

- <P002491> **HSIEH P. H. Dennis; HUXTABLE Susan; NG Kit Fong; CHEN Huih Min; TSANG Wai Kei; WANG Jun and XU Peilin.** "Determination of interactions between human thrombopoietin and its receptor MPL by yeast two-hybrid system and affinity biosensor". *The International Journal of Biochemistry and Cell Biology* vol.32 pp.481-488. Elsevier Science Ltd, 2000.
- <P020926> **ZHANG Zesheng; HO Walter K. K.; HUANG Yu and CHEN Zhenyu.** "Hypocholesterolemic Activity of Hawthorn Fruit Is Mediated by Regulation of Cholesterol-7 $\alpha$ -Hydroxylase and Acyl CoA:Cholesterol Acyltransferase". *Food Research International* vol.35 pp.885-891. Canada, 2002.
- <P022825> **HO Hing Man; CHEN R Y; LEUNG Laikwok; CHAN Leung Franky; HUANG Yu and CHEN Zhenyu.** "Difference in Flavonoid and Isoflavone Profile between Soybean and Soy Leaf". *Biomed & Pharmacother* vol.56 pp.289-295. France, 2002.
- <P029220> **YANG Lin; HUANG Yu; WANG H Q and CHEN Zhenyu.** "Production of Conjugated Linoleic Acids through KOH-catalyzed Dehydration of Ricinoleic Acid". *Chemistry and Physics of Lipids* vol.119 pp.23-31. Elsevier, 2002.
- <P031834> **SAMARANAYAKE Y. H.; SAMARANAYAKE L. P.; DASSANAYAKE R. S.; YAU J. Y. Y.; TSANG Wai Kei; CHEUNG B. P. K. and YEUNG K. W. S..** "'Genotypic shuffling' of sequential clones of *Candida albicans* in HIV-infected individuals with and without symptomatic oral candidiasis". *Journal of Medical Microbiology* vol.52 pp.349-359. United Kingdom, 2003.
- <P040005> **YIU N. S.; LEUNG C. Y.; LEUNG Kwok Nam; FUNG Ming Chiu; WONG R. N. S. and MAK N. K..** "Effects of indirubin and tryptanthrin on the expression of RANTES by influenza virus infected bronchial epithelial cells". Paper presented in the The 12th International Congress of Immunology and 4th Annual Conference of FOCIS, organized by IUIS, Clinical and Investigative Medicine Vol. 27, p. 26C One pgs. Montreal, 2004.07.
- <P040831> **SU Yalun; XU Jin Ze; NG C H; LEUNG Laikwok; YU Huang and CHEN Zhenyu.** "Antioxidant Activity of Tea Theaflavins and Methylated Catechins in Canola Oil". *Journal of American Oil Chemists' Society* vol.81 pp.269-274. UNITED STATES, 2004.
- <P040943> **NGAI Hung Kui and NG Tzi Bun.** "Coccinin, An Antifungal Peptide with Antiproliferative And HIV-1 Reverse Transcriptase Inhibitory Activities From Large Scarlet Runner Beans.". *Peptides* vol.25 no.12, pp.2063-2068. United States of America: Elsevier Science Inc., 2004.12.01.
- <P041243> **SUN Yan; CHEUNG Wing Tai and LEE Sau Tuen Susanna.** "Subcellular localization of a novel peroxisome proliferator-activated receptor alpha (PPAR $\alpha$ )-regulated and starvation-induced gene (SIG)". Paper presented in the 15th International symposium on microsomes and drug oxidation: Chemical Biology in the postgenomic era new approaches and applications, 1 pgs. Mainz, Germany, 2004.07.
- <P041529> **SHAW Pang Chui; WANG Jun; BUT Pui Hay Paul; HA Wai Yan and YAU C. F. Forrest.** "Sequence Characterized Amplified Region (SCAR) Test for the Authentication of Traditional Chinese Medicinal Materials". US Patent No. 6803215. United States of America, 2004.10.12.
- <P041784> **LUI Oi Lan and LEUNG Kwok Nam.** "Modulatory Effects of Conjugated Linoleic Acid on the Proliferation, Differentiation and Apoptosis of Myeloid Leukemia Cells ". Paper presented in the The 12th International Congress of Immunology and 4th Annual Conference of FOCIS, organized by

IUIS, Clinical and Investigative Medicine Vol. 27, p.61A One pgs. Montreal, 2004.07.

- <P041857> **CHENG Hon Ki Christopher and CHAN Chi Bun.** "Growth hormone secretagogue receptor in black seabream: alternative splicing gives rise to two differentially expressed and functionally distinct receptor subtypes". International Workshop on Fish Genetics and Development organized by Institute of Hydrobiology, Chinese Academy of Sciences p.53. Wuhan, China, 2004.10.11.
- <P042259> **LUI CHUN KIN JULIAN and KONG Siu Kai.** "Non-Apoptotic Caspase-3 Activation in Human Erythropoiesis". Paper presented in the The American Society for Cell Biology, 1 pgs. Washington D.C., U.S.A, 2004.12.08.
- <P042372> 夏惠茵、游仲輝、邵鵬柱及王駿. <擴增片段長度多態性技術在人參與西洋參鑒定中的應用>. 《中藥分子鑒定》邵鵬柱、曹暉、畢培曦及王駿編. 第一版 頁 129-142. 中國上海: 復旦大學出版社, 2004.
- <P042788> 邵鵬柱、曹暉、畢培曦及王駿. <>. 《中藥分子鑒定》第 1 版 329 頁. 中國: 復旦大學出版社, 2004.
- <P042901> **YANG Lin; CAO Ying and CHEN Zhenyu.** "Stability of conjugated linoleic acid isomers in egg yolk lipids during frying". *Food Chemistry* vol.86 pp.531-535. United Kingdom, 2004.
- <P043203> 陳浩然. <生化科技的發展>. 《香港醫療體制的前瞻》方玉輝, 陳錦良編. 第 1 版 頁 165-176. 中國香港: 俊良文化事業有限公司, 2004.10.01.
- <P043267> 邵鵬柱、王駿、畢培曦及劉大偉. <石斛的 DNA 序列及利用該序列鑒定其品種或辨別其真偽的方法>. Patent No.: ZL 011024348, 中國, 2004.11.03.
- <P043637> **LEUNG Po Ki; CHAN Chi Bun; CHENG Hon Ki Christopher and WISE Helen.** "Cell Signaling Properties of the Growth Hormone Secretagogue Receptor-A Constitutively Active Receptor". *12th International Conference on Second Messengers and Phosphoproteins* p.131. Montreal, Canada, 2004.08.05.
- <P043848> **CHAN Yiu Man; LAW Ka Yee; SHAW Pang Chui and BUT Pui Hay Paul.** "Molecular Authentication of the Herb *Radix Stemonae*". Paper presented in the International Congress on Natural Products Research, organized by Chicago State University, USA and Midwestern University - Glendale, USA, p.278. Arizona, United States of America, 2004.07.31.
- <P044007> **LEUNG Po Ki; LAU Pui Ngan; CHAN Chi Bun; CHENG Hon Ki Christopher and WISE Helen.** "Evidence for the Oligomerization of Human Growth Hormone Secretagogue Receptors in HEK 293 Cells". *8th Scientific Meeting Hong Kong Pharmacology Society in association with the Shanghai Pharmacology Society* p.10. Hong Kong SAR, 2004.08.16.
- <P044073> **LO PUI CHI; HUANG Jian - Dong; FONG Wing Ping; KO Wing Hung and NG Kee Pui Dennis.** "Synthesis and *in vitro* Photodynamic Activities of New Amphiphilic Silicon(IV) Phthalocyanines with Cationic Moieties". *International conference on porphyrins and phthalocyanines* ed. by Karl Kadish, Jonathan Sessler, Kelvin M. Smith. pp.754. New Orleans, United States of America: Society of Porphyrin and Phthalocyanine, 2004.07.
- <P044187> **CHEN FENG; WANG Jun; BUT Pui Hay Paul and SHAW Pang Chui.** "Molecular and Chemical Authentication of *Saussurea Lappa* Clark, an Endangered Chinese Medicinal Material". Paper presented in the International Congress on Natural Products Research, organized by Chicago State University, USA

and Midwestern University - Glendale, USA, p.295. Arizona, United States of America, 2004.07.31.

- <P044262> **HO Walter K. K.; CHEN Zhenyu and HUANG Yu.** "Crataegus (Hawthorn)". *Herbal Medicine & Molecular Basis in Health and Disease* pp.471-487. New York, USA: Marcel Dekker, Inc., 2004.10.
- <P044449> **YE Ying; HO Wing Shing John; CHEN Zhenyu and WANG Jun.** "Analysis of theanine in tea leaves by HPLC with fluorescence detection". *Journal of Liquid Chromatography & Related Technologies* vol.28 pp.727-738. United States of America: Taylor & Francis Inc., 2005.01.
- <P044750> **LEUNG Kwok Nam; LEUNG Pui Yin and KONG Lai Ping Ada.** "Immunomodulatory and Anti-leukemic Activities of Coumarins ". Paper presented in the 8th International Conference on Human Leucocyte Differentiation Antigens, organized by Australasian Society for Immunology, P-119 One pgs. Adelaide, 2004.12.
- <P044784> **LAU Pui Ngan; LEUNG Po Ki; CHAN Chi Bun; CHENG Hon Ki Christopher and WISE Helen.** "Effect of Co-Transfected Plasmid DNA on GPCR Signalling in HEK293 Cells". *8th Scientific Meeting Hong Kong Pharmacology Society in association with the Shanghai Pharmacology Society* p.17. Hong Kong SAR, 2004.08.16.
- <P044928> **CHAN Chi Bun; LEUNG Po Ki; WISE Helen and CHENG Hon Ki Christopher.** "Signal transduction mechanism of the cloned seabream growth hormone secretagogue receptor". International Workshop on Fish Genetics and Development organized by Institute of Hydrobiology, Chinese Academy of Sciences p.55. Wuhan, China, 2004.10.11.
- <P045278> **WONG A. O. L.; ZHOU H.; KO W. K. W. and HO Walter K. K..** "A novel feedback mechanism regulating growth hormone synthesis and secretion in Chinese grass car (*Ctenopharyngodon idellus*)". *Journal of Fish Society Taiwan* vol.31 pp.141-153. 2004.
- <P045328> **王駿、夏惠茵、游仲輝、畢培曦及邵鵬柱.** <序列特異擴增區技術在中藥鑒定中的應用>. 《中藥分子鑒定》邵鵬柱、曹暉、畢培曦及王駿編.第1版頁109-118.中國:復旦大學出版社,2004.
- <P045444> **NG C H; CHEN Zhenyu; YAO Xiaoqiang; AU Chak Leung; YUNG L. M.; WONG C. M. and HUANG Yu.** "Raloxifene Improves Vasorelaxation in Oxidized LDL-treated Rat Aortas". *Journal of the Hong Kong College of Cardiology, ICSM 8th Annual Scientific Meeting* pp.113-P43. Hong Kong: Medcom Limited, 2004.12.
- <P045526> **張艷波、邵鵬柱、畢培曦及王駿.** <生物芯片技術在中藥石斛鑒定中的應用>. 《中藥分子鑒定》邵鵬柱、曹暉、畢培曦及王駿編.第1版頁229-247.中國:復旦大學出版社,2004.
- <P045539> **ZHOU H.; KO W. W.k.; HO Walter K. K.; STOJKOVIE S. S. and WONG A. O. L..** "Novel aspects of growth hormone autoregulation: growth hormone-induced growth hormone gene expression in grass carp pituitary cells". *Endocrinology* vol.145 pp.4615-4628. 2004.
- <P045848> **蘇亞倫、陳若雲及陳振宇.** <Studies on Antioxidant Constituents from Black Tea>. 《中藥材》第27卷第10期,頁732-733. ChinaBeijing, 2004.10.
- <P046060> **邵鵬柱及曹暉.** <DNA 技術在中藥鑒定應用中的展望>. 《中藥分子鑒定》邵鵬柱、曹暉、畢培曦及王駿編.第一版頁249-258.中國上海:復旦大學出版社,2004.

- <P046323> **CHAN Chi Bun; FUNG Chun Kit; FUNG Yin Wan Wendy; TSE Chui Ling and CHENG Hon Ki Christopher.** "Stimulation of growth hormone secretion from seabream pituitary cells in primary culture by growth hormone secretagogues is independent of growth hormone transcription". *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology* vol.139 no.1-3, pp.77-85. USA: Elsevier Inc., 2004.10.
- <P046986> **夏惠茵、游仲輝、王駿及邵鵬柱.** <直接擴增長度多態性技術在人參與西洋參鑒定中的應用>. 《中藥分子鑒定》邵鵬柱、曹暉、畢培曦及王駿編. 第一版 頁 119-128. 中國上海: 復旦大學出版社, 2004.
- <P047103> **NGAI Hung Kui and NG Tzi Bun.** "A Napin-like Polypeptide with Translation-inhibitory, Trypsin-inhibitory, Antiproliferative And Antibacterial Activities From Kale Seeds.". *Journal of Peptide Research* vol.64 no.5, pp.202-208. Denmark: Munksgaard, 2004.11.01.
- <P047280> **劉大偉、邵鵬柱及畢培曦.** <核糖體 DNA 內轉錄間隔區序列標記技術在藥用石斛類藥材鑒定中的應用>. 《中藥分子鑒定》邵鵬柱、曹暉、畢培曦及王駿編. 第 1 版 中國: 復旦大學出版社, 2004.
- <P047328> **POON Wing Sem Alice; SHAW Pang Chui and BUT Pui Hay Paul.** "Molecular Systematics of Euodia and the Subfamilies Rutoideae and Toddalioideae in Rutaceae". Paper presented in the International Conference on Natural Products Research, organized by Chicago State University, USA and Midwestern Univeristy - Glendale, USA, p.273. Arizona, United States of America, 2004.07.31.
- <P047351> **LEUNG Wai Hang; MENG Z. Q.; HUI G. and HO Walter K. K..** "Expression of an Immunologically Reactive Merozoite Surface Protein (MSP-1<sub>42</sub>) in E. coli.". *Biochimica et Biophysica Acta* vol.1675 pp.62-70. 2004.
- <P047925> **LI YING、GULDAN Georgia Sue、賈鳳梅、翟鳳英、史惠靜、葉欣琪及何麗.** "Feasibility of Telephone Screening Interview in a Validity and Reliability Study of Telephone Interview to Assess Dietary Intake in Urban China". 《衛生研究》段國興. 第 33 卷 第 4 期, 頁 486-489. 中國北京: 中國疾病預防控制中心, 2004.07.
- <P047947> **LAU Tat San and WAN Chi Cheong David.** "In Vitro HIV-1 Integrase Inhibition by RNA Interference (RNAi)". Paper presented in the XV International AIDS Conference, organized by International AIDS Society, WeOrA1312 pgs. Bangkok, Thailand, 2004.07.11.
- <P048483> **LUI Oi Lan and LEUNG Kwok Nam.** "Anti-proliferative, Differentiation- and Apoptosis-inducing Activities of Conjugated Linoleic Acid (CLA) on Myeloid Leukemia Cells". Paper presented in the 9th World Congress on Advances in Oncology, International Journal of Molecular Medicine Vol. 14, p. S37 One pgs. Crete, 2004.10.
- <P048901> **LEUNG Kwok Nam; TSANG Yuen Man and MAK Nai Ki.** "Effects of Glycyrrhizin and 18 $\beta$ -Glycyrrhetic Acid on the Proliferation, Differentiation and Cytokine Gene Expression in Murine Myeloid Leukemia Cells". Paper presented in the The 12th International Congress of Immunology and 4th Annual Conference of FOCIS, organized by IUIS, Clinical and Investigative Medicine Vol. 27, p. 59B One pgs. Montreal, 2004.07.
- <P049276> **CHAN Chi Bun; LEUNG Po Ki; WISE Helen and CHENG Hon Ki Christopher.** "Signal transduction mechanism of the seabream growth hormone secretagogue receptor". *FEBS Letters* vol.577 pp.147-153. Elsevier B.V., 2004.11.05.

- <P049391> **WU XIUJUAN; CHAN Yue Wah; CHEN Wensen and FUNG Kwok Pui.** "Anti-Tumor Activities of One New Annonaceous Acetogenin (ACG), Microcarpacin A, on Human Hepatoma Cells". Paper presented in the Current Concepts in Laboratory Medicine (48th Annual Conference of CSCC), organized by Canada Society of Clinical Chemists, 1 pgs. London, Canada, 2004.08.03.
- <P049483> **TANG Wai Kwan; CHAN Chi Bun; CHENG Hon Ki Christopher and FONG Wing Ping.** "Molecular Cloning, Tissue Distribution and Subcellular Localization of Antiquitin in Seabream". *12th International Meeting, Enzymology and Molecular Biology of Carbonyl Metabolism, Burlington, Vermont, July 6-11, 2004* 2004.07.
- <P049814> **SUN W.; NIE H.; LI N.; ZANG Y.; ZHANG D. Q.; FENG G. Z.; NI L. Q.; XU R.; PRASAD S.; ROBINSON R.; HO Walter K. K.; SERCARZ E. and ZHANG J. W..** "Skewed T-cell receptor BV14 and BV16 expression and shared CDR3 sequence and common sequence motifs in synovial T cells of rheumatoid arthritis". *Genes and Immunity* vol.6 pp.248-261. 2004.
- <P049903> **邵鵬柱 及 曹暉.** <中藥分子鑒定概況>. 《中藥分子鑒定》邵鵬柱、曹暉、畢培曦及王駿編. 第一版 頁 1-32. 中國上海: 復旦大學出版社, 2004.
- <P050375> **NGAI Hung Kui and NG Tzi Bun.** "Phaseococcin, An Antifungal Protein with Antiproliferative And Anti-HIV-1 Reverse Transcriptase Activities From Small Scarlet Runner Beans.". *Biochem Cell Biol* vol.83 no.2, pp.212-220. Canada: National Research Council of Canada, 2005.04.01.
- <P050506> **NGAI Hung Kui; ZHAO Zheng and NG Tzi Bun.** "Agrocybin, An Antifungal Peptide From The Edible Mushroom *Agrocybe cylindracea*". *Peptides* vol.26 no.2, pp.191-196. *United States of America: Elsevier Science Inc., 2005.02.01.*
- <P051053> **Tracy Lo Wing Sze and GULDAN Georgia Sue.** "Kindergarteners' obesity associated with low fiber and high meat intakes in Hong Kong". 4th Annual Meeting of the International Society of Behavioral Nutrition and Physical Activity pp.1. Amsterdam, Netherlands, 2005.06.18.
- <P051209> **SONG Jiang Zheng; LEUNG Yuet Kin and HO Wing Shing John.** "Activation of p53 by specific agents in potential cancer therapy". *Current Medicinal Chemistry* vol.5 (2) pp.131-136. United States of America: Bentham Science Publishers Ltd, 2005.03.
- <P051244> **TSANG Sai Leong; YAU Wai Lok; LEUNG Po Chu; HARDY M. P.; MAK Nai Ki; LEUNG Kwok Nam and FUNG Ming Chiu.** "Immunological Study of a New Mouse Interferon Alpha Subtype - 12.". *Annual Scientific Meeting of the Hong Kong Society for Immunology 2005* pp.13. Hong Kong, 2005.04.
- <P051339> **NG C H; CHEN Zhenyu; YAO Xiaoqiang; AU Chak Leung; YUNG L. M.; VANHOUTTE P. M. and HUANG Yu.** "Raloxifene Attenuates Endothelial Dysfunction Induced by Oxidized Low-Density Lipoprotein". *Symposium on Mechanisms of Vasodilatation & EDHF* pp.29. Belgium: Antwerp - Belgium, 2005.06.
- <P051509> **LIN Wen Zhen; TSANG Sup Yin; LEE Sau Tuen Susanna and CHEUNG Wing Tai.** "Proteomic and genetic analyses of orphan G protein-coupled receptor mas-induced tumor formation". Paper presented in the The 96th Annual Meeting of American Association for Cancer Research, 1 pgs. Anaheim, United States of America, 2005.04.16.
- <P051628> **LEE Chi Fung; ALLEN D Mark; BYCROFT Mark and WONG Kam Bo.** "Electrostatic Interactions Contribute to Reduced Heat Capacity Change of Unfolding in a Thermophilic Ribosomal

- Protein L30e". *Journal of Molecular Biology* vol.348 no.2, pp.419-431. 2005.04.
- <P052671> **WONG Kwong Fai and HO Wing Shing John.** "Mutagenesis study of ferrochelatase of chironomidae larvae". *Protein and Peptide Letters* vol.00 no.00, pp.00-00. United States of America: Bentham Science Publishers Ltd., 2005.06.
- <P053064> **LO Fai Hang; MAK Nai Ki and LEUNG Kwok Nam.** "Modulatory effects of the soy isoflavones daidzein on murine macrophages and myeloid leukemia cells". Paper presented in the 3rd Congress of the Federation of Immunology Societies of Asia-Oceania, organized by FIMSA, Cellular & Molecular Immunology, p. C158 One pgs. Hangzhou, 2005.04.
- <P053114> **YU Shan; CHEUNG Chun Pan; WONG Kam Bo; CHAN Lung Wai; MAC-MOUNE LAI Fernand; WANG Xianghong; SUETSUGI Masatomo; CHEN Shiuan and CHAN Leung Franky.** "Expression and Functional Study of Estrogen Receptor-related Receptors in Human Prostatic Cells and Tissues". Paper presented in the 96th Annual Meeting, Anaheim, California, 16-20 April 2005, organized by American Association for Cancer Research, Vol. 46 pp 3193. United States of America, 2005.04.
- <P053145> **HO Wing Shing John and SONG Jingzheng.** "Effects of Agrimonia pilosa on chemical-induced tumor growth in the rat". *Federation of American Societies of Experimental Biology* pp.11461. United States of America: Federation of American Societies for Experimental Biology, 2005.04.
- <P053516> **NG C H; LEUNG Ka Yiu; HUANG Yu and CHEN Zhenyu.** "Policosanol Has No Antioxidant Activity in Human Low-Density Lipoprotein But Increases Excretion of Bile Acids in Hamsters". *Journal of Agricultural and Food Chemistry* vol.53 pp.6289-6293. USA, 2005.
- <P053730> **LO Fai Hang; MAK Nai Ki and LEUNG Kwok Nam.** "A Comparative Study of the Effects of Daidzein and Genistein on Murine Neuroblastoma Cells". *The 24th Annual Scientific Meeting of the Hong Kong Society of Neurosciences* pp.52. Hong Kong, 2005.01.
- <P053997> **SHAW Pang Chui; LEE Ka Ming and WONG Kam Bo.** "Recent advances in trichosanthin, a ribosome-inactivating protein with multiple pharmacological properties". *Toxicon* vol.45 no.6, pp.683-689. 2005.05.
- <P054242> **CHO Chi Shing and LEUNG Kwok Nam.** "*Astragalus membranaceus* Expresses its Anti-tumor Activity through The Activation of Host Immune Mechanisms. ". Paper presented in the 96th Annual Meeting of the American Association for Cancer Research, Proc Amer Assoc Cancer Res 46: LB-302, one pgs. CA, 2005.04.
- <P054823> **LEUNG W. Keung; NGAI Vincent K. S.; YAU Joyce Y. Y.; CHEUNG Becky P. K.; TSANG Wai Kei and CORBET Esmonde F..** "Characterization of *Actinobacillus actinomycetemcomitans* isolated from young Chinese aggressive periodontitis patients". *Journal of Periodontal Research* vol.40 pp.258-268. Blackwell Munksgaard Ltd, 2005.
- <P055055> **SHAW Pang Chui; WANG Jun; BUT Pui Hay Paul and LAU Tai Wai David.** "DNA Sequences of Dendrobium and the Application of these Sequences for Species Identification or for Authenticating Adulterants". Patent No.: HK1047753. Hong Kong SAR, 2005.04.22.
- <P056550> **NG Kee Pui Dennis; LEE Pui Sze Priscilla; LO Pui Chi; CHAN Y. M. Elaine; FONG Wing Ping and KO Wing Hung.** "Synthesis and in vitro photodynamic activity of novel galactose-containing

- phthalocyanines". *Tetrahedron Letters* vol.46 pp.1551-1554. Elsevier Ltd., 2005.02.28.
- <P056566> **CHAU Wing Kam and CHAN Ho Yin Edwin.** "Biochemical and genetic analysis of Tau protein kinases in *Drosophila*". Paper presented in the 46th Annual *Drosophila* Research Conference, organized by Genetics Society of America, p.908. San Diego, United States of America, 2005.03.24.
- <P056655> **LAW Tik Wan Patrick; WONG Chi Hang; AU Chi Chuen; CHUCK Chi Pang; KONG Siu Kai; CHAN Kay Sheung Paul; TO Ka Fai; LO Wing Ip Anthony; CHAN Yue Wah; SUEN Yick Keung; CHAN Ho Yin Edwin; FUNG Kwok Pui; WAYE Mary Miu Yee; SUNG Joseph Jao Yiu; LO Yuk Ming Dennis and TSUI Stephen Kwok Wing.** "The 3a Protein of Severe Acute Respiratory Syndrome-Associated Coronavirus Induces Apoptosis in Vero E6 Cells". *Journal of General Virology* vol.86 pp.1921-1930. 2005.
- <P056695> **LAM Wun and CHAN Ho Yin Edwin.** "Proteomic Analysis of Polyglutamine Disease in *Drosophila*". *46th Annual Drosophila Research Conference* ed. by Wun Lam. San Diego, United States of America, 2005.03.30.
- <P056862> **WANG Huan; WANG YUN; CHEN Zhenyu; CHAN Leung Franky and LEUNG Lai Kwok.** Hydroxychalcones exhibit differential effects on XRE transactivation *Toxicology* vol.207 no.2, pp.303-313. Ireland: Elsevier Science Ireland Ltd., 2005.02.14.
- <P058009> **SHAW Pang Chui; CHEN Feng; SHUM Ka Chiu Gary; BUT Pui Hay Paul and WANG Jun.** "Molecular and chemical assessment of Muxiang (*Saussurea lapa* Clark) and pharmacological study of its active component dehydrocostus lactone". Paper presented in the 2005 International Symposium in Beijing on Pharmacognosy, organized by School of Pharmaceutical Sciences, Peking University, 161-163 pgs. China, 2005.05.
- <P058363> **BU SU; TSANG Wai Kei and FU Rong Zhao.** "GroEL-GroES solubilizes abundantly expressed xylulokinase in *Escherichia coli*". *Journal of Applied Microbiology* vol.98 pp.210-215. 2005.
- <P058492> **LEE Chung Hung; YANG Lin; XU Jin Ze; YEUNG Sai Ying Venus; YU Huang and CHEN Zhenyu.** "Relative Antioxidant Activity of Soybean Isoflavones and Their Glycosides". *Food Chemistry* vol.90 pp.735-741. United Kingdom, 2005.
- <P058868> **LEUNG Kwok Nam; LEUNG Pui Yin; KONG Lai Ping Ada and LEUNG Po Ki.** "Immunomodulatory Effects of Esculetin (6,7-Dihydroxycoumarin) on Murine Lymphocytes and Peritoneal Macrophages.". *Cellular & Molecular Immunology* vol.2 no.3, pp.181-188. The Chinese Society of Immunology, 2005.06.
- <P059404> **CHEUNG Yuk Yin; LAM Sonia Yan; CHU Wai-kit; ALLEN D. Mark; BYCROFT Mark and WONG Kam Bo.** "Crystal structure of a hyperthermophilic archaeal acylphosphatase from *Pyrococcus horikoshii* - structural insights into enzymatic catalysis, thermostability and dimerization". *Biochemistry* v44 4601-4611. 2005.
- <P059598> **YANG Lin; LEUNG Ka Yiu; CAO Ying; YU Huang; RATNAYAKE Wmn and CHEN Zhenyu.** " $\alpha$ -Linolenic acid but not conjugated linolenic acid is hypocholesterolaemic in hamsters.". *British Journal of Nutrition* vol.93 pp.433-438. Ingenta, United Kingdom, 2005.
- <P059603> **CHANG Qi; ZUO Zhong; HO Walter K. K. and CHOW Sing Sum Moses.** "Comparison of the Pharmacokinetics of Hawthorn Phenolics in Extract Versus Individual Pure Compound". *the Journal of*

*Clinical Pharmacology* vol.45 no.1, pp.106-112. American College of Clinical Pharmacology, 2005.01.

- <P059710> **CHAN Ho Yin Edwin.** "'Fly"ing from genes to drugs - performing biomedical research in the fruitfly *Drosophila*". Paper presented in the Faculty Research Day: Accelerating Research Through Collaboration, organized by Faculty of Medicine, CUHK, p.32. Hong Kong, Faculty of Medicine, CUHK, 2005.06.25.
- <P960118> **CHOY Yuen Min; S.F. Tsang; KONG Siu Kai; LEUNG Kwok Nam; H. Parolis; LEE Cheuk Yu and FUNG Kwok Pui.** "K1 and K3 Capsular Antigens of *Klebsiella* Induce Tumor Necrosis Factor Activities" *Life Sciences* vol.58 no.9 pp. 153-158. USA, 1996.
- <P960406> **KONG Siu Kai; TSANG David Sau Cheuk; LEUNG Kwok Nam and LEE Cheuk Yu.** "Nuclear Envelope Acts as a Calcium Barrier in C6 Glioma Cells" *Biochem Biophys Res Commun* vol.218 pp.595-600. USA, 1996.
- <P978222> **ZHANG Anqi and CHEN Zhenyu.** "Oxidative Stability of Conjugated Linoleic Acid Relative to Other Polyunsaturated Fatty Acids". *Journal of American Oil Chemists' Society* vol.74 pp.1611-1613. USA, 1997.
- <P979394> **CHEN Zhenyu; CHAN Ping Tim Timothy; KWAN Kwok Yiu and ZHANG Anqi.** "Reassessment of the Antioxidant Activity of Conjugated Linoleic Acids". *Journal of American Oil Chemists' Society* vol.73 pp.749-753. USA, 1997.
- <P982713> **CHEN Zhenyu; ZHU Qin Yan; WONG Yeun Fan; ZHANG Zesheng and CHUNG Hau Yin.** "Stabilizing Effect of Ascorbic Acid on Green Tea Catechins". *Journal of Agricultural and Food Chemistry* vol.46 pp.2512-2516. USA, 1998.
- <P988662> **KWAN Kwok Yiu; WANG L Y; CHAN K P and CHEN Zhenyu.** "Inhibitory Effect of Linoleic Acid on Chain Elongation and Desaturation of 18:2 Isomers in Lactating and Neonatal Rats". *Lipids* vol.33 pp.409-416. USA, 1998.

See Also <P006773 >, <P014206 >, <P020690 >, <P030347 >, <P030367 >, <P034250 >, <P040199 >, <P040580 >, <P041994 >, <P042393 >, <P042635 >, <P043028 >, <P044757 >, <P046761 >, <P047116 >, <P047543 >, <P047595 >, <P047606 >, <P047706 >, <P047977 >, <P048021 >, <P048164 >, <P050364 >, <P052189 >, <P053042 >, <P053296 >, <P054191 >, <P055032 >, <P055224 >, <P055244 >, <P055967 >, <P057100 >, <P057774 >, <P058474 >, <P059283 >, <P059365 >, <P987274 >



- <P006307> **LIU T S; WONG Po Keung; ZHUANG Y H and PANG S W. ed.** *Journal of Environmental Sciences*. vol.12 no.1-6, Amsterdam: IOS Press, 2000.
- <P030091> **CHUNG Hau Yin; MA Wing Chi Joyce and KIM Joo-shin.** "Seasonal Distribution of Bromophenols in Selected Hong Kong Seafood". *Journal of Agricultural and Food Chemistry* vol.51 pp.6752-6760. United States of America: American Chemical Society, 2003.
- <P030379> **畢玉蓉、張立新、郭進魁、容拱興及黃蔭成.** <NCS 對離體蘿白子葉微體中酶活性及細胞超微結構的影響>. 《西北植物學報》第 23 卷 頁 2049-2057. 中國, 2003.
- <P032384> **畢玉蓉、張立新、郭進魁、黃蔭成及容拱興.** <Narciclasine 與植物激素的相互作用研究>. 《西北植物學報》第 23 卷 頁 867-874. 中國, 2003.
- <P040199> **BUT Pui Hay Paul; SHAW Pang Chui; WANG Jun; CHAN Yiu Man; WONG Ka Lok and LI Ming.** "Approaches to establishing identity by molecular means". *FDA Workshop on Scientific Approaches to Quality Assessment of Botanical Products* pp.1. Oxford, United States of America, 2004.09.07.
- <P040718> **NG YUK FAN and CHEUNG Chi Keung Peter.** "Effect of Thermal Dehydration on Phenolic Content And Antioxidant Activity in An Edible Mushroom *Agrocybe Agerita*". Paper presented in the Institute of Food Technologists Annual Meeting, organized by Institute of Food Technologists, 1. Las Vegas, United States of America, 2004.07.13.
- <P040818> **SOUISSI S; HWANG J S; TSENG L C; CHEN Q C and WONG Chong Kim.** "Spatiotemporal distribution of the copepod *Calanus sinicus* in the northern coast of Taiwan". Paper presented in the Biology in Asia International Conference, organized by Singapore Institute of Biology, 1 pgs. Singapore, 2004.
- <P040939> **SIU Y Y and WONG Chong Kim.** "Study of selective feeding by the marine cladoceran *Penilia avirostris* using HPLC analysis of phytoplankton marker pigments". Paper presented in the 19th International Congress of Zoology, organized by Chinese Zoological Society, 1 pgs. Beijing, China, 2004.08.
- <P040953> **WANG Zhiyong; HO Ka Chai; YU Da Hui; KE Cai Huan; MAK Wai Yan and CHU Ka Hou.** "Lack of Genetic Divergence in Nuclear and Mitochondrial DNA between Subspecies of two *Haliotis* Species". *Journal of Shellfish Research* vol.23 no.4, pp.1143-1146. 2004.
- <P041571> **CHONG CHUN WING and CHU LM.** "Effects of Container Size and Watering Regime on the Growth of Vetivergrass Used for Slope Landscaping". *Paper present in the International Conference on ECO-ENGINEERING - The Use of Vegetation to Improve Slope Stability* Thessaloniki, Greece, 2004.09.13.
- <P041622> **WOO Norman Ying Shiu and DEANE Eddie Edward.** "Use of the Somatotropic Axis as an Integrated Signal of Environmental Stress in Sea Bream". *Upsala Journal of Medical Sciences* vol.Supplement 56 pp.106. Uppsala, Sweden: Almqvist & Wiksell International, 2004.08.24.
- <P041969> **ZHU Wen; CHIU Chi Ming Lawrence; OOI Vincent Eng Choon; CHAN Kay Sheung Paul and ANG Put Jr..** "Antiviral Property and Mode of Action of A Sulphated Polysaccharide from Sargassum Patens against Herpes Simplex Virus Type 2". *International Journal of Antimicrobial Agents* vol.24 no.3, pp.79-83. Elsevier B.V., 2004.07.30.

- <P042145> **SEURONT L; HWANG J S; TSENG L C; SCHMITT F G; SOUISSI S and WONG Chong Kim.** "Individual variability in the swimming behavior of the sub-tropical copepod *Oncaea venusta* (Copepoda: Poecilostomatoidea)". *Marine Ecology Progress Series* vol.283 pp.199-217. Germany: Inter-Research, 2004.
- <P042328> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Development and Use of In Vitro Models for Stress Protein Expression and Apoptosis Studies in Sea Bream". *Uppsala Journal of Medical Sciences* vol.supplement 56 pp.31. Uppsala, Sweden: Almqvist & Wiksell International, 2004.08.24.
- <P042393> **LEUNG Kwok Nam; TSANG Yuen Man; FUNG Ming Chiu and MAK Nai Ki.** ""Effects of glycyrrhizin and 18 -glycyrrhetic acid on the proliferation, differentiation and cytokine gene expression in murine myeloid leukemia cells"". *Paper presented in the 12th International Congress of Immunology and 4th Annual Conference of FOCIS* pp.Immunology 2004, p. 119-125.. Medimond S.R.L., 2004.07.
- <P042414> **WONG MAN SHAN MICHELLE and CHU LM.** "Growth of freshwater emergents under different submergence levels". *7th Intecol International Wetlands Conference 2004* Utrecht, The Netherlands, 2004.07.
- <P042462> **JIANG Liwen.** "Membrane Anchors for Vacuolar Targeting: Production of Active Human Iduronidase in Plant Bioreactors". Paper presented in the 4th Cross-strait Symposium on Plant Molecular Biology and Biotechnology, 1 pgs. Wuyishan, 2004.07.27.
- <P042728> **CHEUNG Chi Keung Peter and WONG K. H.** "Non-digestible carbohydrates prepared from mushroom sclerotia: relationship of fermentability and chemical structure". *International Symposium on non-digestible carbohydrate* Tokyo, Japan, 2004.09.
- <P043113> **CHU Ka Hou; WONG Wing Lei; LO T.S.; MONG L. Y.; KWAN Hoi Shan and CHAN S. M.** "Differential Gene Expression During Ovarian Maturation of the Shrimp *Metapenaeus ensis*". *Aquaculture Europe 2004* pp. 233-234. 2004.10.20.
- <P043130> **OOI Vincent Eng Choon; OOI Shiou Mei Linda and SUN Sai Ming Samuel.** "A New Antiviral Protein from the Leaves of *Pandanus amaryllifolius*". Paper presented in the 4th Cross-strait Symposium on Plant Molecular Biology and Biotechnology, organized by Fujian University of Agriculture and Forestry, pp. 35-37. Wuyishan, Fujian, China, 2004.07.
- <P043412> **DEANE Eddie Edward; LI Jun and WOO Norman Ying Shiu.** "Modulated Heat Shock Protein Expression During Pathogenic *Vibrio alginolyticus* stress of sea bream". *Diseases of Aquatic Organisms* vol.62 pp.205-215. Oldendorf/Luhe, Germany: Inter-Research, 2004.12.
- <P043473> **WONG Chong Kim; TSE P; HUI S Y and CHEN Q C.** "Diversity and occurrence of Chaetognatha in Hong Kong Waters". Paper presented in the Biology in Asia International Conference, organized by Singapore Institute of Biology, 1 pgs. Singapore, 2004.
- <P043804> **ZHANG Mei; CHEUNG Chi Keung Peter; OOI Vincent Eng Choon and ZHANG Lina.** "Evaluation of Sulfated Fungal  $\beta$ -glucans from the Sclerotium of *Pleurotus tuber-regium* as a Potential Water-soluble Anti-viral Agent". *Carbohydrate Research Online* publication. vol. 339 pp.2297-2301. Elsevier Ltd., 2004.07.30.
- <P043820> **BUT Pui Hay Paul; TOMLINSON Brian; CHU Hin Chung; THOMAS Neil G and LAN Wei.** "Review of adverse effects of Chinese herbal medicine and herb-drug interactions". *Herbal and Traditional Medicine* ed. by Lester PACKER, Choon Nam ONG, Barry

HALLIWELL. pp.883-901. NY, United States of America: Marcel Dekker, 2004.

- <P043977> **CHUNG Hau Yin; MA Wing Chi Joyce; KIM Joo-shin and CHEN Feng.** "Contribution of the Presence of *Monascus* sp. in the Formation of Headspace Components During Red Rice Production". *Journal of Agricultural and Food Chemistry* vol.52 pp.6557-6563. United States of America, 2004.
- <P044148> **CHEUNG Chi Keung Peter.** "Future perspectives in the research and development of probiotics and prebiotics". Paper presented in the The 3rd Symposium on Probiotics, Prebiotics and Health, organized by Guangdong Institute of Food Science and Technology, 60-64 pgs. Guangzhou, China, 2004.
- <P044344> **LAI KIN MING CONNIE and CHEUNG Chi Keung Peter.** "Preparation And Characterization of Antitumor Polysaccharides from Mushroom Sclerotia". Paper presented in the Institute of Food Technologists 2004 Annual Meeting, organized by IFT, 1. Las Vegas, United States of America, 2004.07.13.
- <P044345> **KIM Hyun-jin; CHEN Feng; WU Changqing; WANG Xi; CHUNG Hau Yin and JIN Zhengyu.** "Evaluation of Antioxidant Activity of Australian Tea Tree (*Melaleuca alternifolia*) Oil and Its Components". *Journal of Agricultural and Food Chemistry* vol.52 pp.2849-2854. United States of America: American Chemical Society, 2004.
- <P044925> **LI YAOLAN; OOI Shiou Mei Linda; BUT Pui Hay Paul and OOI Vincent Eng Choon.** "Antiviral activities of medicinal herbs traditionally used in southern mainland China". *Phytotherapy Research* vol.18 no.9, pp.718-722. Wiley-Inter Science, 2004.09.
- <P045032> **TSUI Martin T.K. and CHU LM.** "Comparative toxicity of glyphosate-based herbicides: Aqueous and sediment porewater exposures". *Archives of Environmental Contamination and Toxicology* vol.46 pp.316-323. New York, United States of America: Springer-Verlag, 2004.
- <P045120> **WONG K. H. and CHEUNG Chi Keung Peter.** "Preparation of non-digestible carbohydrates from mushroom sclerotia using industrial enzymes". *international symposium on non-digestible carbohydrate* Tokyo, Japan, 2004.09.
- <P045144> **CHU LM.** "Ecological assessment of a constructed wetland on fly ash disposal lagoon". *7th Intecol International Wetlands Conference 2004* Utrecht, The Netherlands, 2004.07.
- <P045185> **WONG Yum Shing and NGAI Lei-ka.** "Structure and Antioxidant Activity Relationships of Flavonoids". *Institute of Food Technologists Annual Meeting* pp.164. Las Vegas, United States of America: Institute of Food Technologists, 2004.07.
- <P045292> **JIANG Liwen.** "Molecular characterization of plant prevacuolar compartments in tobacco BY-2 cells ". Paper presented in the International workshop on cell and molecular biology of tobacco BY-2 cells, organized by RIKEN Institute, 1 pgs. RIKEN, Japan, 2004.09.15.
- <P045424> **NG WING MAN and SUN Sai Ming Samuel.** "Transgenic Expression of Human Granulocyte Colony-stimulating Factor in Rice". Paper presented in the Plant Biology 2004, organized by The American Society of Plant Biologists, 1 pgs. Florida, United States of America, 2004.07.24.
- <P045868> **HWANG J S; SOUISSI S; WONG Chong Kim; SEURONT L; SCHMITT F G; FANG L S; TSENG L C; PENG S H; WU C H; HSAIO S H; TWAN W H; WEI T and CHEN Q C.** "Effects of the NE monsoon on the copepod assemblages in the boundary waters between the East China Sea and the

- Taiwan Strait". Paper presented in the Biology in Asia International Conference, organized by Singapore Institute of Biology, 1 pgs. Singapore, 2004.12.
- <P045912> **LAM Hon Ming.** "Studies on Asparagine Synthetase Genes: Metabolic Gene Regulation and Nitrogen Sink-Source Relationship". Paper presented in the The 4th Cross-Strait Symposium on Plant Molecular Biology and Biotechnology, p.23. Wuyishan, 2004.07.
- <P045923> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Differential Gene Expression Associated with Euryhalinity in Sea Bream (*Sparus sarba*)". *American Journal of Physiology: Regulatory, Integrative & Comparative Physiology* vol.287 pp.R1054-R1063. Bethesda, United States of America: American Physiological Society, 2004.10.
- <P045939> **ZENG Nai-yan; WONG Kwong-kwok; CHEUNG Ming-yan; ZHAO Kai-jun; LEI Cai-lin; LAU Tung; CHOW Shuk Man; ZHANG Qi; LING Zhong-zhuan; SUN Sai Ming Samuel and LAM Hon Ming.** "Comparative analysis of disease resistance related genes in rice". Paper presented in the Annual Meeting of the American Society of Plant Biologists, organized by American Society of Plant Biologists, Lake Buena Vista, FL, United States of America, 2004.07.
- <P046081> **YU Da Hui and CHU Ka Hou.** "Genetic Variation in the Pearl Oyster *Pinctada fucata* Based on AFLP Analysis". *XIXth International Congress of Zoology* pp.78-79. Beijing, China, 2004.08.23.
- <P046646> **HO Ka Chai; CHAN T. Y. and CHU Ka Hou.** "Molecular Phylogeny of the Clawed Lobsters in *Metanephrops* (Nephropidae)". *XIXth International Congress of Zoology* p.111. Beijing, China, 2004.08.23.
- <P046797> **YAU YEE WA EVA and WONG Chong Kim.** "Distribution and feeding of the carnivorous copepod *Euchaeta concinna* in the eastern waters of Hong Kong". Paper presented in the 19th International Congress of Zoology, organized by Chinese Zoological Society, 1 pgs. Beijing, China, 2004.08.
- <P046816> **CHU Ka Hou; LI Y.; LI Chi Pang; TONG Jingou; PONGSOMBOON S.; TASSANAKAJON A. and WILSON K. J.** "Progress in the International Collaborative Project on the Genetic Mapping of *Penaeus monodon*". *Fourth International Chinese Shrimp Aquaculture Conference* pp.85-86. Qingdao, China, 2004.11.04.
- <P047308> **WANG Z. Y., KE C., WANG Y., HO Ka Chai 及 朱嘉濠.** <Studies on the Genetic Relationships of *Haliotis diversicolor* and *Haliotis discus* using AFLP Fingerprinting and DNA Sequence Analysis>. 《High Technology Letters》第 14 卷 頁 93-98. 2004.
- <P047355> **LIU T S; WONG Po Keung; ZHUANG Y H and PANG S W. ed.** *Journal of Environmental Sciences.* vol.16 no.1-6, Beijing/Amsterdam: IOS Press, 2004.
- <P047413> 林漢明. 大豆耐鹽機理的分子研究 第十七屆全國大豆科研生產研討會 1 頁. 瀋陽, 2004.08.
- <P047566> **Wong Chun Kwan and WONG Chong Kim.** "Study of phytoplankton characteristics in Tolo Harbour, Hong Kong, by HPLC analysis of chemotaxonomic pigments". *Journal of Applied Phycology* vol.16 pp.469-476. Germany: Springer, 2004.
- <P047706> **曹暉、畢培曦、顏輝娥、王駿及邵鵬柱.** <隨機引物聚合酶鏈反應技術在中藥鑒定中的應用>. 《中藥分子鑒定》邵鵬柱、曹暉、畢培曦及王駿編. 第 1 版 頁 73-93. 中國: 上海復旦大學出版社, 2004.

- <P047762> **XU JIAWU 及 朱嘉濠**. <DNA Polymorphism of *Eriocheir sinensis* and Related Taxa: Phylogeny, Population Structure and Systematics>. 《Meeting of the Chinese Crustacean Society》 頁 9. ChinaQingdao, 2004.11.02.
- <P047796> **OOI Shiou Mei Linda; SUN Sai Ming Samuel; WANG Hua and OOI Vincent Eng Choon**. "New Mannose-Binding Lectin Isolated from the Rhizome of Sarsaparilla *Smilax glabra* Roxb. (Liliaceae)". *Journal of Agricultural and Food Chemistry* vol.52 no.20, pp.6091-6095. United States of America, 2004.09.14.
- <P047955> **WONG Chong Kim; LIU X J; SIU Y Y and HWANG J S**. "Feeding selectivity of the marine cladoceran *Penilia avirostris* determined by HPLC analysis of taxon-specific phytoplankton pigments". Paper presented in the Biology in Asia International Conference, organized by Singapore Institute of Biology, 1 pgs. Singapore, 2004.12.
- <P048564> **TSE CHING YEE CAROL; PAK AH PAN; WONG Chong Kim; CHAN King Ming and WONG On Nei**. "Biochemical Response of the Orange-spotted Grouper *Epinephelus coioides* to Suspended Sediment". Paper presented in the Proceedings of the 7th Asian Fisheries Forum, organized by Asian Fisheries Society, 1 pgs. Penang, Malaysia, 2004.12.03.
- <P048743> **SUN Ai Min; LI Hui; HUANG Zhi Ming; BUT Pui Hay Paul and DING Xue Qin**. "Analysis of the aconitine alkaloids in Chuanwu by electrospray ionization/tandem mass spectrometry". *Chinese Chemical Letters* vol.15 no.9, pp.1071-1074. China: Chinese Chemical Society, 2004.09.
- <P048750> **WANG M L; HSU C M; CHANG L C; WANG C S; SU T H; HUANG Y J; JIANG Liwen and JAUH G Y**. "Gene expression profiles of cold-stored and fresh pollen to investigate pollen germination and growth". *Plant Cell Physiology* vol.45 pp.1519-1528. Oxford, United Kingdom: Oxford University Press, 2004.10.
- <P049017> **SETO Tai Chi; SUN Sai Ming Samuel; KERMODE Allison; CLARKE Lorne; JIANG Liwen; CLARKE Lorne; KERMODE Allison; CLARKE Lorne; KERMODE Allison and CLARKE Lorne**. "Membrane anchors for vacuolar targeting: production of active human iduronidase in plant bioreactors ". *Plant Biology 2004* pp.1. Florida, USA, 2004.07.29.
- <P049237> **KEUNG Hoi Yee and CHEUNG Chi Keung Peter**. "Safety evaluation of the toxicity of mushroom sclerotia". Institute of Food Technologists Annual Meeting IFT 1. Las Vegas, USA, 2004.07.12.
- <P049501> **LU SHANXIANG; SUN Sai Ming Samuel and JIANG Liwen**. "Dynamic of ER Protein Export in Tobacco BY-2 Cells". *Plant Biology 2004* p.150. 2004.07.
- <P049515> **WONG KING YEE and CHEUNG Chi Keung Peter**. "In vitro fermentation of novel dietary fiber prepared from mushroom sclerotia using human fecal bacteria". Institute of Food Technologists Annual Meeting IFT 1. Las Vegas, USA, 2004.07.12.
- <P049687> **WANG Zhiyong; KE Cai-huan; WANG Yi-lei; HO Ka Chai; XIAO Zhi-qun and CHU Ka Hou**. "Genetic Variations and Divergence of Two *Haliotis* Species as Revealed by AFLP Analysis". *Journal of Shellfish Research* vol.23 no.4, pp.1147-1151. 2004.
- <P049829> **CHANG Qi and WONG Yum Shing**. "Identification of Flavonoids in Hakmeitau Beans (*Vigna sinensis*) by High-Performance Liquid Chromatography-Electrospray Mass Spectrometry (LC-ESI/MS)". *Journal of Agricultural and Food Chemistry* vol.52 pp.6694-6699. United States of America, 2004.11.

- <P049904> 張妙高、孔凡利、彭翠虹、林漢明、嚴小龍及廖紅。〈鹽害和缺磷耦合脅迫對大豆生長的影響〉。《西南農業學報》第17(增刊)卷頁201-204。2004。
- <P050131> **TONG H. M. Nip and WONG Chong Kim.** "A study of the nursery function of mangrove and non-mangrove soft shore habitats in Hong Kong.". Paper presented in the IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia, organized by IUCN World Commission on Protected Area, 1 pgs. Hong Kong, 2005.06.
- <P050364> **LEUNG Kwok Nam; LEUNG Pui Yin; FUNG Ming Chiu; LEUNG Po Ki and MAK Nai Ki.** "Coumarins as Immunomodulators and Anti-leukemia Agents". Paper presented in the 3rd Congress of the Federation of Immunology Societies of Asia-Oceania, organized by FIMSA, Cellular & Molecular Immunology, p. C73-C74 two pgs. Hangzhou, 2005.04.
- <P050479> **WANG JUNQI; Li Yu Bing; HILLMER S; MIAO Y S; ROBINSON D G and JIANG Liwen.** "Molecular mechanism of protein mobilization in germinating seeds: the roles of vacuolar sorting receptor proteins and multivesicular bodies.". Paper presented in the 8th International Workshop on Seed, organized by International Society for Seed Science, 1 pgs. Brisbane, Australia, 2005.05.
- <P050545> **FUNG K L; YIM Y F; TSE Y C and JIANG Liwen.** "Applications of membrane anchors in seed bioreactors.". Paper presented in the 8th International Workshop on Seed, organized by International Society for Seed Science, 1 pgs. Brisbane, Australia, 2005.05.
- <P050708> **YANG Y.; TAO S. S.; WONG Po Keung; HU J. H.; GUO M.; CAO H. Y.; COVENEY R. M.; ZUO Q.; LI B. G.; LIU W. X.; CAO J. and XU F. L..** "Human exposure and health risk of  $\alpha$ -,  $\beta$ -,  $\gamma$ - and  $\delta$ -hexachlorocyclohexane (HCHs) in Tianjin, China". *Chemosphere* vol.60 pp.753-761. New York: Elsevier Sciences B.V., 2005.
- <P050764> 喻達輝及朱嘉濠。〈Phylogenetics of the Common Pearl Oysters in the Genus *Pinctada*: Evidence from nrDNA ITS Sequence〉。《Biodiversity Science》第13卷第4期,頁315-325。2005。
- <P051201> **YU Ying; MA L. L.; HUANG W. Y.; LI J. L.; WONG Po Keung and YU Jimmy C..** "Coating MWNTs with Cu<sub>2</sub>O of different morphology by a polyol process". *Journal of Solid State Chemistry* vol.178 pp.1488-1494. New York: Elsevier Sciences B.V., 2005.
- <P051237> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Evidence for Disruption of Na<sup>+</sup>-K<sup>+</sup>-ATPase and hsp70 During Vibriosis of Sea Bream, *Sparus (=Rhabdosargus) sarba* Forsskal". *Journal of Fish Diseases* vol.28 pp.239-251. London, United Kingdom: Blackwell Publishing Ltd., 2005.04.
- <P051484> **LIN SZE WAH and GE Wei.** "Differential Regulation of Zebrafish FSH $\beta$  (fshb) and LH $\beta$  (lhb) Promoter Activities by Activin/Smads and Estrogen/ERs Pathways". Paper presented in the 38th Annual Meeting Society for the Study of Reproduction, organized by Society for the Study of Reproduction, 1 pgs. Wisconsin, United States of America, 2005.06.20.
- <P051528> **CHU Ka Hou; TSOI Kwok Ho and CUI Zhaoxia.** "Genetic Differentiation of Penaeid Shrimps in the Indo-West Pacific - A Review". *International Marine Shrimp Environmental Genomics Initiative: Monitoring Animal, Ecosystem and Public Health* 1 pg. Bali, Indonesia, 2005.05.09.
- <P052011> **YU Y; MA L L; HUANG Y W; DU P F; YU J. C.; YU G J; WANG B J and WONG Po Keung.** "Sonication assisted deposition of Cu<sub>2</sub>O nanoparticles on multiwall carbon nanotubes with polyol process". *Carbon* vol.43 pp.670-673. New York: Elsevier Ltd, 2005.

- <P052248> **HWANG J S and WONG Chong Kim.** "The China Coastal Current as a driving force for transporting *Calanus sinicus* (Copepoda: Calanoida) from its population centers to waters off Taiwan and Hong Kong during the winter NE monsoon period". *Journal of Plankton Research* vol.27 pp.205-210. Oxford, United Kingdom: Oxford University Press, 2005.04.
- <P052758> **WANG Xinchun; YU Jimmy C.; YIP Ho Yin; WU Ling; WONG Po Keung and LAI Suk Yin.** "A Mesoporous Pt/TiO<sub>2</sub> Nanoarchitecture with Catalytic and Photocatalytic Functions". *Chemistry - A European Journal* vol.11 pp.2997-3004. United Kingdom: The Royal Society of Chemistry, 2005.04.
- <P052760> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Cloning and Characterization of Sea Bream Na-K-ATPase alpha and beta Subunit Genes: In Vitro Effects of Hormones on Transcriptional and Translational Expression". *Biochemical and Biophysical Research Communications* vol.331 pp.1229-1238. New York, United States of America: Elsevier B.V., 2005.05.
- <P052787> **LAM Hon Ming.** "Molecular Studies of Salt Stress Responses in Soybean". Paper presented in the 2005 Symposium of Plant Molecular Biology and Biotechnology & IAPTC&B Conference for Chinese Members, p.40. Taion, 2005.05.
- <P052969> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Growth Hormone Increases hsc70/hsp70 Expression and Protects against Apoptosis in Whole Blood Preparations from Silver Sea Bream". *Annals of the New York Academy of Sciences* vol.1040 pp.288-292. New York, United States of America: The New York Academy of Sciences, 2005.05.
- <P053106> **LAI KIN MING CONNIE; WONG S.m.; CHEUNG Chi Keung Peter and OOI Vincent Eng Choon.** "In Vitro Study of Antiproliferation of Cancer Cells by Polysaccharides Isolated from the Mycelium and Sclerotium of *Pleurotus tuber-regium*". *5th International Conference on Mushroom Biology and Mushroom Products* pp.143. 2005.04.
- <P053266> **LAU W.k. Ken; NG Y.m. Connie; REN P. J.; LAU C.I. Simon; QIAN Y. P.; WONG Po Keung; LAU Tsz Chun and WU Madeline.** "*Owenweeksia honkkongensis* gen. nov., sp. nov., a novel marine bacterium of phylum "Bacteroides"". *International Journal of Systematic and Evolutionary Microbiology* vol.55 pp.1051-1057. United Kingdom, 2005.
- <P053398> **KONG Ka Lai Carrie; CHIU Chi Ming Lawrence and OOI Vincent Eng Choon.** Chlorophyllin Purified from the Traditional Chinese Medicine Cansha Deactivates JNK and Induces Cell Cycle Arrest and Apoptosis in the Human Breast Carcinoma MCF-7 Cells Paper presented in the 10th Annual General Meeting and Scientific Meeting of Hong Kong Society of Flow Cytometry, organized by Hong Kong Society of Flow Cytometry, 1 pgs. Hong Kong SAR, 2005.02.26.
- <P053556> **WANG Y. H. and WONG Po Keung.** "Determination of dichloroacetic acid and trichloroacetic acid in drinking water by acidic methanol esterification and headspace gas chromatography". *Water Research* vol.39 pp.1844-1848. London, 2005.
- <P053732> **BUT Pui Hay Paul; YOUNG Ki Chun; LAM Hilary; YEUNG Hiu Yan; MA Ping and WOO Ting Kwok.** "Virtual plant study trails for education, ecotourism, and documentation of protected areas". *IUCN World Commission on Protected Areas 5th Conference on Protected Areas of East Asia* pp.IV-3. Hong Kong SAR, 2005.06.21.
- <P053742> **CHU Ka Hou; LI Chi Pang and QI J.** "Ribosomal RNA as Molecular Barcodes: A Simple Correlation Analysis without Sequence Alignment". *International Conference for the Barcoding of Life* 1 pg. London, United Kingdom, 2005.02.07.

- <P053750> **CHUNG Hau Yin; FUNG Kwan Pui and KIM J00-shin.** "Aroma Impact Components in Commercial Plain Sufu". *Journal of Agricultural and Food Chemistry* vol.53 pp.1684-1691. United States of America, 2005.
- <P053823> **LIU T S; WONG Po Keung; ZHUANG Y H and PANG S W. ed.** *Jouranl of Environmental Sciences.* vol.17 no.1-4, Beijing/Amsterdam: IOS Press, 2005.01.
- <P054187> **TSOI Kwok Ho; CHIU K. M. and CHU Ka Hou.** "Effects of Temperature and Salinity on Survival and Growth of the Amphipod *Hyale crassicornis* (Gammaridea, Hyalidae)". *Journal of Natural History* vol.39 no.4, pp.325-336. 2005.
- <P054189> **LEUNG Ling Yan; DEANE Eddie Edward and WOO Norman Ying Shiu.** "Modulatory Effect of Salinity Acclimation on Glucose-6-Phosphate Dehydrogenase Activity in Sea Bream". *International Marine Biotechnology Conference* St. John's, Canada: International Marine Biotechnology Association, 2005.06.
- <P054362> **TSOI Kwok Ho; WANG Z. Y. and CHU Ka Hou.** "Genetic Divergence between Two Morphologically Similar Varieties of the Kuruma Shrimp *Penaeus japonicus*". *Marine Biology* vol.147 pp.367-379. 2005.
- <P054500> **TSUI Martin T.K.; WANG W X and CHU LM.** "Influence of glyphosate and its formulation (Roundup®) on the toxicity and bioavailability of metals to *Ceriodaphnia dubia*". *Environmental Pollution* vol.138 pp.59-68. Elsevier, 2005.
- <P054642> **TSE Yu Chung; YIM Y F and JIANG Liwen.** "Biogenesis of the compound seed protein storage vacuole.". Paper presented in the 8th International Workshop on Seed, organized by International Society for Seed Science, 1 pgs. Brisbane, Australia, 2005.05.
- <P054734> **YU Z. G.; ZHOU L. Q.; ANH V. V.; CHU Ka Hou; LONG S. C. and DENG J. Q..** "Phylogeny of Prokaryotes and Chloroplasts Revealed by a Simple Composition Approach of All Protein Sequences from Complete Genomes Without Sequence Alignment". *Journal of Molecular Evolution* vol.60 pp.538-545. 2005.
- <P054802> **MAK WAI YAN and CHU Ka Hou.** "Identification of Differentially Expressed Genes in the Eyestalk during Ovarian Maturation in the Shrimp *Metapenaeus ensis*". Paper presented in the World Aquaculture 2005, organized by World aquaculture society, 1 pgs. Bali, Indonesia, 2005.05.09.
- <P055515> **CUI Zhaoxia; LIU Hong; LO Ting Sze and CHU Ka Hou.** "Inhibitory Effects of the Androgenic Gland on Ovarian Development in the Mud Crab *Scylla paramamosain*". *Comparative Biochemistry and Physiology Part A* vol.140 pp.343-348. 2005.
- <P055654> **MA Wing Chi Joyce; CHUNG Hau Yin; ANG Put Jr. and KIM Joo-shin.** "Enhancement of Bromophenol Contents in Aquacultured Fish". *Journal of Agricultural and Food Chemistry* vol.53 pp.2133-2139. United States of America: American Chemical Society, 2005.
- <P055875> **鄭琳、黃蔭成、高祥、蒲訓、李仕峰及畢玉蓉.** <白阿魏磨粗提物抗氧化和抗腫瘤活性的研究>. 《菌物學報》第 24 卷 頁 71-78. 中國, 2005.
- <P055942> **TSOI Kwok Ho and CHU Ka Hou.** "Sexual Dimorphism and Reproduction of the Amphipod *Hyale crassicornis* Haswell (Gammaridea: Hyalidae)". *Zoological Studies* vol.44 pp.382-392. 2005.



- <P056009> **YU Bing-jun; LAM Hon Ming; SHAO Guihua and LIU You-ling.** "Effects of salinity on activities of H<sup>+</sup>-ATPase, H<sup>+</sup>-PPase and membrane lipid composition in plasma membrane and tonoplast vesicles isolated from soybean (*Glycine max* L.) seedlings". *Journal of Environmental Sciences* vol.17 no.2, pp.259-262. 2005.
- <P056023> **LIU LIN and GE Wei.** "Cloning and characterization of zebrafish growth and differentiation factor-9 (GDF-9) and its regulation by gonadotropin in the ovary". Paper presented in the annual meeting society for the study of reproduction, organized by Society for the Study of Reproduction, 1 pgs. Wisconsin, United States of America, 2005.06.20.
- <P056243> **TSE PAN; TONG H. M. Nip and WONG Chong Kim.** "The feeding ecology of juvenile fishes in mangrove and non-mangrove habitats in Hong Kong". Paper presented in the The 7th Indo-Pacific Fish Conference, organized by Research Center for Biodiversity, Academic Sinica, 1 pgs. Taiwan, 2005.05.
- <P056943> **ZHANG Lina; CHEN Li; XU Xiaojuan; LIN Yulu; CHEUNG Chi Keung Peter and KENNEDY F John.** "Comparison on Chain Stiffness of a Water-insoluble (1→3)- $\alpha$ -D-Glucan Isolated from *Poria cocos* Mycelia and Its Sulfated Derivative". *Carbohydrate Polymers* vol.59 pp.257-263. Elsevier Ltd., 2005.01.
- <P057052> **LUK Chun Yin James; DEANE Eddie Edward and WOO Norman Ying Shiu.** "Expression and Immunolocalization Studies on Na<sup>+</sup>-K<sup>+</sup>-ATPase and Aquaporin in Sea Bream Osmoregulatory Tissues". *International Marine Biotechnology Conference* St. John's, Canada: International Marine Biotechnology Association, 2005.06.
- <P057100> **BUT Pui Hay Paul; POON Wing Sem Alice and SHAW Pang Chui.** "Fructus Evodiae – Evodia, Euodia or Tetradium". Paper presented in the 2005 International Symposium in Beijing on Pharmacognosy, organized by School of Pharmaceutical Sciences, Peking University, 31-33 pgs. Beijing, China, 2005.05.13.
- <P057216> **LAU Stanley Ck; TSOI Madny My; LI X C; DOBRETSOV S; PLAKHOTNIKOVA Y; WONG Po Keung and QIAN P Y.** "*Pseudoalteromonas spongiae* sp. nov., a novel member of the  $\gamma$ -Proteobacteria isolated from the sponge *Mycale adhaerens* in Hong Kong waters.". *International Journal of Systematic and Evolutionary Microbiology* vol.55 pp.1593-1596. Great Britain: IUMS, 2005.
- <P057225> **LEUNG KAM TONG; CHIU Chi Ming Lawrence; SUN Sai Ming Samuel and OOI Vincent Eng Choan.** "Inhibition of DHBV and HBV Replication by Chlorophyllin". Paper presented in the 18th International Conference on Antiviral Research, organized by International Society for Antiviral Research, p.A55. Barcelona, Spain, 2005.03.01.
- <P057374> **WONG Chong Kim and TONG H. M. Nip.** "Density and community composition of juvenile fishes in mangrove and non-mangrove soft shore habitats in the eastern part of Hong Kong". Paper presented in the The 7th Indo-Pacific Fish Conference, organized by Research Center for Biodiversity, Academia Sinica, 1 pgs. Taiwan, 2005.05.
- <P057407> **WONG Po Keung.** "Practical Issues of Application of Biosoils". *Heavy Metal Contamination of Soil: Problems and Remedies* ed. by I. Ahmad, S. Hayat and J. Pichtel. 1st ed. pp.1-23. New Dehli: Oxford & IBH Publishing Co. Pvt. Ltd., 2005.
- <P057667> **LAU K W and CHU LM.** "Species selection for slope revegetation". *Paper present in the International Conference on ECO-ENGINEERING - The Use of Vegetation to Improve Slope Stability* Thessaloniki, Greece, 2005.

- <P057756> **SHI Z.; TAO S.; PAN W.; HE C. X.; ZUO Q; WU P. S.; LI G. B.; CAO J.; LIU X. W.; XU L. F.; WANG J. X.; SHEN R. W. and WONG Po Keung.** "Contamination of rivers in Tianjin, China by polycyclic aromatic hydrocarbons". *Environmental Pollution* vol.134 pp.97-111. New York: Elsevier Ltd., 2005.
- <P058145> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Cloning and Characterization of the hsp70 Multigene Family from Silver Sea Bream: Modulated Gene Expression Between Warm and Cold Temperature Acclimation". *Biochemical and Biophysical Research Communications* vol.330 pp.776-783. New York, United States of America: Elsevier B.V., 2005.03.
- <P058474> **BUT Pui Hay Paul; POON W.s. Alice and SHAW Pang Chui.** "Symposium for a Hundred Years of Plant Systematics in China". Paper presented in the Symposium for a Hundred Years of Plant Systematics in China, organized by Xianhu Botanical Garden, 1-5 pgs. Shenzhen, China, 2005.02.25.
- <P058911> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Upregulation of the Somatotropic Axis Is Correlated with Increased G6PDH Expression in Black Sea Bream Adapted to Iso-osmotic Salinity". *Annals of the New York Academy of Sciences* vol.1040 pp.293-296. New York, United States of America: The New York Academy of Sciences, 2005.05.
- <P059124> **SURENJAV Unursaikhan; ZHANG Lina; XU Xiao-juan; ZHANG Mei; CHEUNG Chi Keung Peter and ZENG Fan-bo.** "Structure, Molecular Weight and Bioactivities of (1→3)-β-D-Glucans and Its Sulfated Derivatives from Four Kinds of *Lentinus edodes*". *Chinese Journal of Polymer Science* vol.23 no.3, pp.327-336. World-Scientific, 2005.03.
- <P059207> **MO Beixin; TSOI S M and JIANG Liwen.** "Tonoplasts intrinsic proteins as markers for seed protein storage vacuole and its subcompartments.". *8th International Workshop on Seed* pp.1. Brisbane, Australia: International Society for Seed Science, 2005.05.
- <P059388> **LAU Stanley Ck; TSOI Mandy My; LI X C; PLAKHOTNIKOVA L; DOBRETSOV S; LAU Ken Wk; WU Madeline; WONG Po Keung; PAWLIK J R and QIAN P Y.** "*Winogradskyella poriferorum* sp. nov., a novel member of the family *Flavobacteriaceae* isolated from a sponge in the Bahamas.". *International Journal of Systematic and Evolutionary Microbiology* vol.55 pp.1589-1592. Great Britain: IUMS, 2005.
- <P059432> **SHAM LOK TO; SZETO YING YING; SHIH Sheung Mei; NG Tak Pan; BIAN Xue Lin and KWAN Hoi Shan.** "Transcription Profiles and Promoter Sequences of Differentially Expressed Hydrophobin Genes of *Lentinula edodes*". Paper presented in the *105th General Meeting of American Society for Microbiology*, 1 pgs. Atlanta, United States of America, 2005.06.04.
- <P059618> **LAM Hon Ming; SHAO Guihua; WONG Fuk Ling; PHANG Tsui Hung; LI Francisca Wing-yen; TSAI Sau Na; KOO Siu-chung; CHENG Chun-chiu and YU Bingjun.** "Molecular Studies of Salt Tolerance in Soybean". Paper presented in the 2005 Hong Kong Soybean Conference: Facing the Challenges in China's Soybean Production, p.9. Hong Kong, 2005.06.
- <P059651> **BUT Pui Hay Paul.** "From traditional systematics to plant cladistics and virtual plant study trails". *Symposium in Celebration of the 100th Birthday of Professor Shu-Ying Hu* pp.17. Hong Kong SAR, 2005.03.01.

<P059687> **CHU Ka Hou and CHAN T. Y.** "Molecular Diversity of Decapod Crustaceans Revealed by Mitochondrial DNA: from Taxonomy to Phylogeography". Paper presented in the 2005 International Ocean Research Conference, 2 pgs. Paris, France, 2005.06.06.

See Also <P035494 >, <P040005 >, <P041529 >, <P042788 >, <P043267 >, <P043812 >, <P043848 >, <P043926 >, <P044187 >, <P044366 >, <P045328 >, <P045526 >, <P045663 >, <P046787 >, <P047280 >, <P047328 >, <P049840 >, <P050025 >, <P051244 >, <P054191 >, <P054982 >, <P055055 >, <P055880 >, <P058009 >, <P982713 >

- <P040171> **YANG Yu-ying and CHOW Hak Fun.** "Synthesis and Self-Assembly of Amphiphilic Hydrocarbon Dendrons". Paper presented in the The 8th International Symposium for Chinese Organic Chemists, organized by Department of Chemistry, The Chinese University of Hong Kong, PP-155. Hong Kong SAR, 2004.12.12.
- <P040380> **JIANG Zi-tao; ZUO Yu-min; LI Rong and YU Jimmy C.** "Chromatographic Retention of Polybutadiene Coated Titania Stationary Phase Using Quantitative Structure-Retention Relationships". *Chemia Analityczna* vol.49 pp.551-559. Warsaw, Poland: Warsaw University, 2004.10.
- <P040427> **XU Xiaojuan; ZHANG Xufeng; ZHANG Lina and WU Chi.** "Collapse and Association of Denatured Lentinan in Water/Dimethylsulfoxide Solutions". *Biomacromolecules* vol.5 pp.1893-1898. United States of America: American Chemical Society, 2004.
- <P040850> **HUANG Haiying; HU Zhijun; CHEN Yongzhong; ZHANG Fajun; GONG Yumei; HE Tianbai and WU Chi.** "Effects of Casting Solvents on the Formation of Inverted Phase in Block Copolymer Thin Films". *Macromolecules* vol.37 pp.6523-6530. United States of America: American Chemical Society, 2004.
- <P040861> **YU Jimmy C.** "Preparation of Visible Light Photocatalysts by Nonmetal Doping and Semiconductor Sensitization". Paper presented in the Workshop on Visible Light Photocatalysts, organized by National Dong Hwa University, Hualien, Taiwan, 2004.07.03.
- <P040912> **MAK Thomas Chung Wai and LAM Chi Keung.** "Hydroquinone". *Encyclopedia of Supramolecular Chemistry* pp.679-686. New York, United States of America: Marcel Dekker, Inc., 2004.
- <P040961> **ZHANG Yongfan and LIU Zhifeng.** "Oxidation of Zigzag Carbon Nanotubes by Singlet O<sub>2</sub>: Dependence on the Tube Diameter and the Electronic Structure". *J. Phys. Chem. B* vol.108 pp.11435-11441. United States of America: American Chemical Society, 2004.07.01.
- <P041136> **TANG Yuan - You; LI Rui - Xiang; LI Xian - Jun; WONG Ning - Bew; TIN Kim - Chung; ZHANG Zhe - Ying and MAK Thomas Chung Wai.** "Preparation and Characterization of A New Dinuclear Ruthenium Complex with BDPX Ligand and Its Catalytic Hydrogenation Reactions for Cinnamaldehyde". *Chinese Journal of Chemistry* vol.22 no.7, pp.738-742. China, 2004.
- <P041225> **WU Ling; YU Jimmy C.; ZHANG Lizhi; WANG Xinchun and LI Siu Kong Andrew.** "Selective Self-Propagating Combustion Synthesis of Hexagonal and Orthorhombic Nanocrystalline Yttrium Iron Oxide". *Journal of Solid State Chemistry* vol.177 pp.3666-3674. United States of America: Elsevier Inc., 2004.10.
- <P041263> **WANG Hao; YE Wen Cai; JIANG Ren Wang; WU Jia Jiang; MAK Thomas Chung Wai; ZHAO Shou Xun and YAO Xin Sheng.** "Three New Cyclopentanoid Monoterpenes from *Picrorhiza Scrophulariiflora*". *Letter ... Planta Med* vol.70 pp.382-384. United States of America: Georg Thieme Verlag Stuttgart, New York, 2004.
- <P041378> **HO Wing Kei and YU Jimmy C.** "Efficient Visible Light-Induced Photocatalytic Disinfection of Sulfur-Doped Nanocrystalline Titania". *2004' National Conference on Solar Energy Photochemistry and Photocatalysis* pp.175. Lanzhou, China, 2004.09.30.
- <P041766> **NG Kee Pui Dennis; BIAN Yongzhong; WANG Rongming; WANG Daqi; ZHU Renjie; DOU Jianmin; LIU Wei; MA Changqin; JIANG Jianzhuang; CHOI Chi Fung and CHAN Hoi Shan.** "Synthesis, Structure, and Spectroscopic and Electrochemical Properties of Heteroleptic Bis(phthalocyaninato) Rare Earth Complexes with a C<sub>4</sub> Symmetry". *Helvetica Chimica*

*Acta* vol.87 no.10, pp.2581-2596. Zurich: Verlag Helvetica Chimica Acta AG, 2004.10.

- <P042049> **HE Cheng; WU Chi and WINNIK A. Mitchell.** "Kinetics of Reversible Aggregation of Soft Polymeric Particles in Dilute Dispersion". *Macromolecules* vol.37 pp.5127-5129. United States of America: American Chemical Society, 2004.
- <P042067> **GAO Bing and LIU Zhifeng.** "A First Principles Study on the Solvation and Structure of  $\text{SO}_4^{2-}(\text{H}_2\text{O})_n$ ,  $n=6-12$ ". *Journal of Chemical Physics* vol.121 no.17, pp.8299. United States of America: American Institute of Physics, 2004.11.01.
- <P042827> **NGAI To; WU Chi and CHEN Yun.** "Origins of the Speckles and Slow Dynamics of Polymer Gels". *J. Phys. Chem. B* vol.108 pp.5532-5540. United States of America: American Chemical Society, 2004.
- <P042884> **NG Kee Pui Dennis; LU Fanli; SUN Xuan; LI Renjie; LIANG Dongbo; ZHU Peihua; CHOI Chi Fung; FUKUDA Takamitsu; KOBAYASHI Nagao; BAI Ming; MA Changqin and JIANG Jianzhuang.** "Synthesis, Spectroscopic Properties, and Electrochemistry of Heteroleptic Rare Earth Double-Decker Complexes with Phthalocyaninato and meso-Tetrakis(4-chlorophenyl)porphyrinato ligands". *New Journal of Chemistry* vol.28 pp.1116-1122. Cambridge, United Kingdom: Royal Society of Chemistry, 2004.09.09.
- <P042898> **ZHANG X. H.; LIU Zhifeng and GONG X. G..** "Comment on "Collapse of Single-Wall Carbon Nanotubes is Diameter Dependent". *Physical Review Letters* vol.93 no.14, pp.149601. United States of America: The American Physical Society, 2004.10.01.
- <P042937> **CHOW Hak Fun; NG Man Kit; LEUNG Chi Wing and WANG Guo Xin.** "Dendrimer Interior Functional Group Conversion and Dendrimer Metamorphosis - New Approaches to the Synthesis of Oligo(Dibenzyl Sulfone) and Oligo(phenylenevinylene) Dendrimers". *Journal of the American Chemical Society* vol.126 12907-12915. United States of America: American Chemical Society, 2004.10.13.
- <P042953> **NG Kee Pui Dennis; BIAN Yongzhong; LI Lei; DOU Jianmin; LI Renjie; MA Changqin; CHENG Yan Yip Diana; KOBAYASHI Nagao and JIANG Jianzhuang.** "Synthesis, Structure, Spectroscopic Properties, and Electrochemistry of (1,8,15,22-Tetrasubstituted phthalocyaninato)lead Complexes". *Inorganic Chemistry* vol.43 no.23, pp.7539-7544. Washington: American Chemistry Society, 2004.11.15.
- <P043121> **ZHOU Gentao; WANG Xinchun and YU Jimmy C..** "Hydrothermal Synthesis of a Novel Sodium Vanadium Bronze with Single-crystalline Nanobelt-like Morphology". *Chemistry Letters* vol.33 pp.1612-1613. Japan: The Chemical Society of Japan, 2004.11.
- <P043619> **KWONG Fuk Yee; LAM Wai Har; YEUNG Chi Hung; CHAN Kin Shing and CHAN Albert S. C..** "A Simple and Highly Efficient P,O-type Ligand for Suzuki-Miyaura Cross-coupling of Aryl Halides". *Chem. Commun.* pp.1922-1923. United Kingdom: The Royal Society of Chemistry, 2004.
- <P043639> **LAM Chi Keung; CHAN Tze Lock and MAK Thomas Chung Wai.** "Trapping the Elusive 3-Thioallophanate Ion in a Hydrogen-bonded Host Lattice". *CrystEngComm* vol.6 no.50, pp.290-292. United Kingdom: The Royal Society of Chemistry, 2004.

- <P043687> **HO Ho On and LI Wai Kee.** "Ab Initio Study of the Cycloaddition Reaction Between Hexatriene and Ethylene". *Journal of Molecular Structure*: THEOCHEM vol.712 pp.49-66. Amsterdam, Netherlands: Elsevier B.V., 2004.
- <P043830> **NG Kee Pui Dennis; SUN Xuan; LI Renjie; WANG Daqi; DOU Jianmin; ZHU Peihua; LU Fanli; MA Changqin; CHOI Chi Fung; CHENG Yan Yip Diana; KOBAYASHI Nagao and JIANG Jianzhuang.** "Synthesis and Characterization of Mixed Phthalocyaninato and meso-Tetrakis(4-chlorophenyl)porphyrinato Triple-Decker Complexes - Revealing the Origin of Their Electronic Absorptions". *European Journal of Inorganic Chemistry* pp.3806-3813. Weinheim, Germany: Wiley-V C H Verlag GMBH, 2004.10.
- <P044021> **GEORGE Sumod; NANGIA Ashwini; LAM Chi Keung; MAK Thomas Chung Wai and NICOUD Jean - Francois.** "Crystal Engineering of Urea  $\alpha$ -Network via I<sup>-</sup>O<sub>2</sub>N Synthons and Design of SHG Active Crystal N-4-iodophenyl-N'-4'-nitrophenylurea". *Chem. Commun.* pp.1202-1203. United Kingdom: The Royal Society of Chemistry, 2004.
- <P044078> **WU LING and YU Jimmy C..** "Sol-solvothermal Synthesis and Dye sensitized Photocatalytic Activity of Mesoporous TiO<sub>2</sub> Nanocrystal". 2004 年全國太陽能光化學與光催化學術會議 ed. by WU LING and YU Jimmy C. . pp.146. Lanzhou, China, 2004.09.30.
- <P044142> **HO Ho On and LI Wai Kee.** "A G3(MP2) Study on the Electrocyclic Reactions of [12]annulene". *Journal of Molecular Structure (Theochem)* vol.711 pp.133-139. Netherlands: Elsevier B.V., 2004.
- <P044205> **ZHAO Xiao Li and MAK Thomas Chung Wai.** "Silver Cages with Encapsulated Acetylenediide as Building Blocks for Hydrothermal Synthesis of Supramolecular Complexes with *n*-cyanopyridine and Pyridine-*n*-carboxamide (*n*=3,4)". *Dalton Trans.* pp.3212-3217. United Kingdom: The Royal Society of Chemistry, 2004.
- <P044238> **YANG Cheng; KIZHAKKEDATHU N. Jayachandran; BROOKS E. Donald; JIN FAN and WU Chi.** "Laser-Light-Scattering Study of Internal Motions of Polymer Chains Grafted on Spherical Latex Particles". *J. Phys. Chem. B* vol.108 pp.18479-18484. United States of America: American Chemical Society, 2004.
- <P044366> **PAK A H; TSE C Y; WONG O N; CHAN Kam Ming and WONG Chong Kim.** "Histopathological alterations as indicators for evaluating the sublethal effects of suspended sediment on the orange-spotted grouper *Epinephelus coioides*". Paper presented in the 7th Asian Fisheries Forum, organized by Asian Fisheries Society, 1 pgs. Penang, Malaysia, 2004.12.
- <P044427> **CHEN Y. William; LI Y. Christopher; ZHENG X. Joseph; HUANG Ping; ZHU Lei; GE Qing; QUIRK P. Roderic; LOTZ Bernard; DENG Lingfeng; WU Chi; THOMAS L. Edwin and CHENG Z. D. Stephen.** ""Chemically Shielded" Poly(ethylene oxide) Single Crystal Growth and Construction of Channel-Wire Arrays with Chemical and Geometric Recognitions on a Submicrometer Scale". *Macromolecules* vol.37 pp.5292-5299. United States of America: American Chemical Society, 2004.
- <P044447> **YANG Cheng; LI Wei and WU Chi.** "Laser Light-Scattering Study of Solution Dynamics of Water/Cycloether Mixtures". *J. Phys. Chem. B* vol.108 pp.11866-11870. United States of America: American Chemical Society, 2004.
- <P044761> **WANG Xinchen and YU Jimmy C..** "Pore-Wall Chemistry and Photocatalytic Activity of Mesoporous Titanium Dioxide Molecular Sieve Thin-Films". 2004' National Conference on Solar Energy

*Photochemistry and Photocatalysis* pp.69. Lanzhou, China, 2004.09.30.

- <P044982> **MAK Kin Wah.** "Synthesis and Resolution of the Atropisomeric 1,1'-Bi-2-naphthol: An Experiment in Organic Synthesis and 2-D NMR Spectroscopy". *Journal of Chemical Education* vol.81 no.11, pp.1636-1640. United States of America: American Chemical Society, 2004.
- <P045367> **YU Jimmy C.; KWONG Tsz Yan; CAI Zongwei and LUO Qian.** "Photocatalytic Degradation of Triclosan". *The China International Symposium on Persistent Toxic Substances* Beijing, China: Research Center for Eco-Environmental Sciences, CAS, 2004.11.08.
- <P045373> **WONG Nai Ching Henry; LEUNG N.-w. G.; HO N.-m. E.; LEUNG K.-k. D.; TANG P.-w. F.; YIU C.-h. K.; WAN S.-m. T.; YEUNG Hok Keung John and XU Xiaohua.** "Metabolic Studies of Clostebol Acetate and Mesterolone in Horses ". Paper presented in the 15th International Conference of Racing Analysts and Veterinarians (21-27 May 2004) Dubai, United Arab Emirates, organized by Dubai, United Arab Emirates, 146-154 pgs. Newmarket, Suffolk, United Kingdom, 2004.
- <P045455> **WANG Xinchen and YU Jimmy C..** "Nonaggregated Zinc Phthalocyanine in Mesoporous Nanocrystalline TiO<sub>2</sub> Thin Films". *Macromolecular Rapid Communications* vol.25 no.15, pp.1414-1418. Germany: Wiley-VCH Verlag GmbH, 2004.08.02.
- <P045527> **KWONG Fuk Yee; CHAN Kin Shing; YEUNG Chi Hung and CHAN Albert S. C..** "An Active Ferrocenyl Triarylphosphine for a Palladium-catalyzed Suzuki-Miyaura Cross-coupling of Aryl Halides". *Chem. Commun.* pp.2336-2337. United Kingdom: The Royal Society of Chemistry, 2004.
- <P046017> **YU Jimmy C..** "Method for Preparing Mesoporous TiO<sub>2</sub> Thin Films with High Photocatalytic and Antibacterial Activities". US Patent No. 6803077. United States of America, 2004.10.12.
- <P046097> **YIM Wai Leung and LIU Zhifeng.** "A Reexamination of The Chemisorption and Desorption of Ozone on the Exterior of a (5,5) Single-walled Carbon Nanotube". *Chemical Physics Letters* vol.398 pp.297-303. Elsevier B.V., 2004.
- <P046438> **CHAN Kin Shing; ZHANG Lirong and FUNG Chun Wah.** "Oxidative Addition of Silyl Cyanides to Rhodium Porphyrin Radical: Isocyanide or Cyanide Transfer Mechanism". *Organometallics* vol.23 pp.6097-6098. United States of America: American Chemical Society, 2004.
- <P046566> **HO Cheuk Nang; KWOK Chit Wan; CHI Lai Man and LAM Sik Lok.** "Random Coil Phosphorus Chemical Shifts of Deoxyribonucleic Acids". Paper presented in the Proceedings of the 13th National Magnetic Resonance Conference, p.36. 2004.08.15.
- <P046799> **WU Chi; LI Wei and ZHU Xiao Xia.** "Viscoelastic Effect on the Formation of Mesoglobular Phase in Dilute Solutions". *Macromolecules* vol.37 pp.4989-4992. United States of America: American Chemical Society, 2004.
- <P046950> **WONG Nai Ching Henry; HOU Xue-long; YANG Zhen and YEUNG Kap-sun.** "Five-Membered Ring System : Furans and Benzofurans ". *Progress in Heterocyclic Chemistry* ed. by G.W. Gribble and J.A. Joule. 1st ed. pp.156-197. Amsterdam, Netherlands: Elsevier, 2004.08.01.
- <P047003> **YU Jimmy C..** "Application of Photocatalytic Technology in Air Pollution Treatment". *The Mainland-Hong Kong-Taiwan-Macau Environmental Protection Symposium* ed. by HO

Kin-Chung. pp.29-30. Hong Kong SAR: The Open University of Hong Kong, 2004.11.29.

- <P047116> **NG Kee Pui Dennis; HUANG Jian - Dong; CHENG Yan Yip Diana; CHAN Y. M. Elaine; FONG Wing Ping; KO Wing Hung and LO Pui Chi.** "New Amphiphilic Silicon(IV) Phthalocyanines as Efficient Photosensitizers for Photodynamic Therapy: Synthesis, Photophysical Properties, and in vitro Photodynamic Activities". *Chemistry European Journal* vol.10 pp.4831-4838. Weinheim, Germany: Wiley-VCH Verlag, 2004.10.04.
- <P047127> **SUN Yi; CHAN Hoi Shan; DIXNEUF Pierre H. and XIE Zuwei.** "Synthesis, Structural Characterization, Ligand Displacement Reaction, and Electrochemical Property of Ruthenium Complexes Incorporating Linked Cyclopentadienyl-Carboranyl Ligands". *Organometallics* vol.23 pp.5864-5872. United States of America: American Chemical Society, 2004.
- <P047161> **HO CHUN MAN and YU Jimmy C..** "Surface Functionalization of Titanium Dioxide Nanotubes As Highly Efficient Heterogeneous Photocatalysts". *2004 年全國太陽能光化學與光催化學術會議* ed. by Ho CHUN MAN and YU Jimmy C. . Lanzhou, China, 2004.09.30.
- <P047283> **ZHENG Wenxu; WONG Ning Bew; LI Wai Kee and TIAN Anmin.** "Tri-s-triazine and Its Nitrogen Isoelectronic Equivalents: An ab Initio Study". *J. Phys. Chem. A* vol.108 pp.11721-11727. United States of America: American Chemical Society, 2004.
- <P047657> **LI Wei; HUNG Liang Zhi; NGAI To; HUANG Hai Ying; HE Tian Bai and WU Chi.** "A Comparative Study of Chain Dynamics of Di- and Tri-block Copolymers in Semidilute Solution in a Non-selective Solvent". *Chinese Journal of Polymer Science* vol.22 no.6, pp.589-598. China: Springer-Verlag, 2004.
- <P047739> **YU Jiaguo; YU Jimmy C.; ZHANG Lizhi; WANG Xinchen and WU Ling.** "Facile Fabrication and Characterization of Hierarchically Porous Calcium Carbonate Microspheres". *Chemical Communications* pp.2414-2415. United Kingdom: The Royal Society of Chemistry, 2004.10.
- <P047942> **ZHANG Lin Ping; LAM Chi Keung; SONG Hai Bin and MAK Thomas Chung Wai.** "Crystalline Hydrates and Polymeric Ag(I) Complexes of Isomeric Flexible Double Betaines 1,4-Bis(*n*-picolyloxy)benzene-*N,N'*-diacetate (*n*=2,3,4)". *Polyhedron* vol.23 pp.2413-2425. Elsevier Ltd, 2004.
- <P048055> **SUN Yi; CHAN Hoi Shan; DIXNEUF Pierre H. and XIE Zuwei.** "An Unprecedented Intramolecular Coupling of *o*-carboranyl and Cyclopentadienyl. Synthesis and Structural Characterization of a Ruthenium Complex Containing a Novel Doubly-bridged Cyclopentadienyl-carboranyl Ligand". *Chem. Commun.* pp.2588-2589. United Kingdom: The Royal Society of Chemistry, 2004.
- <P048153> **YU Jimmy C.; WANG Xinchen; WU Ling; HO Wing Kei; ZHANG Lizhi and ZHOU Gentao.** "Sono- and Photochemical Routes for the Formation of Highly Dispersed Gold Nanoclusters in Mesoporous Titania Films". *Advanced Functional Materials* vol.14 pp.1178-1183. Germany: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2004.12.
- <P048518> **NG Kee Pui Dennis; ZHAO Yue; WU Chi and FU Jie.** "Formation and Degradation of Poly(D,L-lactide) Nanoparticles and their Potential Application as Controllable Releasing Devices". *Macromolecular Bioscience* vol.4 pp.901-906. Weinheim: Wiley-VCH, 2004.09.16.



- <P048891> **CHEN Y. William; ZHENG X. Joseph; CHENG Z. D. Stephen; LI Y. Christopher; HUANG Ping; ZHU Lei; XIONG Huiming; GE Qing; GUO Ya; QUIRK P. Rodric; LOTZ Bernard; DENG Lingfeng; WU Chi and THOMAS L. Edwin.** "Onset of Tethered Chain Overcrowding". *Physical Review Letters* vol.93 no.2, pp.028301-028304. United States of America: The American Physical Society, 2004.07.09.
- <P049052> **KWONG Wai Chuen; CHAN Hoi Shan; TANG Yong and XIE Zuowei.** "Substituent Effects. Synthesis and Structural Characterization of Group 4 Metallacarboranes Containing  $(C_6H_5CH_2)_2C_2B_9H_9^{2-}$  and  $[o-C_6H_4(CH_2)_2]C_2B_9H_9^{2-}$  ligands". *Organometallics* vol.23 pp.4301-4307. United States of America: American Chemical Society, 2004.08.
- <P049278> **ZHANG Lizhi; YU Jimmy C.; MO Maosong; WU Ling; LI Quan and KWONG Kwan Wai.** "A General Solution-Phase Approach to Oriented Nanostructured Films of Metal Chalcogenides on Metal Foils: The Case of Nickel Sulfide". *Journal of the American Chemical Society* vol.126, pp.8116-8117. United States of America: American Chemical Society, 2004.07.07.
- <P049295> **WANG Yanchun; LAI Chi Wai; KWONG Fuk Yee; WEN Jia and CHAN Kin Shing.** "Synthesis of Aryl Phosphines via Phosphination with Triphenylphosphine by Supported Palladium Catalysts". *Tetrahedron* vol.60 pp.9433-9439. United Kingdom: Elsevier Ltd., 2004.
- <P049434> **ZHOU Gentao; YU Jimmy C.; WANG Xinchun and ZHANG Lizhi.** "Sonochemical Synthesis of Aragonite-Type Calcium Carbonate with Different Morphologies". *New Journal of Chemistry* vol.28 pp.1027-1031. United Kingdom: The Royal Society of Chemistry and The Centre National De La Recherche Scientifi, 2004.08.
- <P049446> **NGAI To; WU Chi and CHEN Yun.** "Effects of Temperature and Swelling on Chain Dynamics during the Sol-Gel Transition". *Macromolecules* vol.37 pp.987-993. United States of America: American Chemical Society, 2004.
- <P049528> **ZHANG X. H. ; SUN D. Y. ; LIU Zhifeng and GONG Xingao.** "Structure and Phase Transitions of Single-wall Carbon Nanotube Bundles under Hydrostatic Pressure". *Physical Review B* vol.70 pp.035422-035426. United States of America: The American Physical Society, 2004.07.30.
- <P049627> **SHING Kung Ming Tony; LEE Chi Man and LO Ho Yin.** "A Synthetic Approach Toward Taxol Analogs: Studies on the Construction of the CD Ring". *Tetrahedron* vol.60 pp.9179-9197. United Kingdom: Elsevier Ltd., 2004.
- <P049866> **KWONG Tsz Yan and YU Jimmy C.** "GC/MS Determination of Photocatalytic Oxidation Intermediates of Triclosan". Paper presented in the 7th Asian Conference on Analytical Sciences, organized by Hong Kong Baptist University, Hong Kong SAR, 2004.07.28.
- <P049891> **YU Jimmy C.** "Bactericidal Photocatalytic Thin Films". *2004' National Conference on Solar Energy Photochemistry and Photocatalysis* pp.4-5. Lanzhou, China, 2004.09.30.
- <P050106> **LAM Sik Lok and CHI Lai Man.** "Unusual Primer-Template Structures for Low-Fidelity DNA Polymerases". *XXIst International Conference on Magnetic Resonance in Biological Systems* pp.183. 2005.01.16.
- <P050343> **ZHAO Xiao Li; WANG Quan Ming and MAK Thomas Chung Wai.** "Betaine-induced Assembly of Neutral Infinite Columns and Chains of Linked Silver(I) Polyhedra with Embedded Acetylenediide". *Chem. Eur. J* vol.11 pp.2094-2102. Germany: Wiley-VCH Verlag GmbH & Co.

KGaA, Weinheim, 2005.02.15.

- <P050348> **LAM Chi Keung; XUE Feng; ZHANG Jie Peng; CHEN Xiao Ming and MAK Thomas Chung Wai.** "Hydrogen-Bonded Anionic Rosette Networks Assembled with Guanidinium and  $C_3$ -Symmetric Oxoanion Building Blocks". *J. Am. Chem. Soc.* vol.127 pp.11536-11537. United States of America: American Chemical Society, 2005.
- <P050478> **ZHANG Lizhi; YU Jimmy C.; MO Maosong; WU Ling; KWONG Kwan Wai and LI Quan.** "A General in situ Hydrothermal Rolling-Up Formation of One-Dimensional, Single-Crystalline Lead Telluride Nanostructures". *Small* vol.1 pp.349-354. Germany: Wiley-VCH, 2005.01.
- <P050785> **TAN Duanming and CHAN Kin Shing.** "Asymmetric Transfer Hydrogenation of Ketones in 2-propanol Catalyzed by Arsinooxazoline-ruthenium(II) Complex". *Tetrahedron Letters* vol.46 pp.503-505. Elsevier Ltd., 2005.
- <P051132> **FAN Xiaoli; ZHANG Yongfan; LAU Leo Woon Ming and LIU Zhifeng.** "Adsorption of Triplet  $O_2$  on Si(100): The Crucial Step in the Initial Oxidation of a Silicon Surface". *Physical Review Letters* vol.94 art. no. 016101 (4 pages). United States of America: The American Physical Society, 2005.01.14.
- <P051147> **WONG Nai Ching Henry; HOU Long Xue and HUANG Hui.** "Planar Dehydro[8]annulenes and Their Ramifications: Substituted Tribenzo[*a,c,e*]cyclooctenes and Tetrabenzo[*a,c,e,g*]cyclooctenes". *Synlett* vol.- no.7, pp.1073-1089. Stuttgart, Germany: Thieme Stuttgart, 2005.05.01.
- <P051200> **WANG Xinchun; YU Jimmy C.; HO Chun Man; HOU Yidong and FU Xianzhi.** "Photocatalytic Activity of a Hierarchically Macro/Mesoporous Titania". *Langmuir* vol.21 pp.2552-2559. United States of America: American Chemical Society, 2005.03.
- <P051251> **CHEN Xu Dong and MAK Thomas Chung Wai.** "Aqueated Divalent Zinc, Cobalt and Cadmium Complexes of 2-pyridinyl-4-pyridinylmethanone and Assembly of Their Hydrogen-bonded Networks". *Inorganic Chemistry Communications* vol.8 pp.393-396. Elsevier B.V., 2005.
- <P051290> **NG Kee Pui Dennis; ZEUG Andre; MEYER Matthias; LO PUI CHI and RODER Beate.** "Fluorescence anisotropy and transient absorption of halogenated silicon(IV) phthalocyanines with axial poly(ethyleneglycol) substituents". *Journal of Porphyrins and Phthalocyanines* vol.9 no.4, pp.298-302. Dijon, France: Society of Porphyrin and Phthalocyanine, 2005.04.
- <P051356> **CHI Lai Man and LAM Sik Lok.** "Structural roles of CTG repeats in slippage expansion during DNA replication". *Nucleic Acids Research* vol.33 no.5, pp.1604-4617. Oxford University Press, 2005.03.14.
- <P051782> **TO Kin Wah Kenneth; HO Yee Ping and AU-YEUNG Chik Fun Steve.** "Synergistic Interaction between Platinum-based Antitumor Agents and Demethylcantharidin". *Cancer Letters* vol.223 pp.227-237. Ireland: Elsevier Science Ireland Ltd., 2005.06.
- <P051918> **SRIVASTAVA N. D.; POL G. V.; PALCHIK O.; ZHANG Lizhi; YU Jimmy C. and GEDANKEN A..** "Preparation of Stable Porous Nickel and Cobalt Oxides Using Simple Inorganic Precursor, Instead of Alkoxides, by a Sonochemical Technique". *Ultrasonics Sonochemistry* vol.12 pp.205-212. United Kingdom: Elsevier B.V., 2005.01.

- <P051988> **FUNG Y. M. Eva; KJELDSEN Frank; SILIVRA Oleg A.; CHAN Tak Wah Dominic and ZUBAREV Roman A.** "Facile Disulfide Bond Cleavage in Gaseous Peptide and Protein Cations by Ultraviolet Photodissociation at 157 nm". *Angew. Chem. Int. Ed.* vol.44 pp.2-7. Germany: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2005.
- <P052200> **NG Kee Pui Dennis; ZHU Peihua; PAN Na; LI Renjie; DOU Jianmin; ZHANG Ying; CHENG Yan Yip Diana; WANG Daqi and JIANG Jianzhuang.** "Electron-Donating Alkoxy-Group-Driven Synthesis of Heteroleptic Tris(phthalocyaninato) Lanthanide(III) Triple-Deckers with Symmetrical Molecular Structure". *Chemistry - A European Journal* vol.11 pp.1425-1432. Weinheim: Wiley-VCH, 2005.02.18.
- <P052334> **WANG Xinchun; YU Jimmy C.; HO Chun Man and MAK Chun Chung.** "A Robust Three-Dimensional Mesoporous Ag/TiO<sub>2</sub> Nanohybrid Film". *Chemical Communications* pp.2262-2264. United Kingdom: The Royal Society of Chemistry, 2005.04.
- <P052785> **余濟美.** <不銹鋼表面納米光催化薄膜的制備方法>. Patent No.: ZL 021470898, 中國, 2005.06.29.
- <P053012> **WEI Lixia; YANG Bin; YANG Rui; HUANG Chaoqun; WANG Jing; SHAN Xiaobin; SHENG Liusi; ZHANG Yunwu; QI Fei; LAM Chow Shing and LI Wai Kee.** "A Vacuum Ultraviolet Photoionization Mass Spectrometric Study of Acetone". *J. Phys. Chem. A* vol.109 pp.4231-4241. Washington, United States of America: American Chemical Society, 2005.05.19.
- <P053024> **WANG Hong; CHAN Hoi Shan and XIE Zuwei.** "Synthesis, Characterization, and Reactivity of Terminal Titanium Imido Complexes Incorporating Constrained-Geometry Carboranyl Ligands". *Organometallics* vol.24 pp.3772-3779. United States of America: American Chemical Society, 2005.
- <P053099> **NG Kee Pui Dennis; LEE Pui Sze Priscilla; NGAI To; WU Chi and YANG Cheng.** "Synthesis, Characterization, and Degradation of Silicon(IV) Phthalocyanines Conjugated Axially with Poly(sebacic anhydride)". *Journal of Polymer Science: Part A Polymer Chemistry* vol.43 pp.837-843. Wiley InterScience, 2005.01.
- <P053142> **XIE Zuwei.** "Role of Carborane in Polymerization and Insertion Reactions". *Chinese Journal of Chemistry* vol.23 pp.1100-1102. Shanghai, China: SIOC, CAS, Shanghai, & Wiley-VCH Verlag GmbH & Co. KGaA, 2005.
- <P053248> **CHEN Xu Dong and MAK Thomas Chung Wai.** "Solvent-controlled Generation of Two Pairs of Mononuclear Single-strand Helical Copper(II) Complexes of 2,6-pyridinediylbis(2-pyridinyl)methanone: Metal-promoted Hydrolysis and Solvolysis with Asymmetric Induction". *Inorganica Chimica Acta* vol.358 pp.1107-1112. Elsevier B. V., 2005.03.01.
- <P053253> **ZHANG R. Q.; LEE Ho Lam; LI Wai Kee and TEO Boon K..** "Investigation of Possible Structures of Silicon Nanotubes via Density-Functional Tight-Binding Molecular Dynamics Simulations and ab Initio Calculations". *J. Phys. Chem. B* vol.109 pp.8605-8612. United States of America: American Chemical Society, 2005.04.14.
- <P053370> **CHAN Hoi Shan; CHEUNG Mak Shuen and XIE Zuwei.** "Synthesis, Structural Characterization, and Reactivity of Rare Earth Complexes Incorporating Lewis Base Appended *nido*-Carborane Anions of the C<sub>2</sub>B<sub>9</sub> and C<sub>2</sub>B<sub>10</sub> Systems". *Organometallics* vol.24 pp.4207-4215. United States of America: American Chemical Society, 2005.

- <P053597> **WONG Nai Ching Henry; CHAN Siu- Hin; LEE Hung Kay; FU Nanyan; CAI Zong Wei; CHEN Xiao Ming and WANG Yu Man.** "A Soluble Pentacene: Synthesis, EPR and Electrochemical Studies of 2,3,9,10-Tetrakis(trimethylsilyl)pentacene". *Chemical Communications* vol.N/A no.1, pp.66-68. Cambridge, United Kingdom: Royal Society of Chemistry, 2005.01.01.
- <P053741> **FUNG Y. M. Eva and CHAN Tak Wah Dominic.** "Experimental and Theoretical Investigations of the Loss of Amino Acid Side Chains in Electron Capture Dissociation of Model Peptides". *J. Am. Soc. Mass Spectrom.* vol.16 pp.1532-1535. United States of America: American Society for Mass Spectrometry, 2005.
- <P054505> **HO Ho On and LI Wai Kee.** "Energetics and Bonding Study of Hexamethylenetetramine and Fourteen Related Cage Molecules: An *ab initio* G3(MP2) Investigation". *J. Serb. Chem. Soc.* vol.70 no.4, pp.661-668. Belgrade, Yugoslavia: Serbian Chemical Society, 2005.04.
- <P054834> **WANG Xinchun; YU Jimmy C.; HOU Yidong and FU Xianzhi.** "Three-Dimensionally Ordered Mesoporous Molecular-Sieve Films as Solid Superacid Photocatalysts". *Advanced Materials* vol.17 pp.99-102. United States of America: Wiley-VCH Verlag GmbH, 2005.01.
- <P054855> **WONG Nai Ching Henry; CHAN Kin Fai; HUI Chi Wai; YIM Ho Kee and WU Xunwei.** "Use of Furans in Synthesis of Bioactive Compounds". *Pure and Applied Chemistry* vol.77 no.1, pp.139-143. United Kingdom: International Union of Pure and Applied Chemistry, 2005.01.01.
- <P054888> **YU Jimmy C..** "Sonochemical Preparation of Photocatalytic Nanomaterials". Paper presented in the 8th International Conference on Solar Energy and Applied Photochemistry, organized by Photoenergy Center, Ain Shams University, 2 pgs. Egypt, 2005.02.
- <P054978> **CHEUNG Mak Shuen; CHAN Hoi Shan and XIE Zuowei.** "A New Synthetic Route to High-Valent Half-Sandwich Group 4 Metallocarborane Alkyls. Synthesis and Structural Characterization of  $[\eta^1:\eta^6-(\text{Me}_2\text{NCH}_2\text{CH}_2)\text{C}_2\text{B}_{10}\text{H}_{11}]\text{Hf}(\text{CH}_2\text{SiMe}_3)_2$ ". *Organometallics* vol.24 no.13, pp.3037-3039. United States of America: American Chemical Society, 2005.06.13.
- <P055080> **ZHANG Yong-fan; LI Jun-qian and LIU Zhifeng.** "Selective Oxidation of the TiC(001) Surface by O<sub>2</sub>: Determined by the Surface States". *J. Phys. Chem. B* vol.108 pp.17143-17152. United States of America: American Chemical Society, 2004.
- <P055518> **CHEUNG Mak Shuen; CHAN Hoi Shan and XIE Zuowei.** "Synthesis and Structural Characterization of Mono- and Bisfunctional *o*-Carboranes". *Dalton Trans.* pp.2375-2381. United Kingdom: The Royal Society of Chemistry, 2005.
- <P055556> **WONG Nai Ching Henry; HOU Xue Long; YANG Zhen and YEUNG Kap Sun.** "Five-membered ring systems: furans and benzofurans". *Progress in Heterocyclic Chemistry* ed. by G.W. Gribble and J.A. Joule. - ed. pp.142-171. Amsterdam, Netherlands: 2002 Elsevier Science Inc., 2005.06.01.
- <P055653> **SIU Chi Kit and LIU Zhifeng.** "Reaction Mechanisms for Size-dependent H Loss in Mg<sup>+</sup>(H<sub>2</sub>O)<sub>n</sub>: Solvation Controlled Electron Transfer". *Phys. Chem. Chem. Phys.* vol.7 pp.1005-1013. United Kingdom: The Royal Society of Chemistry, 2005.
- <P055720> **HO Wing Kei; YU Jimmy C. and YU Jianguo.** "Photocatalytic TiO<sub>2</sub>/Glass Nanoflake Array Films". *Langmuir* vol.21 pp.3486-3492. United States of America: American Chemical

Society, 2005.04.

- <P055814> **CHEUNG Mak Shuen; CHAN Hoi Shan and XIE Zuowei.** "Synthesis, Structural Characterization, and Reactivity of 13-Vertex Lanthanacarboranes Bearing  $\eta^7$ -*arachno*-Carboranyl Ligands". *Organometallics* vol.24 pp.4468-4474. United States of America: American Chemical Society, 2005.
- <P055880> **YU Jimmy C.; HO Wing Kei; YU Jiaguo; YIP Ho Yin; WONG Po Keung and ZHAO Jincui.** "Efficient Visible-Light-Induced Photocatalytic Disinfection on Sulfur-Doped Nanocrystalline Titania". *Environmental Science and Technology* vol.39 pp.1175-1179. United States of America: American Chemical Society, 2005.02.
- <P056134> **WANG Hong; CHAN Hoi Shan; OKUDA Jun and XIE Zuowei.** "Synthesis, Structural Characterization, and Catalytic Properties of Group 4 Metal Complexes Incorporating a Phosphorous-Bridged Indenyl-Carboranyl Constrained-Geometry Ligand". *Organometallics* vol.24 pp.3118-3124. United States of America: American Chemical Society, 2005.
- <P056261> **WU Ling; YU Jimmy C.; WANG Xinchun; ZHANG Lizhi and YU Jiaguo.** "Characterization of Mesoporous Nanocrystalline TiO<sub>2</sub> Photocatalysts Synthesized via a Sol-Solvothetical Process at a Low Temperature". *Journal of Solid State Chemistry* vol.178 pp.321-328. United States of America: Elsevier, 2005.02.
- <P056267> **CHI LAI MAN and LAM Sik Lok.** "Structural Roles of CTG Repeats in DNA Trinucleotide Repeat Expansion". *21st International Conference on Magnetic Resonance in Biological Systems (ICMRBS)* Lai Man CHI and Sik Lok LAM 186. 2005.01.17.
- <P056353> **ZHAO Xiao Li and MAK Thomas Chung Wai.** "4,4'-Bipyridine and Bis(4-pyridyl)propane as Bridging Ligands in the Supramolecular Assembly of Silver(I) Polyhedra Containing Embedded Acetylenediide". *Polyhedron* vol.24 pp.940-948. Elsevier Ltd., 2005.
- <P056361> **ZHANG Lizhi; YU Jimmy C.; ZHENG Zhi and LEUNG Cheuk Wan.** "Fabrication of Hierarchical Porous Iron Oxide Films Utilizing the Kirkendall Effect". *Chemical Communications* pp.2683-2685. United Kingdom: The Royal Society of Chemistry, 2005.05.
- <P056869> **REDDY C. Malla; REDDY L. Sreenivas; AITIPAMULA Srinivasulu; NANGIA Ashwini; LAM Chi Keung and MAK Thomas Chung Wai.** "Engineering the Weak N-H $\cdots$  $\pi$  Hydrogen Bond in 4-tritylbenzamide Host and Controlling the Interaction Through Guest Selection". *CrystEngComm* vol.7 no.5, pp.44-52. United Kingdom: The Royal Society of Chemistry, 2005.
- <P057021> **YU Jiaguo and YU Jimmy C..** "Biomimetic Synthesis of CaCO<sub>3</sub> Particles with Specific Size and Morphology". *Key Engineering Materials* vol.280-283 pp.601-604. Switzerland: Trans Tech Publications Inc., 2005.02.
- <P057051> **LI Guangming; LAM Chi Keung; CHIEN Sheau W.; MAK Thomas Chung Wai and HOR T. S. Andy.** "Inter- and Hetero- metallic Assembly of Palladium Sulfide Aggregates: Crystal and Molecular Structures of [InPd<sub>2</sub>Cl<sub>3</sub>(dppf)<sub>2</sub>( $\mu_3$ -S)<sub>2</sub>]<sub>3</sub>CH<sub>2</sub>Cl<sub>2</sub> and [Ag<sub>2</sub>Pd<sub>2</sub>(NO<sub>3</sub>)<sub>2</sub>(dppf)<sub>2</sub>( $\mu_3$ -S)<sub>2</sub>]<sub>2</sub>CH<sub>2</sub>Cl<sub>2</sub>". *Journal of Organometallic Chemistry* vol.690 pp.990-997. Elsevier B.V., 2005.

- <P057070> **YU Jimmy C. and LIN Jun.** "Photocatalytic Titanium Dioxide Thin Films for Pollution Remediation". *Photo/Electrochemistry & Photobiology in Environment, Energy and Fuel*, 2005 ed. by Satoshi Kaneco. pp.223-246. India: Research Signpost, 2005.04.
- <P057241> **HO Chun Man; YU Jimmy C.; WANG Xinchun; LAI Sukyin and QIU Yongfu.** "Meso- and Macro-porous Pd/Ce<sub>x</sub>Zr<sub>1-x</sub>O<sub>2</sub> as Novel Oxidation Catalysts". *Journal of Materials Chemistry* vol.15 pp.2193-2201. United Kingdom: The Royal Society of Chemistry, 2005.05.
- <P057352> **HE Ju; MA Wanhong; SONG Wenjing; ZHAO Jincai; QIAN Xinhua; ZHANG Shibo and YU Jimmy C..** "Photoreaction of Aromatic Compounds at  $\alpha$ -FeOOH/H<sub>2</sub>O Interface in the Presence of H<sub>2</sub>O<sub>2</sub>: Evidence for Organic-Goethite Surface Complex Formation". *Water Research* vol.39 pp.119-128. United Kingdom: Elsevier, 2005.01.
- <P057393> **YEUNG Siu Kwan and CHAN Kin Shing.** "1,2-Rearrangements of  $\beta$ -Nitrogen-Substituted (Porphyrinato)rhodium(III) Ethyls". *Organometallics* vol.24 pp.2561-2563. United States of America: American Chemical Society, 2005.04.28.
- <P057625> **DENG Liang; CHEUNG Mak Suen; CHAN Hoi Shan and XIE Zuowei.** "Reduction of 1,2-(CH<sub>2</sub>)<sub>n</sub>-1,2-C<sub>2</sub>B<sub>10</sub>H<sub>10</sub> by Group 1 Metals. Effects of Bridge Length/Rigidity on the Formation of Carborane Anions". *Organometallics* vol.24 pp.6244-6249. United States of America: American Chemical Society, 2005.
- <P057893> **YU Jimmy C.; HU Xianluo; LI Quan and ZHANG Lizhi.** "Microwave-assisted Synthesis and *in-situ* Self-assembly of Coaxial Ag/C Nanocables". *Chemical Communications* pp.2704-2706. United Kingdom: The Royal Society of Chemistry, 2005.05.
- <P058024> **CHEN Xu Dong and MAK Thomas Chung Wai.** "Helical and Zigzag Coordination Polymeric Chains Derived from Di-3-pyridyl Ketone and Silver(I) Salts". *Journal of Molecular Structure* vol.743 pp.1-6. Elsevier B.V., 2005.
- <P058074> **KWONG Fuk Yee; LI Yue Ming; LAM Wai Har; QIU Liqin; LEE Hang Wai; YEUNG Chi Hung; CHAN Kin Shing and CHAN S. C. Albert.** "Rhodium-Catalyzed Asymmetric Aqueous Pauson-Khand-Type Reaction". *Chem. Eur. J* vol.11 pp.3872-3880. Germany: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2005.
- <P058175> **MO Maosong; YU Jimmy C.; ZHANG Lizhi and LI Siu Kong Andrew.** "Self-Assembly of ZnO Nanorods and Nanosheets into Hollow Microhemispheres and Microspheres". *Advanced Materials* vol.17 pp.756-760. Germany: WILEY-VCH Verlag GmbH & Co., 2005.03.
- <P058243> **NG Kee Pui Dennis; LO Pui Chi and CHENG Yan Yip Diana.** "Phthalocyanine Synthesis in Ionic Liquids: Preparation of Differently Substituted Phthalocyanines in Tetrabutylammonium Bromide". *Synthesis* no.7, pp.1141-1147. Stuttgart: Thieme, 2005.05.02.
- <P058276> **LEUNG Wing Por Kevin; SO Cheuk Wai; WU Yuen Sze; LI Hung Wing and MAK Thomas Chung Wai.** "Synthesis of Group 14 Metal Enamido, Alkenyl, Imido and Alkenyl-Amido Complexes from a Monoanionic Pyridyl-1-azaallyl Ligand". *Eur. J. Inorg. Chem.* pp.513-521. Germany: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2005.
- <P058616> **KWOK Chit Wan and LAM Sik Lok.** "Unusual Dynamics of AA Mismatch with 5'-Purine and 3'-Pyrimidine Flanking Bases". *XXIst International Conference on Magnetic Resonance in Biological Systems* p.186. 2005.01.16.

- <P058622> **DENG Liang; CHAN Hoi Shan and XIE Zuwei.** "Synthesis, Reactivity, and Structural Characterization of a 14-Vertex Carborane". *Angew. Chem. Int. Ed.* vol.44 pp.2128-2131. Germany: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2005.
- <P058796> **NG Kee Pui Dennis; WANG Rongming; LI Yong; LI Renjie; CHENG Yan Yip Diana; ZHU Peihua; BAO Meng; CUI Xuegui; KOBAYASHI Nagao and JIANG Jianzhuang.** "Heteroleptic Rare Earth Double-Decker Complexes with Naphthalocyaninato and Phthalocyaninato Ligands. General Synthesis, Spectroscopic, and Electrochemical Characteristics". *Inorganic Chemistry* vol.44 no.6, pp.2114-2120. Washington: American Chemical Society, 2005.03.21.
- <P058818> **CHEN Xu Dong and MAK Thomas Chung Wai.** "Order of the Coordinating Ability of Polyatomic Monoanions Established from Their Interaction with a Disilver(I) Metallacyclophane Skeleton". *Chem. Commun.* pp.3529-3531. United Kingdom: The Royal Society of Chemistry, 2005.
- <P058957> **HO Ho On and LI Wai Kee.** "A G3(MP2) Study on the Concerted Cycloaddition Reactions Between Ethylene and Azines As Well As Other Related Heterocyclic Systems". *Journal of Molecular Structure (Theochem)* vol.723 pp.195-204. Elsevier B.V., 2005.05.20.
- <P059063> **CHEN Xu Dong and MAK Thomas Chung Wai.** "Molecular and Supramolecular Architectures of Silver(I) and Copper(I) Complexes of 2,6-pyridinedilylbis(2-pyridinyl)methanone". *Journal of Molecular Structure* vol.748 pp.183-188. Elsevier B.V., 2005.
- <P059201> **ZHOU Gentao; WANG Xinchun and YU Jimmy C.** "Selected-Control Synthesis of NaV<sub>6</sub>O<sub>15</sub> and Na<sub>2</sub>V<sub>6</sub>O<sub>16</sub> · 3H<sub>2</sub>O Single-Crystalline Nanowires". *Crystal Growth & Design* vol.5 pp.969-974. United States of America: American Chemical Society, 2005.05.
- <P059294> **YEUNG Siu Kwan and CHAN Kin Shing.** "Selective Oxidation of (Porphyrinato)iridium(III) Arylethyls by Nitroxide: Evidence for Stabilization of Carbon-Centered Ir—CH<sub>2</sub>—CHR· Radicals by Iridium". *Organometallics* vol.24 pp.6426-6430. United States of America: American Chemical Society, 2005.
- <P059468> **CHEUNG Mak Shuen; CHAN Hoi Shan; BI Siwei; LIN Zhenyang and XIE Zuwei.** "Functional Sidearm Promoted Electron-Transfer Reactions: A New Route to Metallacarboranes Incorporating the  $\eta^7$ -*arachno*-Carboranyl Ligands". *Organometallics* vol.24 pp.4333-4336. United States of America: American Chemical Society, 2005.
- <P059776> **WONG Nai Ching Henry; YEUNG Hok Keung John; LEUNG N.w. G.; HO N.m. E.; TANG P.w. F.; WAN S.m. T. and LEUNG K.k. D.** "Metabolic Studies of Clostebol Acetate in Horses". *Chromatographia* vol.61 no.7/8, pp.397-402. Germany: Friedrich Vieweg & Sohn-Verlag GmbH & Co.KG, 2005.04.05.

See Also <P041918 >, <P043273 >, <P044073 >, <P044742 >, <P045335 >, <P046664 >, <P047606 >, <P051201 >, <P052758 >, <P054191 >, <P054278 >, <P056065 >, <P056550 >, <P057091 >

- <P035817> **LOK Tsan Ming and SHUM Kar Ping.** "On Matrix Rings over Unit-Regular Rings". *Beitrage zur Algebra und Geometrie* vol.44 no.1, pp.179-188. 2003.
- <P038674> **Ya-Guang Wang and Zhouping Xin.** "Stability and Existence of Multidimensional Subsonic Phase Transitions". *Acta Mathematicae Applicatae Sinica. English Series* vol.19 no.4, pp.529-558. springer-Verlag 2003, 2003.
- <P039980> **Hing Sun Luk and Stephen S.-T. Yau.** "Holomorphic De Rham Cohomology of Strongly Pseudoconvex CR Manifolds with  $S^1$ -actions". *Journal of Differential Geometry* vol.63 no.1, pp.155-170. 2003.
- <P040162> **Ka-Sing Lau and Xiang-Yang Wang.** "Iterated Function Systems with a Weak Separation Condition". *Studia Mathematica* vol.161 no.3, pp.249-268. 2004.
- <P040446> **Ibrahim Kirat; Ka-Sing Lau and Hui Rao.** "On Some Problems of Self-Affine Tiles". Paper presented in the Second International Conference of Chinese Mathematicians, p.483-493. 2004.
- <P040481> **Juncheng Wei and Matthias Winter.** "On a Cubic-Quintic Ginzburg-Landau Equation with Global Coupling". *Proceedings of the American Mathematical Society* vol.11 pp.1787-1796. 2004.11.
- <P040560> **De-Jun Feng and Ka-Sing Lau.** "Differentiability of Pressure Functions for Products of Non-Negative Matrices". *New Studies in Advanced Mathematics Complex Dynamics and Related Topics - Lectures at the Morningside Center of Mathematics.* vol.5 pp.129-146. 2004.
- <P041802> **Tom Y.H. Wan and Y.L. Xin.** "Vanishing Theorems for Conformally Compact Manifolds". *Communications in Partial Differential Equations* vol.29 no.7-8, pp.1267 - 1279. 2004.
- <P042753> **K.F. Ng and L.R. Huang.** "On First- and Second-Order Conditions for Error Bounds". *SIAM Journal on Optimization* vol.14 no.4, pp.1057-1073. Society for Industrial and Applied Mathematics, 2004.
- <P043013> **BAI Zhengjian; CHAN Hon Fu Raymond and MORINI Benedetta.** "An inexact Cayley transform method for inverse eigenvalue problems". *Inverse Problems* vol.20 no.5, pp.1675-1689. United Kingdom: Institute of Physics, 2004.08.
- <P043141> **Raymond Chan. ed.** *Calcolo.* 4 Issues per year. vol.41 no.1-4, Springer-Verlag Italia Srl, 2004.07.
- <P043694> **Raymond H. Chan; Yong Chen and K.M. Yeung.** "A Memory Reduction Method in Pricing American Options". *Journal of Statistical Computation and Simulation* vol.74 no.7, pp.501-511. Taylor & Francis Ltd, 2004.07.
- <P043740> **Olivier Rey and Juncheng Wei.** "Blowing Up Solutions for an Elliptic Neumann Problem with Sub- or Supercritical Nonlinearity Part I:  $N=3$ ". *Journal of Functional Analysis* vol.212 no.2, pp.472-499. Elsevier Sciences B.V., 2004.07.
- <P044093> **Raymond Chan. ed.** *International Journal of High Speed Computing* vol.12 no.1, World Scientific, 2004.
- <P044259> **David Iron; Juncheng Wei and Matthias Winter.** "Stability Analysis of Turing Patterns Generated by the Schnakenberg Model". *Journal of Mathematical Biology* vol.49 no.4, pp.358 - 390. 2004.10.



- <P044910> **Juncheng Wei and Matthias Winter.** "Higher-Order Energy Expansions and Spike Locations". *Calculus of Variations and Partial Differential Equations* vol.20 no.4, pp.403 - 430. 2004.08.
- <P044933> **Song-Ying Li and Hing-Sun Luk.** "The Sharp Lower Bound for the First Positive Eigenvalue of a Sub-Laplacian On a Pseudo-Hermitian Manifold". *Proceedings of the American Mathematical Society* vol.132 no.3, pp.789-798. 2004.
- <P045851> **Xiaofeng Ren and Juncheng Wei.** "Stability of Spot and Ring Solutions of the Diblock Copolymer Equation". *Journal of Mathematical Physics* vol.45 no.11, pp.4106-4133. 2004.11.
- <P046095> **R.H. Chan; S. Serra-Capizzano and C. Tablino-Possio.** "Two-grid Methods for Banded Linear Systems from DCT III Algebra". *Numerical Linear Algebra with Applications* vol.12 no.2-3, pp.241 - 249. 2004.10.
- <P046980> **CHAN Hon Fu Raymond; RIEMENSCHNEIDER Sherman; SHEN Lixin and SHEN Zuowei.** "High-resolution image reconstruction with displacement errors: A framelet approach". *International Journal of Imaging Systems and Technology* vol.14 no.3, pp.91-104. USA: Wiley-Inter Science, 2004.09.
- <P047122> **Quan Sen JIU and Zhou Ping XIN.** "Viscous Approximations and Decay Rate of Maximal Vorticity Function for 3-D Axisymmetric Euler Equations". *Acta Mathematica Sinica* vol.20 no.3, pp.385-404. Springer-Verlag 2004, 2004.
- <P047628> **Kai-Seng Chou and Changzheng Qu.** "Optimal Systems and Group Classification of (1+2)-Dimensional Heat Equation". *Acta Applicandae Mathematicae* vol.83 no.3, pp.257-287. 2004.09.
- <P047723> **Raymond H. Chan; Chen Hu and Mila Nikolova.** "An Iterative Procedure for Removing Random-Valued Impulse Noise". *IEEE Signal Processing Letters* vol.11 no.12, pp.921- 924. 2004.12.
- <P047828> **Xi Yin Zheng and Kung Fu Ng.** "Hoffman's Least Error Bounds for Systems of Linear Inequalities". *Journal of Global Optimization* vol.30 no.4, pp.391 - 403. 2004.12.
- <P049107> **Yuguang Shi and Luen-Fai Tam.** "Quasi-Spherical Metrics and Applications". *Communications in Mathematical Physics* vol.251 no.1, pp.65-80. Springer-Verlag GmbH, 2004.
- <P050077> **Theodore Kolokolnikov; Michael J. Ward and Juncheng Wei.** "Pulse-Splitting for Some Reaction-Diffusion Systems in One-Space Dimension". *Studies in Applied Mathematics* vol.114 no.2, pp.115-165. 2005.02.
- <P050156> **Y.R. He and K.F. Ng.** "Best Approximation and Perturbation Property in Hilbert Spaces". *Journal of Optimization Theory and Applications* vol.126 no.2, pp.265-285. 2005 Springer Science and Business Media, Inc., 2005.
- <P051017> **Cheng He and Zhouping Xin.** "On the Regularity of Weak Solutions to the Magnetohydrodynamic Equations". *Journal of Differential Equations* vol.213 no.2, p.235-254. 2005.06.
- <P051179> **Juncheng Wei; Matthias Winter and Wai-Kong Yeung.** "A Higher-Order Energy Expansion to Two-Dimensional Singularly Perturbed Neumann Problems". *Asymptotic Analysis* vol.43 no.1-2, pp.75-110. IOS Press, 2005.

- <P051193> **Raymond Chan. ed.** *The Journal of Applied Mathematics and Decision Sciences*. vol.2005 no.1-2, Hindawi Publishing Corporation, 2005.04.
- <P051818> **Albert Chau and Luen-Fai Tam.** "A Note on the Uniformization of Gradient Kähler Ricci Solitons". *Mathematical Research Letters* vol.12 no.1, pp.19-21. 2005.
- <P051881> **Raymond H. Chan. ed.** *SIAM Journal on Scientific Computing*. 6 Issues per year. vol.7 no.1, 2005.
- <P051883> **Xiaofeng Ren and Juncheng Wei.** "Nucleation in the FitzHugh–Nagumo system: Interface–spike solutions". *Journal of Differential Equations* vol.209 no.2, pp.266-301. 2005.02.15.
- <P052071> **Leung-fu Cheung and Detang Zhou.** "Stable constant mean curvature hypersurfaces in  $\mathbb{R}^{n+1}$  and  $\mathbb{H}^{n+1}(-1)$ ". *Bulletin of the Brazilian Mathematical Society* vol.36 no.1, pp.99 - 114. Springer-Verlag GmbH, 2005.04.
- <P052623> **Luen-Fai Tam.** "Liouville Properties on Kähler Manifolds". Paper presented in the The Workshop on Geometric Evolution Equations, organized by National Center for Theoretical Sciences, National Tsing Hua University, Taiwan, p.181-188. 2005.
- <P053013> **Tai-Chia Lin and Juncheng Wei.** "Ground State of N Coupled Nonlinear Schrödinger Equations in  $\mathbb{R}^n$ ,  $n \geq 3$ ". *Communications in Mathematical Physics* vol.255 no.3, pp.629-653. Springer-Verlag GmbH, 2005.04.
- <P053063> **Xi Yin Zheng and Kung Fu Ng.** "The Fermat Rule for Multifunctions on Banach Spaces". *Mathematical Programming Ser.A.* 22. Springer-Verlag GmbH, 2005.02.09.
- <P053673> **Juncheng Wei and Matthias Winter.** "Symmetry of Nodal Solutions for Singularly Perturbed Elliptic Problems on a Ball". *Indiana University Mathematics Journal* vol.54 no.3, pp.707-741. 2005.
- <P054474> **Xin-Han Dong and Ka-Sing Lau.** "An Integral Related to the Cauchy Transform on the Sierpinski Gasket". *Experimental Mathematics* vol.13 no.4, pp.415–419. A K Peters, Ltd., 2005.
- <P054550> **Juncheng Wei and Matthias Winter.** "Clustered Spots in the FitzHugh–Nagumo System ". *Journal of Differential Equations* vol.213 no.1, pp.121-145. Elsevier B.V., 2005.06.
- <P054768> **B.D. Sleeman; Michael J. Ward and J.C. Ward.** "The Existence and Stability of Spike Patterns in a Chemotaxis Model". *SIAM Journal on Applied Mathematics* vol.65 no.3, pp.790-817. 2005.
- <P055429> **Kung Fu Ng and Wei Hong Yang.** "Error Bounds for Some Convex Functions and Distance Composite Functions". *SIAM Journal on Optimization* vol.15 no.4, pp.1042-1056. 2005.
- <P055571> **A. Malchiodi; Wei-Ming Ni and Juncheng Wei.** "Multiple Clustered Layer Solutions for Semilinear Neumann Problems on a Ball". *Annales de l'Institut Henri Poincaré (C) Non Linear Analysis* vol.22 no.2, pp.143-163. 2005.03.
- <P055682> **Raymond Chan. ed.** *Calcolo*. vol.42 no.1-2, Springer-Verlag Italia Srl, 2005.
- <P055847> **Thomas K.K. Au and Tom Y.H. Wan.** "Images of Harmonic Maps with Symmetry". *Tohoku*

*Mathematics Journal* vol.57 no.3, pp.321-333. 2005.

- <P055883> **Chong Li and K.F. Ng.** "Strong CHIP for Infinite System of Closed Convex Sets in Normed Linear Spaces". *SIAM Journal on Optimization* vol.16 no.2, pp.311-340. 2005.
- <P057202> **R. H.-F. Chan. ed.** *Numerical Linear Algebra with Applications.* vol.12 no.1-7, John Wiley & Sons, Ltd, 2005.
- <P058286> **HING SUN LUK.** "The Gap Between Secondary School and University Mathematics". *International Journal of Mathematical Education in Science and Technology* vol.36 no.2-3, pp.161-174. Taylor & Francis Group Ltd, 2005.03.
- <P058598> **Theodore Kolokolnikov; Michael J. Ward and Juncheng Wei.** "The Existence and Stability of Spike Equilibria in the One-Dimensional Gray–Scott Model: The Pulse-Splitting Regime". *Physica D: Nonlinear Phenomena* vol.202 no.3-4, pp.258-293. 2005.03.15.
- <P058705> **Xi Yin Zheng and Kung Fu Ng.** "Perturbation Analysis of Error Bounds for Systems of Conic Linear Inequalities in Banach Spaces". *SIAM Journal on Optimization* vol.15 no.4, pp.1026-1041. 2005.
- <P059234> **陸慶榮.** 《數學教育的基本與基本的數學教育:一個需要大家更多探討的問題》. 迎接新世紀:重新檢視香港數學教育<<蕭文強教授榮休文集>>. 100-111. 香港: 香港數學教育學會, 2005.
- <P059334> **Raymond H. Chan; Ka-Chun Ma and Chi-Yan Wong.** "Enhanced Tilley's Bundling Algorithm Using Memory Reduction Monte Carlo Method". *Calcolo* vol.42 no.1, pp.37 - 46. 2005.04.
- <P059507> **Chong Li and K.F. Ng.** "On Constraint Qualification for an Infinite System of Convex Inequalities in a Banach Space". *SIAM Journal on Optimization* vol.15 no.2, pp.488 - 512. 2005.
- <P059622> **L.R. Huang and K.F. Ng.** "Equivalent Optimization Formulations and Error Bounds for Variational Inequality Problems". *Journal of Optimization Theory and Applications* vol.125 no.2, pp.299 - 314. Springer Science and Business Media B.V., 2005.05.

See Also <P042809 >, <P053084 >

- <P040026> **CHOW C. W. and LIU Kwok Leung.** "Fokker-Planck Equation and Subdiffusive Fractional Fokker-Planck Equation of Bistable Systems with Sinks". *Physica A* vol.341 pp.87-106. Netherlands: Elsevier B.V., 2004.10.01.
- <P040571> **HUANG Jiping; YU Kin Wah and KARTTUNEN Mikko.** "Nonlinear Alternating Current Responses of Dipolar Fluids". *Physical Review E* vol.70 art. no. 011403 (7 pages). United States of America: The American Physical Society, 2004.07.23.
- <P040581> **LI Youquan; TIAN Guangshan; MA Michael and LIN Hai Qing.** "Ground State and Excitations of a Four-component Fermion Model". *Physical Review B* vol.70 art. no. 233105 (4 pages). United States of America: The American Physical Society, 2004.12.20.
- <P040592> **JOHNSON Neil F.; CHOE Sehyo C.; GOURLEY Sean; JARRETT Timothy and HUI Pak Ming. ed.** "Theory of Collective Dynamics in Multi-agent Complex Adaptive Systems". *Advances in Solid State Physics*, ed. by B. Kramer, pp.427-438. Germany: Springer-Verlag, 2004.
- <P040721> **MA Nangang; YAU Man Yan; ARAVIND Manju; NG Hang Leung Dickon and CHAN Sammy L. L.** "Formation of Mg<sub>2</sub>Ni Nanofibres in a Mg-based Metal Matrix Composite". *Philosophical Magazine* vol.84 no.35, pp.3771-3784. United Kingdom: Taylor & Francis Ltd, 2004.12.11.
- <P040726> **WONG S. F.; ONG C. W.; PANG G. K. H.; LI Quan and LAU Leo Woon Ming.** "Removal of sp<sup>2</sup>-boron Nitride Transition Layer in the Growth of Cubic Boron Nitride Films". *Diamond and Related Materials* vol.13 pp.1632-1637. Netherlands: Elsevier B.V., 2004.09.
- <P040774> **FARIA L. O.; LO Yam Kuen Dennis; KUI Hin Wing; KHAIDUKOV N. M. and NOGUEIRA M. S..** "Thermoluminescence Response of K<sub>2</sub>YF<sub>5</sub>:Tb<sup>3+</sup> Crystals to Photon Radiation Fields". *Radiation Protection Dosimetry* vol.112 no.3, pp.435-438. United Kingdom: Oxford University Press, 2004.10.05.
- <P040875> **LO Ting Shek; CHAN Hoi Yeung; HUI Pak Ming and JOHNSON N. F..** "Theory of Networked Minority Games Based on Strategy Pattern Dynamics". *Physical Review E* vol.70 art. no. 056102 (9 pages). United States of America: The American Physical Society, 2004.11.09.
- <P040894> **LAI Hon Ming; WONG Wan Yan and WONG Wing Hung.** "Extinction Paradox and Actual Power Scattered in Light Beam Scattering: A Two-dimensional Study". *Journal of the Optical Society of America A* vol.21 no.12, pp.2324-2333. United States of America: Optical Society of America, 2004.12.
- <P041294> **QUAN Hongjun; HUI Pak Ming; XU Chen and YIP Kin Fung.** "Evolutionary Minority Game with Multiple Options". *Physical Review E* vol.70 art. no. 016119 (5 pages). United States of America: The American Physical Society, 2004.07.26.
- <P041302> **CHEE Shiu Chung; MAASSEN VAN DEN BRINK Alexander and YOUNG Kenneth.** "Hamiltonian and Linear-space Structure for Damped Oscillators: I. General Theory". *Journal of Physics A: Mathematical and General* vol.37 pp.8865-8881. United Kingdom: Institute of Physics Publishing, 2004.09.01.
- <P041447> **CHING Shuk Chi Emily; CHUI Ka Wing; SHANG Xiaodong; QIU Xinliang; TONG Penger and XIA Keqing.** "Velocity and Temperature Cross-scaling in Turbulent Thermal Convection". *Journal of Turbulence*, vol.5 no.27, pp.1-11. United Kingdom: IOP Publishing Ltd, 2004.08.12.
- <P041925> **HUANG Jiping and YU Kin Wah.** "AC Electrokinetics of the Microparticles in Electrorheological

- Solids". *Physics Letters A* vol.333 pp.347-353. United States of America: Elsevier B.V., 2004.12.06.
- <P041940> **GOURLEY S.; CHOE S. C.; HUI Pak Ming and JOHNSON N. F.** "Effects of Local Connectivity in a Competitive Population with Limited Resources". *Europhysics Letters* vol.67 no.6, pp.867-873. France: EDP Sciences, 2004.09.15.
- <P042028> **HUNG Ngar Chun; WANG Guozhong; YAU Man Yan and NG Hang Leung Dickon.** "New Method of Producing Well-aligned ZnO Nanorods on a Si-SiO<sub>2</sub> Substrate". *Journal of Materials Research* vol.19 no.8, pp.2226-2229. United States of America: Materials Research Society, 2004.08.
- <P042035> **AN J. and GONG Changde.** "Local Enhancement of Spin and Orbital Antiferromagnetism Around a Single Vortex in High-temperature Superconductors". *Physical Review B* vol.70 art. no. 012505 (4 pages). United States of America: The American Physical Society, 2004.07.28.
- <P042068> **LI Quan; WANG Chunrui and HARK Sui Kong.** "One-dimensional (1D) II-VI Based Nanostructures-synthesis and Electronic Structure Study". Proceedings of the International Conference on Optoelectronics and Spectroscopy of Nano-structured Thin Films and Materials, pp.169-170. Beijing, China, 2004.08.02.
- <P042374> **SHANG Xiaodong; QIU Xinliang; TONG Penger and XIA Keqing.** "Measurements of the Local Convective Heat Flux in Turbulent Rayleigh-Bénard Convection". *Physical Review E* vol.70 art. no. 026308 (13 pages). United States of America: The American Physical Society, 2004.08.31.
- <P042419> **WONG Ka Wah and CHU Ming Chung.** "Cooling of a Newborn Compact Star with a QCD Phase Transition". *Physical Review D* vol.70, art. no. 063004 (16 pages). United States of America: The American Physical Society, 2004.09.22.
- <P042428> **GU Shijian; LI Haibin; LI Youquan and LIN Hai Qing.** "Entanglement of the Heisenberg Chain with the Next-nearest-neighbor Interaction". *Physical Review A* vol.70 art. no. 052302 (5 pages). United States of America: The American Physical Society, 2004.11.01.
- <P042700> **QUAN H. J.; WANG B. H.; YANG W. S.; HUI Pak Ming and LUO X. S.** "Cooperation in the Evolutionary Multiple-choice Minority Game". *International Journal of Modern Physics B* vol.18 nos.17-19, pp.2691-2696. Singapore: World Scientific Publishing Company, 2004.07.30.
- <P042742> **CHU Ming Chung.** "Sonoluminescence: Fusion in a Cup?". *Paper presented in the Fourth Joint Meeting of Chinese Physicists World-wide: International Conference on Physics Education & Frontier Research*, 2004.07.01.
- <P042832> **ZHAO Hailei; NG Hang Leung Dickon; LU Zhongqin and MA Nangang.** "Carbothermal Synthesis of Sn<sub>x</sub>Sb Anode Material for Secondary Lithium-ion Battery". *Journal of Alloys and Compounds* vol.395 pp.192-200. Switzerland: Elsevier B. V., 2004.12.30.
- <P042833> **HUANG Jiping and YU Kin Wah.** "Nondegenerate Four-wave Mixing in Graded Metallic Films". *Journal of Applied Physics* vol.97 art. no. 013102 (4 pages). United States of America: The American Institute of Physics, 2004.12.15.
- <P042877> **CHEE Shiu Chung; MAASSEN VAN DEN BRINK Alexander and YOUNG Kenneth.** "Hamiltonian and Linear-space Structure for Damped Oscillators: II. Critical Points". *Journal of Physics A: Mathematical and General* vol.37 pp.8883-8899. United Kingdom: Institute of Physics

Publishing, 2004.09.01.

- <P043031> **TANG Hoi Man; LO Chi Fai and HUI C. H.** "Pricing CEV Moving Barrier Options with Time-dependent Parameters -- Lie Algebraic Approach". *Paper presented in the Bachelier Finance Society, Third World Congress*, organized by Bachelier Finance Society. Chicago, United States of America, 2004.07.24.
- <P043131> **ZHAO Kun; LI Ho and WONG Hong Kuen.** "Magnetic Coupling in  $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3/\text{La}_{0.67}\text{Sr}_{0.33}\text{CoO}_3/\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$  Trilayer Films". *Journal of Rare Earths* vol.22 no.6, pp.887-890. China: Metallurgical Industry Press, 2004.12.
- <P043735> **GU Shijian; DENG Shusa; LI Youquan and LIN Hai Qing.** "Entanglement and Quantum Phase Transition in the Extended Hubbard Model". *Physical Review Letters* vol.93 no.8, art. no. 086402 (4 pages). United States of America: The American Physical Society, 2004.08.20.
- <P043769> **LAW Chi Kwong.** "Dark Evolution in Time-varying Zeno Subspace". *Physical Review A* vol.70 art. no. 034101 (4 pages). United States of America: The American Physical Society, 2004.09.10.
- <P043815> **BENZI Roberto; CHING Shuk Chi Emily and PROCACCIA Itamar.** "Drag Reduction in Homogeneous Turbulence by Scale-dependent Effective Viscosity". *Physical Review E* vol. 70, art. no. 026304 (7 pages). United States of America: The American Physical Society, 2004.08.13.
- <P043994> **CHAN King Pak; ZHENG Dafang and HUI Pak Ming.** "Effects of Aging and Links Removal on Epidemic Dynamics in Scale-free Networks". *International Journal of Modern Physics B* vol.18 nos.17-19, pp.2534-2539. Singapore: World Scientific Publishing Company, 2004.07.30.
- <P044066> **HE Xiaozhou; TONG Peng and XIA Keqing.** "Measurements of the Local Thermal Dissipation Rate in Turbulent Rayleigh-Benard Convection". *Paper presented in the 57th Annual Meeting of the Division of Fluid Dynamics (21-23 November 2004)*, organized by American Physical Society, p.195. Seattle, Washington, United States of America, 2004.11.23.
- <P044084> **HUI Pak Ming.** "Plateaux Formation and Abrupt Transitions in a Competitive Population with Limited Resources". Invited paper presented in the 1st International Workshop Hangzhou 2004 on Simulation Physics (5-7 November 2004), organized by the Zhejiang Institute of Modern Physics, Zhejiang University, p.17. Hangzhou, China, 2004.11.
- <P044146> **TIAN Guangshan and LIN Hai Qing.** "Phase Transition and Ferrimagnetic Long-range Order in the Mixed-spin Heisenberg Model with Single-ion Anisotropy". *Physical Review B* vol.70 art. no. 104412 (7 pages). United States of America: The American Physical Society, 2004.09.21.
- <P044177> **LAW Chi Kwong.** "Entanglement Production in Colliding Wave Packets". *Physical Review A* vol.70 art. no. 062311 (4 pages). United States of America: The American Physical Society, 2004.12.10.
- <P044197> **LI Quan; KWONG Kwan Wai; OZKAYA D. and COCKAYNE D. J. H.** "Self-assembly of ZnO/C Multilayers on Zn Nanowire Surface". *Paper presented in the MRS 2004 Fall Meeting*, organized by Materials Research Society. Boston, United States of America, 2004.11.29.
- <P044276> **ZHANG X. Y.; DAI J. Y.; ONG Hock Chun Daniel; WANG N.; CHAN H. L. W. and CHOY C. L.** "Hydrothermal Synthesis of Oriented ZnO Nanobelts and Their Temperature Dependent Photoluminescence". *Chemical Physics Letters* vol.393 pp.17-21. Netherlands: Elsevier

B.V., 2004.07.21.

- <P044553> **ZHAO Kun; WONG Hong Kuen and ZHANG Li.** "Formation of Epitaxial Platinum Films on Ceramics-(100) Single Crystal Substrates". *Journal of Synthetic Crystals* vol.33 no.4, pp.690-693. China, 2004.08.
- <P044813> **LI Quan; WANG Chunrui and HARK Sui Kong.** "One-dimensional (1D) II-VI Based Nanostructures-synthesis and Microstructure Characterizations". *Journal of Chinese Electron Microscopy Society* vol.23 no.4, p.365. 2004.08.21.
- <P044997> **TONG K. L.; SO S. K.; NG H. F.; LEUNG L. M.; YEUNG Man Yi and LO Chi Fai.** "Transport and Luminescence in Naphthyl Phenylamine Model Compounds". *Synthetic Metals* vol.147 pp.199-203. Switzerland: Elsevier Science SA, 2004.12.07.
- <P045020> **LI Quan; GONG Xingao; WANG Chunrui; WANG Juan; IP Kit Man and HARK Sui Kong.** "Size-dependent Periodically Twinned ZnSe Nanowires". *Advanced Materials* vol.16 no.16, pp.1436-1440. United States of America: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2004.08.18.
- <P045113> 閻研、張樹霖、郝少康、劉爾凱、韓毅松、玄真武、顧長志、劉維及丁明清. <CVD 金剛石膜中  $1145\text{cm}^{-1}$  拉曼峰的研究>. 《光散射學報》第 16 卷 第 2 期, 頁 131-135. 中國: 中國物理學會光散射專業委員會, 2004.07.
- <P045329> **HUI Cho Hoi; LO Chi Fai and TSANG Shun Wai.** "Pricing Corporate Bonds with Dynamics Default Barriers". *Innovations in Risk Management: Seminal Papers from The Journal of Risk*, ed. by Philippe Jorion. United Kingdom: Risk Books, 2004.08.
- <P045451> **SUN Jirong; LAI Chun Hei and WONG Hong Kuen.** "Photovoltaic Effect in  $\text{La}_{0.7}\text{Ce}_{0.3}\text{MnO}_{3.8}/\text{SrTiO}_3\text{-Nb}$  Heterojunction and Its Oxygen Content Dependence". *Applied Physics Letters* vol.85 no.1, pp.37-39. United States of America: American Institute of Physics, 2004.07.04.
- <P045637> **DAI J. Y.; LAM H. K.; LI Quan; WANG Juan; CHAN H. L. W. and CHOY C. L..** "Structural Characterization and Electron-energy-loss Spectroscopic Study of Pulsed Laser Deposited  $\text{LiNbO}_3$  Films on *a*-sapphire". *Journal of Applied Physics* vol.96 no.11, pp.6319-6322. United States of America: American Institute of Physics, 2004.12.01.
- <P045644> **CHING Shuk Chi Emily; GUO Hao; SHANG Xiaodong; TONG Peng and XIA Keqing.** "Extraction of Plumes in Turbulent Thermal Convection". *Physical Review Letters* vol.93 no.12, art. no. 124501 (4 pages). United States of America: The American Physical Society, 2004.09.17.
- <P046255> **HUANG Jiping; DONG Lei and YU Kin Wah.** "Optical Nonlinearity Enhancement of Graded Metal-dielectric Composite Films". *Europhysics Letters* vol.67 no.5, pp.854-858. France: EDP Sciences, 2004.09.01.
- <P046416> **YU Kin Wah.** "Dynamic Electrorheological Effects of Rotating Particles: A Brief Review". *Paper presented in the 9th International Conference on Electrorheological (ER) Fluids and Magnetorheological (MR) Suspensions*. Beijing, China, 2004.08.29.

- <P046664> **ZHENG Zhi; XU Xiangdong; FAN Xiaoli; LAU Leo Woon Ming and KWOK Wai Man Raymond.** "Ultrathin Polymer Film Formation by Collision-induced Cross-linking of Adsorbed Organic Molecules with Hyperthermal Protons". *Journal of the American Chemical Society* vol.126 pp.12336-12342. United States of America: American Chemical Society, 2004.10.06.
- <P046726> **ZHAO Kun; HUANG Yanhong; FENG Jiafeng and WONG Hong Kuen.** "Superconducting Transition Temperature and Metal-semiconductor Transition Temperature in  $\text{YBa}_2\text{Cu}_4\text{O}_8/\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3/\text{YBa}_2\text{Cu}_4\text{O}_8$  Trilayer Films". *Chinese Physics Letters* vol.21 no.12, pp.2514-2516. China: Chinese Physical Society, 2004.12.
- <P046946> **HUANG Jiping and YU Kin Wah.** "Nonlinear Ac Responses of Electro-magnetorheological Fluids". *Journal of Chemical Physics* vol.121 no.15, pp.7526-7532. United States of America: The American Institute of Physics, 2004.10.15.
- <P046947> **HUANG Jiping and YU Kin Wah.** "Optical Nonlinearity Enhancement of Graded Metallic Films". *Applied Physics Letters* vol.85 no.1, pp.94-96. United States of America: American Institute of Physics, 2004.07.05.
- <P047071> **CHOE Sehyo Charley; JOHNSON Neil F. and HUI Pak Ming.** "Error-driven Global Transition in a Competitive Population on a Network". *Physical Review E* vol.70 art. no. 055101 (4 pages). United States of America: The American Physical Society, 2004.11.10.
- <P047208> **HUANG Jiping and YU Kin Wah.** "Many-body Dipole-induced Dipole Model for Electrorheological Fluids". *Chinese Physics Letters* vol.13 no.7, pp.1065-1069. China: Chinese Physical Society and IOP Publishing Ltd, 2004.07.
- <P047455> **CHAN K. W.; LAW Chi Kwong; FEDOROV M. V. and EBERLY J. H..** "Einstein Localization in Entangled Light Scattering". *Journal of Modern Optics* vol.51 no.12, pp.1779-1786. United Kingdom: Taylor & Francis Ltd., 2004.08.15.
- <P047488> **DEMYANOV A. V. and LO Yam Kuen Dennis.** "Experimental and Theoretical Studies of the Optical and Electrical Characteristics of a High-pressure Pulsed Discharge in Argon". *Plasma Physics Reports* vol.30 no.12, pp.1052-1060. United States of America: MAIK Nauka Interperiodica, 2004.12.
- <P047511> **ARAVIND Manju; YU Peng; YAU Man Yan and NG Hang Leung Dickon.** "Formation of  $\text{Al}_2\text{Cu}$  and  $\text{AlCu}$  Intermetallics in  $\text{Al}(\text{Cu})$  Alloy Matrix Composites by Reaction Sintering". *Materials Science and Engineering A* vol.380 pp.384-393. Netherlands: Elsevier B.V., 2004.08.25.
- <P047859> **LIN Hai Qing; SHIK Hoi Yin; WANG Yongqiang; BATISTA C. D. and GUBERNATIS J. E..** "Investigating Magnetic Properties by Quantum Monte Carlo Simulations". *Journal of Magnetism and Magnetic Materials* pp.240-246. Netherlands, 2004.10.
- <P047958> **YU Kin Wah; HUANG Jiping and GU Guoqing.** "Electrorotation of Dense Colloidal Suspensions". *Institute of Physics Conference Series* vol.178 pp.95-100. United Kingdom: Institute of Physics Publishing, 2004.
- <P048211> **HUANG Jiping and YU Kin Wah.** "Interparticle Force in Electrorheological Solids: Many-body Dipole-induced Dipole Model". *Physical Review E* vol.70 art. no. 061401 (5 pages). United States of America: The American Physical Society, 2004.12.03.



- <P048381> **XIA Keqing; CHEUNG Yin Har and SUN Chao.** "Dynamic Boundary Layer Properties in Turbulent Thermal Convection". *Paper presented in the 57th Annual Meeting of the Division of Fluid Dynamics (21-23 November 2004)*, organized by American Physical Society, p.195. Seattle, Washington, United States of America, 2004.11.23.
- <P048636> **WANG Chunrui; HOU J. M.; HOU J. Q. and LI Quan.** "Structure and Luminescence Properties of CdS Nanobelts". *Japanese Journal of Applied Physics* vol.43 pp.7798-7801. Japan: Inst Pure Applied Physics, 2004.11.
- <P048807> **WANG Hailong; TIAN Guangshan and LIN Hai Qing.** "Charge Ordering Due to Antiferromagnetic Correlation in Quarter-Filled Manganites". *Communications in Theoretical Physics* vol.42 no.3, pp.475-480. China: Chinese Academy of Sciences, 2004.09.15.
- <P049353> **LO Chi Fai; TANG Hoi Man; KU K. C. and HUI C. H..** "Valuation of CEV Barrier Options with Time-dependent Model Parameters". *Proceedings of the Second IASTED International Conference on Financial Engineering and Applications*, pp.34-39. United States of America: ACTA Press, 2004.11.
- <P049599> **HUI Pak Ming.** "Competitions in a Connected Population". Paper presented in the Fourth Joint Meeting of Chinese Physicists World-wide: International Conference on Physics Education & Frontier Research, organized by Overseas Chinese Physics Association and Shanghai Jiao Tong University, China, Shanghai, 2004.07.01.
- <P049629> **CHAN Hoi Yeung; HUI Pak Ming and JOHNSON N. F..** "Dynamical Transitions in Agent-based Models of Competing Population". Paper presented in the EXYSTENCE Thematic Institute and Workshops "From Many-Particle Physics to Multi-Agent Systems", organized by Max-Planck Institute for Physics of Complex Systems (MPI PKS), Dresden, Germany, 2004.08.
- <P049960> **CHEN Fei; WANG Jun; YE Chao; LO Yam Kuen Dennis and ZHU Xiaolei.** "Distributed Feedback Sol-gel Zirconia Channel Waveguide Lasers". *Applied Physics Letters* vol.85 no.19, pp.4284-4286. United States of America: American Institute of Physics, 2004.11.08.
- <P050030> **SHAN Chongxin; LIU Zhuang; NG Ching Man and HARK Sui Kong.** "Structure and Luminescence of Pyramid-shaped CdSe Nanostructures Grown by Metalorganic Chemical Vapor Deposition". *Applied Physics Letters* vol.86 art. no. 213106 (3 pages). United States of America: American Institute of Physics, 2005.05.17.
- <P050127> **WANG Juan; AN Xipo; LI Quan and EGERTON R. F..** "Size-dependent Electronic Structures of ZnO Nanowires". *Applied Physics Letters* vol.86 art. no. 201911 (3 pages). United States of America: American Institute of Physics, 2005.05.12.
- <P050486> **WANG Chunrui; IP Kit Man; HARK Sui Kong and LI Quan.** "Structure Control of CdS Nanobelts and Their Luminescence Properties". *Journal of Applied Physics* vol.97, art. no. 054303 (4 pages). United States of America: American Institute of Physics, 2005.02.10.
- <P050567> **MAKHOV V. N.; KHAIDUKOV N. M.; LO Yam Kuen Dennis; KRUPA J. C.; KIRM M. and NEGODIN E..** "Spectroscopy of Cubic Elpasolite Cs<sub>2</sub>NaYF<sub>6</sub> Crystals Singly Doped with Er<sup>3+</sup> and Tm<sup>3+</sup> Under Selective VUV Excitation". *Optical Materials* vol.27 pp.1131-1137. Netherlands: Elsevier B.V., 2005.03.

- <P050740> **ZHAO Kun; HUANG Y. H.; FENG J. F.; ZHANG Li and WONG Hong Kuen.** "Oscillatory Superconducting Transition Temperature in  $\text{YBa}_2\text{Cu}_4\text{O}_8/\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{YBa}_2\text{Cu}_4\text{O}_8$  Heterostructures". *Physica C* vol.418 pp.138-143. Netherlands: Elsevier B.V., 2005.02.01.
- <P050827> **WANG Hairong; ONG Chung Wo; TSUI Yun Cheong and LAU Leo Woon Ming.** "Manually Operated Scratch Tester for Characterization of Mechanical Properties of Thin Films". *Review of Scientific Instruments* vol.76 art. no. 016101 (4 pages). United States of America: American Institute of Physics, 2005.01.
- <P051005> **ZHANG Xitian; LIU Zhuang; LI Quan; LEUNG Yee Pan; IP Kit Man and HARK Sui Kong.** "Routes to Grow Well-aligned Arrays of ZnSe Nanowires and Nanorods". *Advanced Materials* vol.17 no.11, pp.1405-1410. United States of America: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2005.06.
- <P051107> **JU Sheng; YU Kin Wah and LI Z. Y..** "Theory of Intergranular Magnetoresistance in Nanometric Manganites". *Physical Review B* vol.71 art. no. 014416 (8 pages). United States of America: The American Physical Society, 2005.01.12.
- <P051168> **XU Chen; HUI Pak Ming; CHOW C. W. and LI Zhen-ya.** "Switching Behaviour of Magnetic Particles with Dipolar Interaction". *Chinese Physics Letters* vol.22 no.1, pp.211-214. China: Chinese Physical Society and IOP Publishing Ltd, 2005.01.
- <P051216> **IP Kit Man; LIU Zhuang; NG Ching Man and HARK Sui Kong.** "Effects of Passivation and Ambient Gases on the Photoluminescence of ZnSe Nanowires". *Nanotechnology* vol.16 pp.1144-1147. United Kingdom: IOP Publishing Ltd, 2005.05.17.
- <P051344> **XU Chen; HUI Pak Ming; MA Y. Q. and ZHANG L. F..** "Rapid Magnetization Reversal in Magnetic Small Particles Induced by Non-static Bias Field". *Solid State Communications* vol.134 pp.625-629. United States of America: Elsevier Ltd., 2005.03.21.
- <P051417> **WANG Yu; WANG Guozhong; YAU Man Yan; TO Ching Yuen and NG Hang Leung Dickon.** "Asymmetric Growth on the Polar Surfaces of CdS Ribbons". *Chemical Physics Letters* vol.407 pp.510-515. Netherlands: Elsevier B.V., 2005.04.22.
- <P051452> **YU Kin Wah; GU Guoqing; HUANG Jiping and XIAO Junjun.** "Dynamic Electrorheological Effects of Rotating Particles: A Brief Review". *International Journal of Modern Physics B* vol.19 nos.7-9, pp.1163-1169. Singapore: World Scientific Publishing Company, 2005.04.10.
- <P051462> **LAWLESS J. L.; CHEN R.; LO Yam Kuen Dennis and PAGONIS V..** "A Model for Non-monotonic Dose Dependence of Thermoluminescence (TL)". *Journal of Physics: Condensed Matter* vol.17 pp.737-753. United Kingdom: IOP Publishing Ltd, 2005.01.14.
- <P051815> **WONG Hon Man; CHENG Kai Ming and CHU Ming Chung.** "Quantum Geometric Phase between Orthogonal States". *Physical Review Letters* vol.94, art. no. 070406 (4 pages). United States of America: American Institute of Physics, 2005.02.25.
- <P052051> **YU Kin Wah.** "AC Electrokinetics of Microparticles in Suspensions". Paper presented in the March Meeting of the American Physical Society, organized by American Physical Society. Los Angeles, United States of America, 2005.03.21.

- <P052519> **TSANG Hing Wa; LEE Hiu Ching and YU Kin Wah.** "Dynamic Electrorheological Effects Due to Rotational Diffusion of Microparticles". *Paper presented in the APS March Meeting 2005*, organized by American Physical Society. 2005.03.
- <P052771> **CHEN Fei; WANG Jun; YE Chao; NI Weihai; CHAN Jacklynn; YANG Yu and LO Yam Kuen Dennis.** "Near Infrared Distributed Feedback Lasers Based on LDS Dye-doped Zirconia-organically Modified Silicate Channel Waveguides". *Optics Express* vol.13 pp.1643-1650. United States of America: Optical Society of America, 2005.03.07.
- <P052824> **MACDONALD A. N.; HRYCIW A.; MELDRUM A. and LI Quan.** "Optical Properties of Nd-enriched Silicon Nanoparticle Glasses". *Paper presented in the European MRS 2005 Spring Meeting*, organized by Materials Research Society. Strasbourg, France, 2005.05.31.
- <P052881> **GAO Lei and YU Kin Wah.** "Theory of Nondegenerate Nonlinear Optical Susceptibilities of Graded Composites with High-volume Fractions". *Physical Review E* vol.71 art. no. 017601 (4 pages). United States of America: The American Physical Society, 2005.01.03.
- <P053223> **ZHANG Jie; WU X. L. and XIA Keqing.** "Density Fluctuations in Strongly Stratified Two-Dimensional Turbulence". *Physical Review Letters* vol.94 art. no. 174503 (4 pages). United States of America, 2005.05.06.
- <P053339> **朱明中.** <Neutrino Oscillation Experiment Activities in Hong Kong>. 論文發表於《香山科學會議: 中微子振荡与反应堆中微子实验》, 主辦機構為 Chinese Academy of Science, 2 頁. Beijing, 2005.04.07.
- <P053364> **LO Ting Shek; CHAN King Pak; HUI Pak Ming and JOHNSON N. F.** "Theory of Enhanced Performance Emerging in a Sparsely Connected Competitive Population". *Physical Review E* vol.71 art. no. 050101 (4 pages). United States of America: The American Physical Society, 2005.05.17.
- <P053463> **SHEN Lei; YU Kin Wah and GU Guoqing.** "Dynamic Electrorheological Effects of Rotating Spheres: a Self-consistent Theory". *Paper presented in the APS March Meeting 2005*, organized by American Physical Society. 2005.03.21.
- <P053616> **ZHAO K.; ZHANG L.; LIANG B. L.; WU C.; FENG J. F. and WONG Hong Kuen.** "Transport Properties in  $\text{YBa}_2\text{Cu}_4\text{O}_8/\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$  Multilayers". *Materials Science Forum* vol.475-479 pp.3761-3764. Switzerland: Trans Tech Publications, 2005.
- <P053706> **CHEN Guiying; ZHANG Chunping; SHANG Xiaodong; GUO Zongxia; WANG Xingyu; TIAN Jianguo and SONG Q. W.** "Real-time Intensity-dependent All-optical Switch of Reverse Image Converter from Wavelength to Wavelength Based on Bacteriorhodopsin Film". *Optics Communications* vol.249 pp.563-568. Netherlands: Elsevier B.V., 2005.05.15.
- <P053973> **HUANG Jiping and YU Kin Wah.** "Effective Nonlinear Optical Properties of Graded Metal-dielectric Composite Films of Anisotropic Particles". *Journal of the Optical Society of America B* vol.22 no.8, pp.1640-1647. USA: Optical Society of America, 2005.05.
- <P053981> **WONG King Young and CHEN Ji.** "Study of Intermolecular Interactions in Liquid Nitrobenzene by Depolarized Hyper-Rayleigh Scattering". *Journal of Chemical Physics* vol.122 pp.174505. United States of America: American Institute of Physics, 2005.05.01.

- <P053991> **LIANG H. W.; LU Y. M.; SHEN D. Z.; LIU Y. C.; YAN J. F.; SHAN Chongxin; LI B. H.; ZHANG Z. Z.; ZHANG J. Y. and FAN X. W.** "P-type ZnO Thin Films Prepared by Plasma Molecular Beam Epitaxy Using Radical NO". *Physica Status Solidi A* vol.202 pp.1060-1065. Germany: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2005.03.24.
- <P054077> **WANG Juan; AN Xipo and LI Quan.** "Size Dependent Electronic Structures of ZnO Nanowires". *Paper presented in the MRS 2005 Spring Meeting*, organized by Materials Research Society. Boston, United States of America, 2005.03.29.
- <P054195> **CHAN King Pak; HUI Pak Ming and JOHNSON Neil F.** "Decision Making, Strategy Dynamics, and Crowd Formation in Agent-based Models of Competing Populations". *Paper presented in the 10th Annual Workshop on Economic Heterogeneous Interacting Agents*, 13-15 June 2005, United Kingdom, 2005.06.13.
- <P054203> **DENG Shusa and GU Shijian.** "Fermionic Concurrence in the Extended Hubbard Model". *Chinese Physics Letters* vol.22 pp.804-807. China: Chinese Physical Society, 2005.04.
- <P054352> **CHAN Sung Chun and WONG King Young.** "Investigation of orientational dynamics in poled nonlinear optical polymers by secondary poling". *Journal of Applied Physics* vol.97 pp.014907. United States of America: American Institute of Physics, 2005.01.01.
- <P054425> **GU Shijian; TIAN Guangshan and LIN Hai Qing.** "Ground-state Entanglement in the XXZ Model". *Physical Review A* vol.71 art. no. 052322 (5 pages). United States of America: The American Physical Society, 2005.05.17.
- <P054450> **ZHAO Kun; ZHANG L. and WONG Hong Kuen.** "Anisotropic Magnetoresistance in  $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3/\text{YBa}_2\text{Cu}_4\text{O}_8/\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$  Trilayer Films". *Thin Solid Films* vol.471 pp.287-292. Netherlands: Elsevier B.V., 2005.01.03.
- <P054483> **GU G. Q. and YU Kin Wah.** "Conductivity of Composites Containing Anisotropic Graded Fibers". *Journal of Composite Materials* vol.39 no.2, pp.127-145. England: Sage Publications, 2005.
- <P054602> **CHAN Hoi Yeung; LO Ting Shek; HUI Pak Ming and JOHNSON Neil F.** "Transitions in Collective Response in Multi-agent Models of Competing Populations Driven by Resource Level". *Paper presented in the 10th Annual Workshop on Economic Heterogeneous Interacting Agents* 13-15 June 2005, United Kingdom, 2005.06.13.
- <P054654> **LI Quan and TANG D.** "Microstructure and Electronic Structure Characterization of Single CdS Nanobelt". *Paper presented in the China Nano 2005*. Beijing, China, 2005.06.05.
- <P054803> **ZHAO Hui; WU C. Q. and LIN Hai Qing.** "Spectral Function of the One-dimensional Holstein Model at Half Filling". *Physical Review B* vol.71 art. no. 115201 (5 pages). United States of America: The American Physical Society, 2005.03.07.
- <P054829> **LI Quan; KWONG Kwan Wai; OZKAYA D. and COCKAYNE D. J. H.** "Self-assembly of ZnO/C Multilayers on Zn Nanowire Surface". *Paper presented in the 1st International Conference on One-dimensional Nanomaterials*, organized by American Vacuum Society. Taipei, Taiwan, 2005.01.10.
- <P054850> **JU Sheng; YU Kin Wah and LI Z. Y.** "Spatially Inhomogeneous Transport in Phase-separated Polycrystalline Manganites". *Physical Review B* vol.71 art. no. 224401 (9 pages). United States of

America: The American Physical Society, 2005.06.01.

- <P054891> **WANG Hailong; TIAN Guangshan and LIN Hai Qing.** "Effect of Lattice Distortion on Charge Order in Manganites at Doping  $x=0.5$ ". *Communications in Theoretical Physics* vol.43 pp.179-186. China: Chinese Academy of Sciences, 2005.01.15.
- <P054944> **LEUNG Yee Pan; LIU Zhuang and HARK Sui Kong.** "Changes in Morphology and Growth Rate of Quasi-one-dimensional ZnSe Nanowires on GaAs (100) Substrates by Metalorganic Chemical Vapor Deposition". *Journal of Crystal Growth* vol.279, pp.248-257. Netherlands: Elsevier B.V., 2005.03.29.
- <P055153> **HUANG Jiping and YU Kin Wah.** "Magneto-controlled Nonlinear Optical Materials". *Applied Physics Letters* vol.86 art. no. 041905 (3 pages). United States of America: The American Institute of Physics, 2005.01.18.
- <P055155> **SUN J. R.; ZHANG S. Y.; SHEN B. G. and WONG Hong Kuen.** "Rectifying and Photovoltaic Properties of the Heterojunction Composed of  $\text{CaMnO}_3$  and Nb-doped  $\text{SrTiO}_3$ ". *Applied Physics Letters* vol.86 art. no. 053503 (3 pages). United States of America: American Institute of Physics, 2005.01.31.
- <P055348> **劉壯、張喜田、李泉及郝少康.** <对 MOCVD 生长的硒化锌纳米棒的形貌，晶体结构及其单根阴极致发光性质的研究>. 《第九届全国 MOCVD 学术会议》頁 c31. 中國合肥, 2005.04.23.
- <P055447> **JIAO Yang and LI Quan.** "Synthesis of Si/metal One-dimensional Heterostructures". *Paper presented in the MRS 2005 Spring Meeting*, organized by Materials Research Society. Boston, United States of America, 2005.03.28.
- <P055456> **QIU Xinliang; XIA Keqing and TONG Peng.** "Experimental Study of Velocity Boundary Layer Near a Rough Conducting Surface in Turbulent Natural Convection". *Journal of Turbulence* vol.6 no.30, pp.1-13. United Kingdom: Taylor & Francis, 2005.
- <P055570> **Jin An; K.C. Hui; K. Xue; Daniel H.C. Ong and J.B. Xu.** "Charge Transport Properties in  $\text{AlO}_x$  Capped ZnO Thin Films by Scanning Probe Microscopy". *2005 MRS Spring Meeting* E4.11. San Francisco, United States of America: Materials Research Society, 2005.03.28.
- <P055740> **YU Min and LIN Hai Qing.** "Phase Separation in the Two-dimensional Hubbard Model". *International Journal of Modern Physics B* vol.19 pp.299-302. Singapore, 2005.01.30.
- <P055805> **WANG Jun; YE Chao; CHEN Fei; SHI Lei and LO Yam Kuen Dennis.** "Wavelength Tunable Two-photon-pumped Distributed Feedback Zirconia Waveguide Lasers". *Journal of Optics A: Pure and Applied Optics* vol.7 pp.261-264. United Kingdom: IOP Publishing Ltd, 2005.03.22.
- <P055842> **YUNG Man Hong and BOSE Sougato.** "Perfect State Transfer, Effective Gates, and Entanglement Generation in Engineered Bosonic and Fermionic Networks". *Physical Review A* vol.71 art. no. 032310 (6 pages). United States of America: The American Physical Society, 2005.03.14.
- <P055917> **LAW Chi Kwong.** "Quantum Entanglement as an Interpretation of Bosonic Character in Composite Two-particle Systems". *Physical Review A* vol.71 art. no. 034306 (4 pages). United States of America: The American Physical Society, 2005.03.21.

- <P055958> **HUI Koon Chung; LAI Chung Wing and ONG Hock Chun Daniel.** "Electron-beam-induced Optical Memory Effect in Metallized ZnO Thin Films for the Application of Optical Storage". *Thin Solid Films* vol.483 pp.222-225. Netherlands: Elsevier B.V., 2005.04.13.
- <P056091> **XU Chen; MA Yu-qiang; HUI Pak Ming and TONG Fu-qiang.** "Microstructures in Strongly Interacting Dipolar Fluids". *Chinese Physics Letters* vol.22 no.2, pp.485-488. China: Chinese Physical Society, 2005.02.
- <P056454> **ZHANG L. F.; XU C.; HUI Pak Ming and MA Y. Q..** "Influence of Dipolar Interaction on Small Magnetic Dot Arrays". *Journal of Applied Physics* vol.97 art. no. 103912 (5 pages). United States of America: American Institute of Physics, 2005.05.10.
- <P056535> **XIAO Junjun; HUANG Jiping and YU Kin Wah.** "Optical Response of Strongly Coupled Metal Nanoparticles in Dimer Arrays". *Physical Review B* vol.71 art. no. 045404 (8 pages). United States of America: The American Physical Society, 2005.01.06.
- <P056650> **ZHAO Kun; FENG J. F.; HUANG Y. H. and WONG Hong Kuen.** "Magnetotransport Properties of  $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{YBa}_2\text{Cu}_4\text{O}_8/\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$  Sandwiches". *Chinese Physics* vol.14 pp.398-403. China: Chinese Physical Society, 2005.02.
- <P056735> **KWOK Tsun Ah Joseph and YU Kin Wah.** "Optical Response of Graded Films". *Paper presented in the APS March Meeting 2005*, organized by American Physical Society. 2005.03.25.
- <P056913> **DENG Chengji; WONG Man Ling; HO Man Wai; YU Peng and NG Hang Leung Dickon.** "Formation of MgO and Mg-Zn Intermetallics in an Mg-based Composite by in situ Reactions". *Composites Part A: Applied Science and Engineering* vol.36 no.5, pp.551-557. England: Elsevier Ltd., 2005.05.
- <P057402> **BONCA J.; BATISTA C. D.; GUBERNATIS J. E. and LIN Hai Qing.** "Electronically Driven Ferroelectricity in the Extended Falicov-Kimball Model". *International Journal of Modern Physics B* vol.19 pp.525-527. Singapore, 2005.01.30.
- <P057426> **FANG Z. L.; LAU Leo Woon Ming and RABALAIS J. W..** "Computational Study of Low Energy Ion Surface Hyperchanneling". *Surface Science* vol.581 pp.1-8. Netherlands: Elsevier B.V., 2005.03.10.
- <P057514> **YEUNG Man Yi; LO Chi Fai and SO S. K..** "An Ab Initio Study of Carbazole Model Compounds". *Journal of Theoretical & Computational Chemistry* vol.4 pp.103-115. Singapore: World Scientific Publishing Co. Pte. Ltd., 2005.03.
- <P057615> **HUANG Jiping and YU Kin Wah.** "Second-harmonic Generation in Graded Metallic Films". *Optics Letters* vol.30 no.3, pp.275-277. United States of America: Optical Society of America, 2005.02.01.
- <P057658> **XIA Keqing; ZHOU Shengqi and SUN Chao.** "Statistics and Scaling of the Velocity Field in Turbulent Thermal Convection". *Progress in Turbulence*, eds. J. Peinke, A. Kittel, S. Barth and M. Oberlack, pp.163-170. Germany: Springer-Verlag, 2005.
- <P057754> **LEE Wing Fai and LIN Hai Qing.** "Two-dimensional Quarter-filled Extended Hubbard Model at Strong Coupling". *International Journal of Modern Physics B* vol.19 pp.213-126. Singapore, 2005.01.30.

- <P057789> **TSUI Lung Kwan and LEUNG Pui Tang.** "Universality in Quasi-normal Modes of Neutron Stars". *Monthly Notices of the Royal Astronomical Society* vol.357 pp.1029-1037. England: Blackwell Publishing Ltd., 2005.03.
- <P057960> **LO Chi Fai.** "Exact Solutions of Nonlinear Fokker-Planck Equations of the Desai-Zwanzig Type". *Physics Letters A* vol.336 pp.141-144. Netherlands: Elsevier B.V., 2005.01.13.
- <P058502> **NG Ho Tsang and LEUNG Pui Tang.** "Two-mode Entanglement in Two-component Bose-Einstein Condensates". *Physical Review A* vol.71 art. no. 013601 (9 pages). United States of America: The American Physical Society, 2005.01.03.
- <P058571> **LAI Chun Hei; AN Jin and ONG Hock Chun Daniel.** "Surface-plasmon-mediated Emission from Metal-capped ZnO Thin Films". *Applied Physics Letters* vol.86 art. no. 251105 (3 pages). United States of America: American Institute of Physics, 2005.06.16.
- <P058794> **HUI Koon Chung; ONG Hock Chun Daniel; LEE P. F. and DAI J. Y..** "Effects of AlO<sub>x</sub>-cap Layer on the Luminescence and Photoconductivity of ZnO Thin Films". *Applied Physics Letters* vol.86 art. no. 152116 (3 pages). United States of America: American Institute of Physics, 2005.04.08.
- <P058920> **YU Kin Wah.** "Electrokinetic Behaviour of Inhomogeneous Biological Cells and Colloidal Particles". Paper presented in the Conference on Physics 2005: A Century After Einstein. Warwick, United Kingdom, 2005.04.10.
- <P059180> **WANG Juan; LAU Leo Woon Ming and LI Quan.** "Effects of Particle Size and Spacing on the Optical Properties of Gold Nanocrystals in Alumina". *Journal of Applied Physics* vol.97 art. no. 114303 (8 pages). United States of America: American Institute of Physics, 2005.05.24.
- <P059225> **HUNG H. H. and GONG Changde.** "Numerical Evidence of a Spin-1/2 Chain Approaching a Spin-1 Chain". *Physical Review B* vol.71 art. no. 054413 (5 pages). United States of America: The American Physical Society, 2005.02.22.
- <P059288> **ZHAO K.; FENG J. F.; HUANG Y. H.; LI Ho and WONG Hong Kuen.** "Magnetic Coupling in La<sub>0.67</sub>Ca<sub>0.33</sub>MnO<sub>3</sub>/La<sub>0.67</sub>Sr<sub>0.33</sub>CoO<sub>3</sub>/La<sub>0.67</sub>Ca<sub>0.33</sub>MnO<sub>3</sub> Sandwiches". *Thin Solid Films* vol.476 pp.326-330. Netherlands: Elsevier B.V., 2005.04.08.
- <P059435> **YAM Chi Tong; HUANG Jiping and YU Kin Wah.** "Dielectric Behaviors of Polydisperse Cell Suspensions". Paper presented in the APS March Meeting 2005, organized by American Physical Society. 2005.03.22.
- <P059563> **Jin An; Kun Xue; H.C. Ong and J.B. Xu.** "A Study of AlO<sub>x</sub> Capped ZnO Thin Films by Conducting Atomic Force Microscopy and Scanning Kelvin Probe Microscopy". *China International Conference on Nanoscience & Technology 2005* 80-04-1007. Beijing, China: National Center for Nanoscience and Technology of China, 2005.06.09.
- <P059589> **JOHNSON Neil F.; CHOE Sehyo C.; GOURLEY Sean; JARRETT Timothy and HUI Pak Ming.** "Crowd effects in competitive, multi-agent populations and networks". Paper presented in the 8th Annual Workshop on Economics with Heterogeneous Interacting Agents (29-31 May 2003), Lecture Notes in Economics and Mathematical Systems vol.550, pp.55-70. Germany, 2005.
- <P059685> **ZHANG Xitian; IP Kit Man; LI Quan and HARK Sui Kong.** "Photoluminescence of Ag-doped ZnSe Nanowires Synthesized by Metalorganic Chemical Vapor Deposition". *Applied Physics Letters* vol.86, art. no. 203114 (3 pages). United States of America: American Institute of

Physics, 2005.05.12.

<P059995> **HRYCIW A.; BLOIS C.; MELDRUM A. and LI Quan.** "Photoluminescence from Er-doped Silicon Oxide Microcavities". *Paper presented in the European MRS 2005 Spring Meeting*, organized by European Materials Research Society. Strasbourg, France, 2005.05.31.

<P945556> **WONG Wing Hung; LO Chi Fai and WANG Y. L..** "Coupled-cluster approximation for a spin-1 Heisenberg antiferromagnet with anisotropic exchange interaction and easy-plane single-ion anisotropy". *Physical Review B-Condensed Matter* vol.50 p.6126. 1994.

<P947400> **WONG Wing Hung and LO Chi Fai.** "Coupled-cluster approximation for the linear E-e Jahn-Teller effect". *Physical Review B-Condensed Matter* vol.50 p.17615. 1994.

See Also <P041225 >, <P044016 >, <P044791 >, <P045535 >, <P046504 >, <P047320 >, <P047331 >, <P049278 >, <P050073 >, <P050172 >, <P050478 >, <P051132 >, <P054061 >, <P056361 >, <P057768 >, <P057893 >, <P058175 >, <P059177 >, <P059465 >



- <P031479> **LEE Sik Yum and LU Bin.** "Case-deletion Diagnostics for Nonlinear Structural Equation Models". *Multivariate Behavioral Research* vol.38 pp.375-400. USA, 2003.
- <P034423> **ZHU Hong Tu and LEE Sik Yum.** "Local Influence for Generalized Linear Mixed Models". *Canadian Journal of Statistics* vol.31 pp.293-309. Canada, 2003.
- <P042386> **LEE Sik Yum and SONG Xinyuan.** "Evaluation of the Bayesian and Maximum Likelihood approaches in analyzing Structural Equation Models with Small Sample Sizes.". *Multivariate Behavioral Research* vol.39 pp.653-686. 2004.
- <P044659> **JIAN T; SHI N Z and LEE Sik Yum.** "Drug Risk Assessment with Determining the Number of Sub-population under Finite Mixture Normal Model". *Computational Statistics and Data Analysis* vol.46 pp.661-676. 2004.
- <P044806> **LEE Sik Yum and TANG Niansheng.** "Local Influence Analysis of Nonlinear Structural Equation Models". *Psychometrika* vol.69 pp.573-592. 2004.
- <P045600> **LEUNG Pui Lam William and LAU Kin Nam.** "Estimating the City-block Two-dimensional Scaling Model with Simulated Annealing". *European Journal of Operational Research* vol.158 2 pp.518-524. Elsevier Sciences B.V., 2004.10.16.
- <P047938> **WONG Hoi Ying and LI KA LEUNG.** "On Bias of Testing Merton's Model". *Financial Engineering and Applications* 9 pgs. Alberta, Canada: ACTA Press, 2004.11.08.
- <P048003> **CHAN Ngai Hang.** "Foreign Exchange Risk in Insurance". *Encyclopaedia in Actuarial Science* ed. by Sundt, B. and TEugels, J. pp.721-723. Chichester, United Kingdom: John Wiley and Sons, 2004.09.
- <P048195> **LEE Sik Yum and SONG Xinyuan.** "Maximum Likelihood Analysis of a General Latent Variable Model with Hierarchically Mixed Data". *Biometrics* vol.60 pp.624-636. 2004.
- <P048653> **LEE Sik Yum and XU Liang.** "Influence Analysis of Nonlinear Mixed-effects Models". *Computational Statistics and Data Analysis* vol.45 pp.321-341. 2004.
- <P049331> **LEE Sik Yum and XU Liang.** "On Local Influence analysis of Full Information Item Factor Models". *Psychometrika* vol.68 pp.339-360. USA, 2004.
- <P050583> **CHAN Ngai Hang.** "Weighted Least Absolute Deviations Estimation for an AR(1) Process with ARCH(1) Errors". *Biometrika* vol.92 pp.477-484. 2005.
- <P050728> **ZHANG C. Q.; CHAN L. Y.; GUAN Y. N.; LI Kim Hung and LAU Tai Shing.** "Optimal Designs for an Additive Quadratic Mixture Model Involving the Amount of Mixture". *Statistica Sinica* vol.15 no.1, pp.165 - 176. Taiwan, 2005.01.
- <P055124> **LEE Sik Yum and SONG Xinyuan.** "Maximum Likelihood Analysis of a Two-Level Nonlinear Structural Equation Model with Fixed Covariates". *Journal of Educational and Behavioral Statistics* vol.30 pp.1-26. 2005.
- <P055938> **CHAN Ngai Hang.** "Quantile Inference for Nealy Non-stationary Autoregressive Time Series with Infinite Variance". *Statistica Sinica* vol.15 2005.

<P056701> **CHAN Ngai Hang.** "Long-Memory Dynamic Tobit Models". *Journal of Forecasting* vol.24 2005.

<P057618> **LEUNG Chi Ying.** "Regularized classification for mixed continuous and categorical variables under across-location heteroscedasticity". *Journal of Multivariate Analysis* vol.93 pp.358-374. U.S.A.: Elsevier Sciences B.V., 2005.04.

<P058071> **CHAN Ngai Hang.** "Efficient Estimations of Seasonal Long-Range Dependent Processes". *Journal of Time Series Analysis* vol.26 pp.863-892. 2005.

- <P017742> **GUO Y. Q.; WANG Z. P. and SHUM Kar Ping.** "Thierrin theorem in semigroups and its generalization". *P.U.M.A.* vol.12 no.4, pp.383-388. 2001.
- <P022541> **ZHU Lujin; GUO Wenbin and SHUM Kar Ping.** "Weakly c-Normal Subgroups of Finite Groups and Their Properties". *Communications in Algebra* vol.30 no.11, pp.5505-5512. 2002.
- <P022934> **GUO Wenbin and SHUM Kar Ping.** "Frattini Theory for Classes of Finite Universal Algebras of Mal'cev Varieties". *Siberian Mathematical Journal* vol.43 no.6, 2002.
- <P030036> **KIM Ann Chi and SHUM Kar Ping.** "Bernhard Hermann Neumann (15 October 1909-21 October 2002)". *Advances in Algebra* pp.ix-x. River Edge, NJ: World Sci. Publishing, 2003.
- <P030060> **GUO Yu Qi; SHUM Kar Ping and SEN M. K..** "The Semigroup Structure of Left Clifford Semirings". *Acta Mathematica Sinica, English Series* vol.19 no.2, pp.1-11. 2003.
- <P030510> **GUO Xiuyun and SHUM Kar Ping.** "Cover-avoidance Properties and the Structure of Finite Groups". *Journal of Pure and Applied Algebra* vol.181 pp.297-308. 2003.
- <P030800> **GUO Xiuyun; SHUM Kar Ping and BALLESTER-BOLINCHES A..** "On Complemented Minimal Subgroups in Finite Groups". *Journal of Group Theory* vol.6 pp.159-167. 2003.
- <P031052> **SANH Nguyen Van; CHOTCHAISTHIT Somchit and SHUM Kar Ping.** "Mininjectivity and Kasch Modules". *East-West J. of Mathematics* vol.5 no.2, pp.97-106. 2003.
- <P031131> **ZHANG Liang; ZHENG Hong Fen and SHUM Kar Ping.** "Combinatorial Properties of Codes with Degree  $n$ ". *European Journal of Combinatorics* vol.24 pp.239-252. 2003.
- <P031173> **KEHAYOPULU N. and SHUM Kar Ping.** "Equivalent Extensions of Ordered Sets". *Algebras Groups and Geometries* vol.20 pp.387-402. 2003.
- <P032470> **SEN M. K.; SHUM Kar Ping and GUO Y. Q..** "On Generalized  $E$ -Inverse Semigroups". *Italian Journal of Pure and Applied Mathematics* no.13, pp.65-70. 2003.
- <P033370> **LEUNG Chi-kwan and SHUM Kar Ping.** "Von Neumann Regular Subrings of the Endomorphism Ring  $\text{End}_{\mathbb{R}}(M^{(I)})$ ". *Journal of Applied Algebra and Discrete Structures* vol.1 no.1, pp.1-6. 2003.
- <P033597> **GUO Y. Q. and SHUM Kar Ping.** " $n$ -independent subsets of  $n$ -dimensional vector". *P.U.M.A.* vol.14 no.1-2, pp.51-55. 2003.
- <P033973> **GUO Wenbin; SHUM Kar Ping and SKIBA Alexander.** "G-Covering Subgroup Systems for the Classes of Supersoluble and Nilpotent Groups". *Israel Journal of Mathematics* vol.138 pp.125-138. 2003.
- <P034157> **DU Lan and SHUM Kar Ping.** "On Left C-wrpp Semigroups". *Semigroup Forum* vol.67 pp.373-387. 2003.
- <P035750> **GUO Wenbin and SHUM Kar Ping.** "Uncancellative factorizations of Baer-local formations". *Journal of Algebra* vol.267 pp.654-672. 2003.

- <P035796> **GUO Xiuyun and SHUM Kar Ping.** "On  $c$ -normal maximal and minimal subgroups of Sylow  $p$ -subgroupsp of finite groups". *Archiv der Mathematik* vol.80 pp.561-569. 2003.
- <P035891> **SANH Nguyen Van; CHOTCHAISTHIT Somchit and SHUM Kar Ping.** "Mininjectivity and Kasch Modules". *East-West Journal of Mathematics* vol.5 no.2, pp.113-122. 2003.
- <P036229> **ZHANG Liang; SHUM Kar Ping and PENG Shou-li.** "Completion of codes with finite bi-decoding delays". *Theoretical Computer Science* vol.306 pp.123-137. 2003.
- <P037489> **ZHANG Xinjian; GUO Wenbin and SHUM Kar Ping.** " $s$ -Normal Subgroups of Finite Groups". *Journal of Applied Algebra and Discrete Strcutures* vol.1 no.2, pp.99-108. 2003.
- <P037604> **ZHAO X. Z.; GUO Y. Q. and SHUM Kar Ping.** "Sturdy Frames of Type  $(2, 2)$  Algebras and Their Applications to Semirings". *Fundamenta Mathematicae* vol.179 pp.69-81. 2003.
- <P037856> **SHUM Kar Ping; SEN M. K. and GUO Y. Q..** "Subdirect Product Structure of Left Clifford Semigroups". *Words, Languages & Combinatorics III* Proceedings of the International Conference . 428-433. 2003.
- <P037861> **LI H. C. and SHUM Kar Ping.** "On a Problem of Spectral Posets". *Journal of Applied Alegbra and Discrete Structures* vol.1 no.3, pp.203-209. 2003.
- <P038055> **GUO Xiuyun and SHUM Kar Ping.** "On  $p$ -Nilpotency of Finite Groups with Some Subgroups  $c$ -Supplemented". *Algebra Colloquium* vol.10 no.3, pp.259-266. 2003.
- <P038897> **SHUM Kar Ping and GUO Y. Q..** "A New Proof of Kaplansky-Jacobson Theorem on One-sided Inverses". *Scientiae Mathematicae Japonicae Online* vol.9 pp.431-433. 2003.
- <P038913> **GUO Xiaojiang and SHUM Kar Ping.** "On translation hulls of type-A semigroups". *Journal of Algebra* vol.269 pp.240-249. 2003.
- <P039353> **GUO Wenbin and SHUM Kar Ping.** "Lattices of Schunck Classes of Finite Universal Algebras". *Algebra Colloquium* vol.10 no.2, pp.219-228. 2003.
- <P039369> **GUO Xiuyun and SHUM Kar Ping.** "Permutability of Minimal Subgroups and  $p$ -Nilpotency of Finite Groups". *Israel Journal of Mathematics* vol.136 pp.145-155. 2003.
- <P040663> **SHUM Kar Ping and REN X. M..** "On Super Hamiltonian Semigroups". *Czechoslovak Mathematical Journal* vol.54 no.129, pp.247-252. 2004.
- <P041545> **SHUM Kar Ping and REN X. M..** "Abundant Semigroups and Their Special Subclasses". *Bull. Cal. Math. Soc.* vol.4 pp.305-320. 2004.
- <P041553> **SHUM Kar Ping and REN X. M..** "The Structure of Right  $C$ -rpp Semigroups". *Semigroup Forum* vol.68 pp.280-292. 2004.
- <P041627> **GUO Xiaojiang and SHUM Kar Ping.** "On Left Cyber Groups". *Intern. Math. Journal* vol.5 no.8, pp.705-717. 2004.

- <P042331> **GUO Xiaojiang; GUO Yuqi and SHUM Kar Ping.** "Left Abundant Semigroups". *Communications in Algebra* vol.32 no.6, pp.2061-2085. 2004.
- <P043085> **WU Congxin and SHUM Kar Ping.** "Fuzzy  $n$ -prime and Fuzzy Strongly  $n$ -prime Semi-ideals in Semilattices". *Algebras Groups and Geometries* vol.21 pp.437-450. 2004.
- <P043542> **LEE Shuk Yee and SHUM Kar Ping.** "Broad Fuzzy Extension of Certain Fuzzy Ideals of Semigroups on Strong Semilattices". *The Journal of Fuzzy Mathematics* vol.12 no.4, pp.1549-1562. 2004.
- <P044113> **何勇; 郭聿琦 and SHUM Kar Ping.** "純整超  $rpp$  半群的構造". *中國科學 A 輯 數學* vol.34 no.3, pp.304-314. 2004.
- <P044451> **LEE Shuk Yee; SHUM Kar Ping and WU Congxin.** "Filters in Fuzzy Implicative Semigroups". *Communications in Algebra* vol.32 no.12, pp.4633-4651. 2004.
- <P044702> **SHUM Kar Ping and GUO Y Q.** "A New Proof of Kaplansky-Jacobson Theorem on One-sided Inverses". *Sci. Math. Jpn.* vol.59 no.3, pp.531-533. 2004.
- <P045169> **GO Venbin; SHUM Kar Ping and SKIBA A. N.** " $G$ -covering systems of subgroups for classes of  $p$ -supersolvable and  $p$ -nilpotent finite groups". *Sibirsk. Mat. Zh.* vol.45 no.3, pp.527-539. 2004.
- <P046482> **REN Xueming and SHUM Kar Ping.** "The Structure of Superabundant Semigroups". *Science in China Series A Mathematics* vol.47 no.5, pp.756-771. 2004.
- <P047350> **SEN Mridul K.; MAITY Sunil K. and SHUM Kar Ping.** "Clifford Semifields". *Discussiones Mathematicae* vol.24 pp.125-135. 2004.
- <P047847> **XU Yonghua and SHUM Kar Ping.** "New Direct Product Rings, Their Structures and Applications". *Algebra Colloquium* vol.11 no.4, pp.493-514. 2004.
- <P049407> **GUO Xiuyun; SUN Xiuping and SHUM Kar Ping.** "On the Solvability of Certain  $c$ -Supplemented Finite Groups". *Southeast Asian Bulletin of Mathematics* vol.28 pp.1029-1040. 2004.
- <P050027> **LEE Shuk Yee; SHUM Kar Ping and WU Congxin.** "Commutative and Non-commutative Fuzzy Order Filters". Paper presented in the IFSA2005/Beijing - Mathematical Foundations of Fuzzy Set Theory, pp.71-76. Beijing, China, 2005.
- <P050793> **GUO Wenbin and SHUM Kar Ping.** "A Note on Finite Groups whose Normalizers of Sylow 2, 3-Subgroups are Prime Power Indices". *Journal of Applied Algebra and Discrete Structures* vol.3 no.1, pp.1-9. 2005.
- <P051772> **CHEN Yuqun; SHUM Kar Ping and HAO Zhifeng.** "Radicals of Semilattice-graded Rings". *Algebra Colloquium* vol.12 no.4, pp.591-596. 2005.
- <P051903> **LEE Shuk Yee; SHUM Kar Ping and WU Congxin.** "Broad Fuzzy Extension of Certain Fuzzy Ideals of Semigroups on Strong Semilattices". *The Journal of Fuzzy Mathematics* vol.13 no.4, pp.785-797. 2005.

- <P052158> **KONG Xiangzhi and SHUM Kar Ping.** "Completely Regular Semigroups with Generalized Strong Semilattice Decompositions". *Algebra Colloquium* vol.12 no.2, pp.269-280. 2005.
- <P052182> **GUO Xiuyun and SHUM Kar Ping.** "Finite  $p$ -nilpotent Groups with Some Subgroups  $c$ -supplemented". *J. Aust. Math. Soc.* vol.78 pp.1-11. 2005.
- <P052811> **KEHAYOPULU N.; TSINGELIS M. and SHUM Kar Ping.** "Homomorphism Theorems for Ordered Groupoids". *Algebras Groups and Geometries* vol.22 pp.25-36. 2005.
- <P052983> **LOPEZ-PERMOUTH Sergio R.; SHUM Kar Ping and SANH Nguyen Van.** "Kasch Modules and  $pV$ -Rings". *Algebra Colloquium* vol.12 no.2, pp.219-227. 2005.
- <P053664> **CHAIRAT Sarapee; SOMSUP Chitlada; SHUM Kar Ping and SANH Van Nguyen.** "A Generalization of Azumaya's Theorem on  $M$ -Injective Modules". *Southeast Asian Bulletin of Mathematics* vol.29 pp.277-281. 2005.
- <P053797> **BOKUT L. A. and SHUM Kar Ping.** "Gröbner and Gröbner-Shirshov Bases in Algebra: An Elementary Approach". *Southeast Asian Bulletin of Mathematics* vol.29 pp.227-252. 2005.
- <P056315> **GUO Xiaojiang and SHUM Kar Ping.** "Left Semi-perfect Abundant Semi-groups of Type W". Paper presented in the Proceeding of the Royal Society of Edinburgh, organized by The Royal Society of Edinburgh , 135A, pp.603-613. 2005.
- <P058405> **GUO Wenbin; SHUM Kar Ping and SKIBA Alexander.** "Conditionally Permutable Subgroups and Supersolubility of Finite Groups". *Southeast Asian Bulletin of Mathematics* vol.29 pp.493-510. 2005.
- <P988448> **STRUNKOV S P and SHUM Kar Ping.** "On a Problem of Burnside Type in the Theory of Semigroups". *Kurosh Algebraic Conference '98 Abstracts of Talks* ed. by Yu A Bahturin, A I Kostrikin, A Yu Ol'shanskii . pp.119. 1998.

See Also <P035817 >

- <P041667> 方玉輝 及 陳錦良. 編. 《香港醫療體制的前瞻》. 香港特別行政區: 俊良文化事業有限公司, 2004.09.
- <P042752> **CHE Chun Tao.** "Chinese Medicine Education at The Chinese University of Hong Kong". *Asia Pacific Biotech News* vol.8 no.23, pp.1262-1264. 2004.
- <P045335> **LIU Xin; YE Wencai; MO Ziyao; YU Biao; ZHAO Shouxun; WU Houming; CHE Chun Tao; JIANG Renwang; MAK Thomas Chung Wai and HSIAO W. L. Wendy.** "Five New Ocotillone-Type Saponins from *Gynostemma pentaphyllum*". *J. Nat. Prod.* vol.67 no.7, pp.1147-1151. United States of America: American Chemical Society and American Society of Pharmacognosy, 2004.
- <P045454> **ZHANG Zun-jian; ZHANG Xiao-qi; YE Wen-cai; WANG Ying; CHE Chun Tao and ZHAO Shou-xun.** "A New 1,4-Phenanthraquinone from *Menispermum Dauricum*". *Natural Product Research* vol.18 no.4, pp.301-304. London, United Kingdom: Taylor & Francis Health Sciences, 2004.08.
- <P046842> 宗玉英 及 車鎮濤. <一种快速制备永久中藥材切片的方法>. 《中國中藥雜誌》第29卷第11期, 頁1122. 2004.11.
- <P049046> 孫外主 及 陳錦良. 《針灸臨證指要》 香港特別行政區: 商務印書館(香港)有限公司, 2004.07.
- <P050604> **WONG Yeuk Oi; SUNG Yn Tz Rita; CHAN Wood Yee; LI Kwai Har Karen; ZHAO YU; LI Man Chim Albert Martin; KO Chun Hei Erik; FOK Tai Fai and FUNG Kwok Pui.** "Immunomodulatory Effect of the Chinese Herbal Formula CUF2 in Ovalbumin-sensitized Rats". Paper presented in the Annual Scientific Meeting of the Hong Kong Society for Immunology 2005, 1 pgs. Hong Kong, 2005.04.16.
- <P051241> **LIN Zhixiu; TSE Wai-pui; CHE Chun Tao and LIU Wing Keung Ken.** "Anti-proliferative Effects of Chinese Medicine on Cultured HaCaT Cells. ". *The 46th Annual Conference of the American Society of Pharmacognosy* 2005.
- <P055195> **LIU Wing Keung Ken; HO J. C. K. and CHE Chun Tao.** "Apoptotic Activity of Isomalabaricane Triterpenes on Human Promyelocytic Leukemia HL60 Cells". *Cancer Letters* vol.230 pp.102-110. Ireland: Elsevier Ireland Ltd., 2005.
- <P056614> **ZHANG Wei Han; ZHONG Hong Mao and CHE Chun Tao.** "Cycloartanes from The Red Alga *Galaxaura* Sp.". *Journal of Asian Natural Products Research* vol.7 no.1, pp.59-65. EBSCO, 2005.02.
- <P057171> 曹進、葉兆波、車鎮濤、王義明 及 羅國安. <色譜指紋圖譜在中藥產品專利申請中的應用>. 《藥物分析雜誌》第25卷第6期, 頁742-744. 2005.
- <P058263> **WONG Yeuk Oi; SUNG Yn Tz Rita; YANG Q H; CHAN Wood Yee; LI Kwai Har Karen; ZHAO YU; LI Man Chim Albert Martin; FOK Tai Fai and FUNG Kwok Pui.** "Modification of Sensitization Methods Can Induce Allergic Inflammation in the Lungs of Allergy-Resistant Sprague Dawley Rats". Paper presented in the 61st Annual Meeting American Academy of Allergy, Asthma & Immunology, 1 pgs. San Antonio, USA, 2005.03.18.

See Also <P045946 >, <P051688 >