

- <P021467> **GUO Y. Q.; WANG Z. P. and SHUM Kar Ping.** "Thierrin Theorem in Semigroups and its Generalization". *Pure Math and its Application* vol.12 no.4, pp.383-388. Budapest, Hungary: SAS International Press, 2002.12.
- <P022214> **郭秀雲 及 岑嘉評.** <有限群的極小子群與  $\rho$ -冪零性>. 《中國科學(A 輯)》第 32 卷 第 9 期, 頁 780-790. 中國科學出版社, 北京: 中國科學出版社, 2002.09.
- <P022955> **GUO Wen Bin and SHUM Kar Ping.** "Fratini Theory for Classes of Finite Universal Algebras of Malcev Varieties". (also in Russian) *Siberian Mathematical Journal* vol.43 no.6, pp.1273-1292. Siberia: Russian Academy of Science Branched in Siberia, 2002.10.
- <P028831> **SHUM Kar Ping and GUO Xiuyun.** "On  $p$ -nilpotency and Minimal Subgroups of Finite Groups". *Science in China (Series A)* vol.45 no.10 pp.1-11. 2002.10.
- <P029290> **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. United States of America: Marcel Dekker, 2002.07.
- <P030440> **GUO Wenbin and SHUM Kar Ping.** "Lattices of Schunck Classes of Finite Universal Algebras". *Algebra Colloquium* vol.10 no.2, pp.219-228. Springer-Verlag, 2003.06.
- <P031611> **WANG Z. P.; ZHANG R. H. and SHUM Kar Ping.** "Refined Semilattice Structure of  $C^*$ -Quasiregular Semigroups". *Intern. Math. Journal* vol.3 no.6, pp.627-640. International Scientific Press, 2003.03.
- <P035844> **LEUNG Chi-kwan and SHUM Kar Ping.** "Von Neumann Regular Subrings of the Endomorphism Ring  $End_R(M^{(\Gamma)})$ ". *Journal of Applied Algebra and Discrete Structures* vol.1 pp.1-6. SAS International Publications, 2003.01.
- <P036182> **SHUM Kar Ping and GUO Y. Q.** "A New Proof of L.K. Hua's Theorem on Homomorphisms". *Scientiae Mathematicae Japonicae Online* vol.9 pp.1-3. Tokyo, Japan: Mathematical Association of Japan, 2003.04.
- <P037033> **GUO X. Y.; SHUM Kar Ping and BALLESTER-BOLINCHES A..** "On Complemented Minimal Subgroups in Finite Groups". *Journal of Group Theory* vol.6 no.2, pp.159-167. United Kingdom, 2003.
- <P038124> **GUO Yu Qi; SHUM Kar Ping and SEB M. K.** "The Semigroup Structure of Left Clifford Semirings". *Acta Mathematica Sinica, English Series* vol.19 no.2, pp.1-11. Springer, Germany: Springer, 2003.04.
- <P039326> **SEN M. K.; REN X. M. and SHUM Kar Ping.** "A New Structure Theorem of LC-Semigroups and a Method for Construction". *Intern. Math. Journal* vol.3 no.3, pp.283-295. International Scientific Press, 2003.04.
- <P039795> **LI Gang and SHUM Kar Ping.** "A Rees Matrix Representation Theorem for  $U$ -Semi-Superabundant Semigroups". *Intern. Math. Journal* vol.3 no.3, pp.353-363. International Scientific Press, 2003.02.

- <P021410> **TAM Wing-Yin; CHEN Zhenyu; HE Zhen-Dan; YAO Xiaoqiang; LAU Chi Wai and HUANG Yu.** "Enhancement of Contraction of Rat Mesenteric Artery by Acteoside: Role of Endothelial Nitric Oxide". *Journal of Natural Products* vol.65 no.7 pp.990-995. USA: American Chemistry Society, 2002.07.
- <P021548> **LAM Chikwan Annie; LAU Tai Shing; DICKINSON Arthur James and GULDAN Georgia Sue.** "The Feasibility of Medical Nutrition Therapy (MNT) Practice Guidelines among Chinese Type 2 Diabetic Patients: A Pilot Randomised-Controlled Trial". *Diabetes Research and Clinical Practice* 2002.10.02.
- <P021682> **GULDAN Georgia Sue.** "Infant Feeding Practices, Policies and Programs in 20 Western Pacific Countries". *International Symposium on Maternal and Infant Nutrition* Beijing, China, 2002.11.29.
- <P021841> **CHEN Zhenyu; WONG Yuen Fan; LEUNG M W S; HE Z D and HUANG Yu.** "Characterization of Antioxidants Presents in Bitter Tea (*Ligustrum Pedunculare*)". *Journal of Agricultural and Food Chemistry* vol.26 pp.7530-7535. United States of America: American Chemical Society, 2002.12.04.
- <P022523> **MAK N. K.; WONG R. N. S.; LEUNG Kwok Nam and FUNG Ming Chiu.** "Involvement of Tumor Necrosis Factor (TNF- $\alpha$ ) in Arsenic Trioxide Induced Apoptotic Cell Death of Murine Myeloid Leukemia Cells". *Toxicology Letters* vol.135 pp.79-87. Iceland: Elsevier Science Ireland Ltd, 2002.09.
- <P023397> **LUNG Hong Lok; IP W. K.; WONG Chun Kwok; MAK N K; CHEN Zhenyu and LEUNG Kwok Nam.** "Anti-Proliferative and Differentiation-Inducing Activities of the Green Tea Catechin Epigallocatechin-3-Gallate (EGCG) on the Human Eosinophilic Leukemia EoL-1 Cell line". *Life Sciences* vol.72 pp.257-268. Ireland: Elsevier Science Inc, 2002.12.
- <P023551> **ZHANG Zesheng; YEUNG Wk; HUANG Yu and CHEN Zhenyu.** "Effect of Squalene and Shark Liver Oil on Serum Cholesterol Level in Hamsters". *International Journal of Food Sciences and Nutrition* vol.53 pp.411-418. United States of America: Taylor & Francis, 2002.09.03.
- <P023935> **HO Wing Shing John; LEUNG Yuet Kin and CHAN Chun Pong.** "Potential of Medicinal Herbs in the Treatment of Liver Disorders". *Trends in Comparative Biochemistry and Physiology* vol.9 pp.269-273. India: Research Trends PVT. Ltd, 2002.12.
- <P024479> **CHAN Ho Yin Edwin; TUNG Kit Ching and OKANE J Cahir.** "Rev-GFP Transgenic Lines for Studies of Nucleocytoplasmic Transport in *Drosophila*". *Genesis* vol.34 no.1-2, pp.139-141. United States of America: Wiley-Liss Inc., New York, NY 10158-0012, 2002.09.12.
- <P025295> **LI Yan Chun; FUNG Kwok Pui; KWOK Tim Tak; LEE Cheuk Yu; SUEN Yick Keung and KONG Siu Kai.** "Mitochondrial Targeting Drug Lonidamine Triggered Apoptosis in Doxorubicin-resistant HepG2 Cells". *Life Sciences* vol.71 pp.2729-2740. United States of America: Elsevier, 2002.10.25.
- <P025400> **GULDAN Georgia Sue; KIJBOONCHOO Kallaya; POH Bee Koon and MILANO Wilma.** "Are Healthy Lifestyle Messages Reaching Our Asian Children?--An International Diet and Physical Activity KAP Study in Four Cities". Kuala Lumpur, Malaysia, 2002.08.21.
- <P025644> **GULDAN Georgia Sue; AU YEUNG Kit Mei; WAN Cheuk Wing; CHOI Ka Yan and CHUI Kwan Ho.** "Promoting Healthy Lifestyle to Hong Kong Primary and Secondary Students: 'The Fun-In-Seven' Programme". Seattle, United States of America, 2002.07.12.

- <P025873> **LI X; DING Y; TOO Hiu Mei; WANG Z; LIU Yi; DONG Y; SHAW Pang Chui and RAO Z.** "Crystallization and Preliminary X-Ray Crystallographic Studies of Trichosanthin Delta C7". *Protein and Peptide Letters* vol.9 no.3, pp.269-273. 2002.
- <P026439> **ZHANG Zesheng; HO Walter K. K.; HUANG Yu and CHEN Zhen Yu.** "Hypocholesterolemic Activity of Hawthorn Fruit is Mediated by Regulation of Cholesterol-7 $\alpha$ -hydroxylase and Acyl CoA: Cholesterol Acyltransferase". *Food Research International* vol.9 no.35 pp.885-891. USA: Elsevier, 2002.09.03.
- <P026633> **GULDAN Georgia Sue; AU Yeng Kit Mei; WAN C. W.; CHEE Yuet Oi; CHOI Ka Yan; CHUI Kwan Ho; CHIU Ha Ying; CHOW Chun Bong; LAU Wing Chung; MA Kee Maggie; YIU See Ping and HO Sze Ki.** "Introducing Primary and Secondary Students to Breastfeeding at School". Paper presented in the Pan-Asian Lactation Consultant Association (PALCA) 2002 Regional Conference, organized by Pan-Asian Lactation Consultant Association (PALCA), 2002.11.30.
- <P027187> **CHAN Hoi Yun; CHEN Zhenyu; YAO Xiaoqiang; LAU Chi Wai; ZHANG Zesheng; HO Walter K. K. and HUANG Yu.** "Differential Role of Endothelium in Hawthorn Fruit Extract-induced Relaxation of Rat Cerebral, Coronary, Carotid and Aorta". *Oriental Pharmacy and Experimental Medicine* vol.2 no.2 pp.87-93. South Korea: Hanrimwon Publishing Co, Korea, 2002.08.03.
- <P027536> **FONG Wing Ping; YAU M. H. and CHE Chun Tao.** "Anti-Oxidative Activity of an Aqueous Extract of Fructus Rubi". *Abstracts of Enhancing the Evidence-Base for TCM Practice: Methodology and Grantsmanship* Conference organised by the Health, Welfare and Food Bureau, the Government of the HKSAR; National Center for Complementary and Alternative Medicine, National Institute of Health, USA; University of Maryland, Baltimore, USA. Hong Kong SAR, 2002.10.
- <P027863> **YAU Chung Fai Forrest; WONG Ka Lok; WANG Jun; BUT Pui Hay Paul and SHAW Pang Chui.** "Generation of a Sequence Characterized Amplified Region Probe for Authentication of Crocodilian Species". *Journal of Experimental Zoology (Mol Dev Evol)* vol.294 pp.382-386. United States of America, 2002.
- <P027992> **GULDAN Georgia Sue; CHAN Chongyue Charles and CHOI Ka Yan.** "Diet and Physical Activity Knowledge, Attitudes and Practices among 10-12-year-old Primary School Students in Hong Kong". *Third Asian Congress of Dietetics* Kuala Lumpur, Malaysia, 2002.08.19.
- <P028370> **GULDAN Georgia Sue and PAU King Man.** "Community-Based Pilot Healthy Lifestyle Promotion for Middle-Aged Hong Kong Women Increases Knowledge Without Improving Behavior". *Society for Nutrition Education 2002 35th Annual Meeting* St Paul, United States of America, 2002.07.28.
- <P02842> **FONG Wing Ping; CHENG Hon Ki Christopher and TANG Wai-Kwan.** "Acetaldehyde-Oxidizing Enzymes in Black Seabream". *Enzymology and Molecular Biology of Carbonyl Metabolism 11th International Meeting, 2002* p.55. Ystad, Sweden: Dr. Henry Weiner, 2002.07.
- <P029134> **LEUNG Kwok Nam; IP W. K.; TUNG K. C.; LUNG Hong Lok and CHEN Zhenyu.** "Differential Effects of Epigallocatechin Gallate on the Proliferation and Differentiation of Murine Bone Marrow Cells and Myeloid Leukemia Cells". *Abstracts of the Australasian Society for Immunology 30th Annual Conference* p.A-8, Poster 10.6. Sydney, Australia: The Australasian Society for Immunology, 2002.12.

- <P029932> **CHAN Ho Yin Edwin; WARRICK M John; ANDRIOLA Isabella; MERRY E Diane and BONINI M Nancy.** "Genetic Modulation of Polyglutamine Toxicity by Protein Conjugation Pathways in *Drosophila*". *Human Molecular Genetics* vol.11 no.23, pp.2895-2904. United Kingdom: Oxford University Press, 2002.11.01.
- <P030404> **SHAW Pang Chui; WONG Kam Bo; CHAN Denise So Bik and WILLIAMS Roger L.** "Structural Basis for the Interaction of [E160A-E189A]-trichosanthin with Adenine". *Toxicon* vol.41 pp.575-581. 2003.
- <P032018> **LUI Pauline P. Y.; CHAN Leung Franky; SUEN Yick Keung; KWOK Tim Tak and KONG Siu Kai.** "The Nucleus of HeLa Cells Contains Tubular Structures for Ca<sup>2+</sup> Signaling with the Involvement of Mitochondria". *Biochemical and Biophysical Research Communications* vol.308 pp.826-833. United States of America: Academic Press, 2003.
- <P032073> **CHAN Ho Yin Edwin and BONINI M Nancy.** "*Drosophila* Models of Polyglutamine Diseases". *Neurogenetics: Methods and Protocols* ed. by Nicholas T. Potter. pp.241-251. United States of America: Humana Press Inc., 2003.01.01.
- <P032212> **LI Ying; GULDAN Georgia Sue; JIA Fengmei; SHI Huijing and IP Yan Ki Joyce.** "Effectiveness of Telephone VS In-person Interviews to Understand the Dietary Intake among Urban Chinese Women: Subjects Recruitment and Preliminary Findings". Paper presented in The Fifth International Conference on Dietary Assessment Methods, Chang Rai, Thailand, 2003.01.25.
- <P032439> **CHEN Yu-wai; BYCROFT Mark and WONG Kam Bo.** "Crystal Structure of Ribosomal Protein L30e from the Extreme Thermophile Thermococcus Celer: Thermal Stability and RNA Binding". *Biochemistry* vol.42 p.2857. 2003.
- <P032942> **KUSANO Ayumi; STABER Cynthia; CHAN Ho Yin Edwin and GANETZKY Barry.** "Closing the (Ran)GAP on Segregation Distortion in *Drosophila*". *BioEssays* vol.25 no.2, pp.108-115. United States of America: Wiley Periodicals, Inc., 2003.01.22.
- <P033114> **GULDAN Georgia Sue.** "Diet and Cancer Prevention in Hong Kong--The Changing Scene". Paper presented in the Ninth Asian Congress of Nutrition, organized by Federation of Asian Nutrition Societies, Delhi, India, 2003.02.24.
- <P033962> **GUO Qing; ZHOU Weihong; TOO Hiu Mei; LI Jianhui; LIU Yiwei; BARTLAM Mark; DONG Yicheng; WONG Kam Bo; SHAW Pang Chui and RAO Zihe.** "Substrate Binding and Catalysis in Trichosanthin Occur in Different Sites as Revealed by the Complex Structures of Several E85 Mutants". *Protein Engineering* vol.16 no.6, pp.391-396. United Kingdom, 2003.
- <P034851> **GULDAN Georgia Sue.** "Diet in Hong Kong: Are Ignorance and Affluence our Main Risk Factors?". Paper presented in the conference Diet, Lifestyle and the Prevention of Cancer in Hong Kong, organized by World Cancer Research Fund-Hong Kong, 2003.03.01.
- <P035043> **HO Wing Shing John.** "Simultaneous Detection of Trichloroethylene Alcohol and Acetate in Rat Urine by Gas Chromatography-Mass Spectrometry". *Journal of Chromatography B, Biomedical Sciences and Applications* (Biomedical Sciences). vol.789 pp.303-309. Netherlands: Elsevier, 2003.02.
- <P035431> **DING Yi; TOO Hiu Mei; WANG Zhilong; LIU Yiwei; BARTLAM Mark; DONG Yicheng; WONG Kam Bo; SHAW Pang Chui and RAO Zihe.** "The Structural Basis of Trp192 and the C-terminal Region in Trichosanthin for Activity and Conformational Stability". *Protein Engineering* vol.16 no.5, pp.351-356. United Kingdom, 2003.

<P036407> 王駿、邵鵬柱、畢培曦 及 顏輝娥。 <DNA 內切酶片段多態性在中藥材鑒中的應用。>。 中國專利 98100001.0, 中國, 2003.

<P036880> **ROBERTS J. Richard; BELFORT Marlene; BESTOR Timothy; BHAGWAT S. Ashok; BICKLE A. Thomas; BITINAITE Jurate; BLUMENTHAL M. Robert; DEGTYAREV Kh. Sergey; DRYDEN T.f. David; DYBVIG Kevin; FIRMAN Keith; GROMOVA S. Elizaveta; GUMPORT I. Richard; HALFORD E Stephen; HATTMAN Stanley; HEITMAN Joseph; HORNBY P. David; JANULAITIS Arvydas; JELTSCH Albert; JOSEPHSEN Jytte; KISS Antal; KLAENHAMMER R. Todd; KOBAYASHI Ichizo; KONG Huimin; KRUGER H. Detlev; LACKS Sanford; MARINUS G. Martin; MIYAHARA Michiko; MORGAN D. Richard; MURRAY E. Noreen; NAGARAJA Valakunja; PIEKAROWICZ Andrzej; PINGOUD Alfred; RAO N. Desirazu; RALEIGH Elisabeth; REICH Norbert; REPIN E. Vladimir; SELKER U. Eric; SHAW Pang Chui; STEIN C. Daniel; STODDARD L. Barry; SZYBALSKI Waclaw; TRAUTNER A. Thomas; VAN ETTEN L. James; VITOR M.b. Jorge; WILSON G. Geoffrey and XU Shuang-yong.** "A Nomenclature for Restriction Enzymes, DNA Methyltransferases, Homing Endonucleases and Their Genes". *Nucleic Acids Research* vol.31 no.7, pp.1805-1812. United Kingdom, 2003.

<P038550> **FONG Wing Ping; CHENG Hon Ki Christopher and TANG Wai Kwan.** "Purification and Characterization of Two Distinct Aldehyde-oxidizing Enzymes from the Liver of Black Seabream". *Chemico-Biological Interactions* vol.143-144 pp.159-167. Elsevier Science Ireland Ltd., 2003.02.01.

<P038768> **LEE Wing Cheung; LAU Kwok Fai; MILLER Christopher C.J. and SHAW Pang Chui.** "Glycogen Synthase Kinase-3 $\beta$ -mediated Tau Phosphorylation in Cultured Cell Lines". *Molecular Neuroscience* vol.14 no.2, pp.257-260. 2003.02.10.

See Also <P018326>, <P020342>, <P020458>, <P021227>, <P021645>, <P021966>, <P022001>, <P024496>, <P027120>, <P028175>, <P028609>, <P02895>, <P032402>, <P032652>, <P033665>, <P034595>, <P034985>, <P037930>, <P038310>, <P038717>, <P039941>, <P921091>, <P921092>, <P932273>, <P940105>, <P940157>, <P941074>

- <P004460> **CHUNG Hau Yin.** "Volatile Flavor Components in Red Fermented Soybean (*Glycine max*) Curds". *J. Agric. Food Chem.* vol.48 pp.1803-1809. 2000.
- <P005827> **LIU T. S.; WONG Po Keung; ZHUANG Y. H. and PANG S. W. ed.** *Journal of Environmental Sciences.* vol.12 no.1, 128 pgs. Amsterdam: IOS Press, 2000.
- <P006471> **WONG Po Keung; TRIVEDY R. K. and SHARMA S. ed.** *Asian Journal of Microbiology, Biotechnology & Environmental Sciences.* vol.2 no.1-2, 98 pgs. Aligarh, India: Global Science Publications, 2000.
- <P008341> **WONG Po Keung; CHUA Hong; Wang L.; LO W.H.; YU P.H.F. and ZHAO Y.G.** "An Optimal Magnetite Immobilized *Pseudomonas Putida* 5-X cell System for Cu<sup>2+</sup> Removal from Industrial Waste Effluent". *Water Science and Technology* vol.41 no.12 pp.241-246. UK: IWA Publishing, 2000.
- <P009500> **WANG L; CHUA H; LO WH; YU PHF; ZHAO YG and WONG Po Keung.** "A Novel Magnetite-immobilized Cell Process for Heavy Metal Removal from Industrial Effluent". *Applied Biochemistry and Biotechnology* vol.84-86 pp.1113-1126. USA, Totowa, NJ: Humana Press Inc., 2000.
- <P009809> **WONG Po Keung.** "Application of Enhanced Photocatalytic Oxidation in the Treatment of Azo Dyes in Textile Waste Waters". *Advances in Wastewater Treatment Technologies* pp.277-302 Aligarh, India: Global Science Publications, 2000.
- <P009814> **GE Wei.** "Roles of Activin Regulatory System in Fish Reproduction". *Canadian Journal of Physiology and Pharmacology* vol.78 pp.1077-1085. Canada: NRC Research Press, 2000.
- <P010775> **OLIVEIRA I. C.; BRENNER E.; CHIU J.; HSIEH M. H.; KOURANOV A.; LAM Hon Ming; SHIN M. J. and CORUZZI G. M.** "Metabolite and Light Regulation of Metabolism in Plants: Lessons from the Study of a Single Biochemical Pathway". *Braz. J. Med. Biol. Res.* vol.34 no.5, pp.567-575. 2001.
- <P013916> **CHUNG Hau Yin; YUNG Ka Shing Ivan and KIM J.- S.** "Comparison of the Volatile Components in Dry Scallops (*Chlamys farreri* and *Patinopecten yessoensis*) Prepared by Boiling and Steaming Methods". *J. Agric. Food Chem.* vol.49 pp.192-202. American Chemical Society, 2001.
- <P014020> **WONG Po Keung; LIU T. S.; ZHUANG Y. H. and PANG S. W. ed.** *Journal of Environmental Sciences.* vol.13 no.1, 128 pgs. Amsterdam: IOS Press, 2001.
- <P014267> **WONG Po Keung; TRIVEDY R. K. and SHARMA S. ed.** *Asian Journal of Microbiology, Biotechnology & Environmental Sciences.* vol.3 no.1-2, 100 pgs. Aligarh, India: Global Science Publications, 2001.
- <P016047> **GU Pei-li; CHU Ka Hou and CHAN Siu-ming.** "Bacterial Expression of the Shrimp Molt-inhibiting Hormone (MIH): Antibody Production, Immunocytochemical Study and Biological Assay". *Cell and Tissue Research* vol.303 pp.129-136. Springer-Verlag, 2001.
- <P017628> **LIU Yu-ping; CAO Hui; KOMATSU Katsuko and BUT Pui Hay Paul.** "DNA Profiling in Authentication of Panax Plants and Drugs: A New Approach to Old Problems". *Chinese Journal of Integrative Medicine* vol.7 pp.229-234. China, 2001.

- <P019469> **WANG Y.H. and WONG Po Keung.** "Determination of Henry's Law Constant and Effect of Temperature on Henry's Law Constant for Chloroform". *Environmental Chemistry* vol.20 pp.270-274. China, 2001.
- <P020524> **WONG Ka Hin; CHEUNG Chi Keung Peter and MASUYAMA Ritsuko.** "Effect of Mushroom Dietary Fiber on Bone Mineral Level and Bone Strength in Ovariectomized Rats". *Proceedings of 2002 International Bone Research* pp.386-388. Hong Kong, China, 2002.09.
- <P020605> **DING Saojun; CHEN S; MA Dengbo and GE Wei.** "Expression of Genes Encoding for Cellulases and Laccases in *Volvariella volvacea* during Substrate Colonization and Fruit Body Morphogenesis". *The 3rd Asia-Pacific Mycological Conference on Biodiversity and Biotechnology Mycological Society of China* Kunming, China, 2002.11.
- <P020663> **PANG Yefei and GE Wei.** "Epidermal Growth Factor (EGF) and Transforming Growth Factor- $\alpha$  (TGF- $\alpha$ ) Promote Zebrafish Oocyte Maturation in Vitro: Potential Role of the Ovarian Activin Regulatory System". *Endocrinology* vol.143 pp.47-54. United States of America: Society for Endocrinology, 2002.
- <P020742> **LAM Hon Ming.** "Molecular Study of Salt Tolerance Using Chinese Soybean Germplasm". *Workshop on Plant and Fungal Biotechnology (July 2002, Hong Kong)* The Croucher Foundation Advanced Study Institute on Biotech & Crop Improvement, 2002.07.
- <P020830> **戴岳、畢培曦 及 陳耀邦.** <蒼耳子對速發形過敏反應的抑制作用>. 《中國野生植物資源》第 21 卷第 6 期, 頁 61-64. 中國, 2002.12.
- <P020851> **CHEN S; MA Dengbo and GE Wei.** "Molecular Biology and Regulation of Fungal Secondary Metabolites". *The Xth International Congress of Mycology International Union of Microbiological Societies* Paris, France, 2002.08.
- <P021230> **DAI Y.; YE W.C.; WANG Z.T.; MATSUDA H.; KUBO M. and BUT Pui Hay Paul.** "Antipruritic and Antinociceptive Effects of *Chenopodium Album* L. in Mice". *Journal of Ethnopharmacology* vol.81 no.2002 pp.245-250. Ireland: Elsevier, 2002.07.
- <P021303> **WOO Norman Ying Shiu and DEANE Eddie Edward.** "Optimal Salinity Culture Conditions for Sea Bream Growth: Inferences from Hormonal Status and Immune Function". *PACON 2000: Pacific Congress on Marine Science and Technology* p.63. Chiba, Japan: Pacon International, Hawaii, USA, 2002.07.
- <P021333> **SUN Sai Ming Samuel.** "The Future of Agricultural Biotechnology in Asia". *Research Reporter* vol.1 no.1 pp.2-3. 2002.07.
- <P021358> **JIANG Liwen; ERICKSON Ann H. and ROGERS John C.** "Multivesicular Bodies: A Mechanism to Package Lytic and Storage Functions in One Organelle?". *Trends in Cell Biology* vol.12 no.8 pp.362-367. London, UK: Elsevier Science London, London, UK, 2002.08.
- <P021378> **LI Yu-Bing; ROGERS Sally W.; TSE Yu Chung; LO Sze Wan; SUN Sai Ming Samuel; JAUH Guang-Yuh and JIANG Liwen.** "BP-80 and Homologs are Concentrated on Post-Golgi, Probable Lytic Prevacuolar Compartments". *Plant Cell Physiology* vol.43 pp.726-742. Oxford University Press, 2002.07.

- <P022001> **LAU Kit Man; HE Zhendan; DONG Hui; FUNG Kwok Pui and BUT Pui Hay Paul.** "Anti-oxidative, Anti-inflammatory and Hepato-protective Effects of *Ligustrum Robustum*". *Journal of Ethnopharmacology* vol.83 pp.63-71. Ireland: Elsevier Science Ireland Ltd., 2002.
- <P022362> **ANG Put Jr. and WOO Chi Kit.** "The Recovery of Scleractinian Corals from Injuries in Tung Ping Chau, Hong Kong SAR, China". Paper presented in the 8th International Congress of Ecology, Seoul, Korea, 2002.08.11.
- <P022402> **BUT Pui Hay Paul.** <植物分類學對中藥現代化的貢獻>. *7th Chinese Young Scientist Conference on Systematics and Evolutionary Biology* Chinese Botanical Society. p.25. Guangzhou, China, 2002.11.12.
- <P022942> **WU Jin Ying; LU Jun Yi and WOO Norman Ying Shiu.** "A New Species and a New Chinese Record of Monogeneans from Marine Fishes in the South China Sea ( Trematoda: Monogenea)". *Acta Zootaxonomica Sinica* vol.27 pp.677-684. Beijing, China: Science Press, 2002.10.
- <P023003> **FONG Wai Lan; CHU Lee Man; YU J C and WONG Po Keung.** "Photocatalytic Oxidation of Pentachlorophenol". *First Asia Regional Conference on Ultraviolet Technologies for Water* Singapore: Wastewater & Environmental Applications, 2002.10.
- <P023120> **CHAN Sai Chung; YU J. C. and WONG Po Keung.** "Application of Nano-coated PCO-control Technology for Water-borne Chemical Pollutants and Pathogens". National Conference on Photocatalysis 2002 Beijing, China, Academy of Sciences,, 2002.
- <P023465> **LIN Ting Pong and ANG Put Jr..** "Reproductive Patterns of Scleractinian Corals from Tung Ping Chau, Hong Kong SAR, China". *Proceedings of the VIII INTECOL International Congress of Ecology* p.172. Seoul, Korea, 2002.08.
- <P023818> **LIU T. S.; WONG Po Keung; ZHUANG Y. H. and PANG S. W. ed.** *Journal of Environmental Sciences.* vol.14 no.2, 128 pgs. Amsterdam: IOS Press, 2002.
- <P023937> **戴岳、詹亞玲、畢培曦 及 陳耀邦.** <熟地黃和生地黃配伍的四物湯抗過敏作用的研究>. 《中醫藥學刊》第 20 卷 第 5 期, 頁 596-603. 中國瀋陽: 中華中醫藥學會, 2002.10.
- <P024090> **CHU Lee Man and TSUI Martin Tsz Ki.** "Glyphosate-based Herbicides: Acute Toxicity to Aquatic Organisms and the Effect of Organic Carbon on Sediment Toxicity". *VIII International Congress of Ecology: Ecology in a Changing World* Seoul, South Korea, 2002.08.
- <P024272> **畢培曦、朱利民 及 張明遠.** <利用互聯網促進藥用植物的多樣性保護和利用>. 《第三屆生物多樣性保護與利用高新科學技術國際研討會》蕭培根編, 頁 31-36. 中國北京: 北京科學技術出版社, 2002.
- <P02430> **LO K M and CHEUNG P C K.** "Evaluation of Antioxidant Activity of Some Cultivated Lesser-Known Edible Mushroom". Paper presented in the 35th Annual AIFST Convention, organized by The Australian Institute of Food Science & Technology (AIFST). 55 pgs. Sydney, Australia, 2002.07.21.
- <P024697> **KIM J.- S. and CHUNG Hau Yin.** "GC/MS Analysis of Volatile Components in a Fermenting Chaw-Tofu Model Broth". *Food Science and Biotechnology* vol.11 pp.427-420. Korean Society of Food Science & Technology, 2002.

- <P024738> **MCMAHON B. R.; TANAKA K.; DOYLE J. and CHU Ka Hou.** "A Change of Heart: Cardiovascular Development in the Shrimp *Metapenaeus ensis*". *Comparative Biochemistry and Physiology Part A* vol.133 pp.577-587. Elsevier, 2002.
- <P024846> **DING Shaojun; GE Wei and BUSWELL J A.** "Secretion, Purification and Characterization of a Recombinant *Volvariella volvacea* Endoglucanase Expression in the Yeast *Pichia pastoris*". *Enzyme and Microbial Technology* vol.31 pp.621-626. United Kingdom: Elsevier, 2002.
- <P024888> **PANG Yefei and GE Wei.** "Gonadotropin Regulation of Activin  $\alpha$ A and Activin Type II Receptor Expression in the Ovarian Follicle Cells of the Zebrafish, *Danio rerio*". *Molecular and Cellular Endocrinology* vol.188 pp.195-205. United States of America: Elsevier, 2002.
- <P024978> **WANG Yong Hwa and WONG Po Keung.** "Mathematical Relationships Between Vapor Pressure, Water Solubility, Henry's Law Constant, N-octanol/water Partition Coefficient and Gas Chromatographic Retention Index of Polychlorinated-dibenzo-dioxins". *Water Research* vol.36 pp.350-355. New York: Elsevier Sciences B.V., 2002.
- <P02501> **LIU Hong and CHU Ka Hou.** "Seasonal Changes in the Histological Structure of Androgenic Gland in the Mud Crab *Scylla Paramamosain*". *Fourth European Crustacean Conference* p.64. Lodz, Poland: University of Lodz, Poland, 2002.07.
- <P025781> **CHUNG Hau Yin; YUNG Ka Shing Ivan; MA Wing Chi Joyce and KIM J.- S.** "Analysis of Volatile Components in Frozen and Dried Scallops (*Patinopecten yessoensis*) by Gas Chromatography/Mass Spectrometry". *Food Research International*. vol.35 pp.43-53. Elsevier Science Ltd, 2002.
- <P025940> **SUN Sai Ming Samuel.** *The Future of Agricultural Biotechnology in Asia (Editorial)*. 1 pgs. Singapore: Lippincott Williams & Wilkins, 2002.07.01.
- <P025949> **PANG Yefei and GE Wei.** "Gonadotropin and Activin Enhance Maturation Competence of the Oocytes in the Zebrafish, *Danio rerio*". *Biology of Reproduction* vol.66 pp.259-265. United States of America: The Society for the Study of Reproduction, 2002.
- <P026531> **TONG J. and CHU Ka Hou.** "Genome Mapping in Aquatic Animals: Progress and Future Perspectives". *Russian Journal of Genetics* vol.38 no.6, pp.612-621. Moscow, Russia, 2002.
- <P026643> **DAI Yue; CHAN Yiu-Pong; CHU Lee-Man and BUT Pui Hay Paul.** "Antiallergic and Anti-inflammatory Properties of the Ethanolic Extract from *Gleditsia Sinensis*". *Biological & Pharmaceutical Bulletin* vol.25 no.9, pp.1179-1182. Japan, Tokyo: Pharmaceutical Society of Japan, 2002.09.
- <P026741> **CHU Lee Man.** "Natural Revegetation of Fly Ash Lagoon". *VIII International Congress of Ecology: Ecology in a Changing World* Seoul, South Korea: COEX Convention Centre, 2002.08.
- <P027005> **MA Wing Chi Joyce and CHUNG Hau Yin.** "Enhancement of Bromophenols in Aquacultured Fish". Paper presented in the PACON 2002, organized by Pacific Congress in Marine Science and Technology, Japan, 2002.07.21.
- <P027141> **CHIU Chi Ming Lawrence.** "Antiproliferative Effect of Polysaccharide Extract of the Mushroom *Polyporus Frondosus* on Human Leukemia Cells". *3rd Asia-Pacific Mycological Conference on Biodiversity and Biotechnology* ed. by Lawrence C.M. Chiu, S.C. Poon and Vincent E.C. Ooi. China: Yunnan University, 2002.11.04.

- <P027193> **WONG Chong Kim and WAN C. L.** "Copepoda in Aquatic Ecotoxicity Testing". Paper presented in the 8th International Conference on Copepoda, organised by the World Association of Copepodologists. Keelung, Taiwan, 2002.07.
- <P027200> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Regulations of Sea Bream HSP70 Via Growth Hormone and Insulin-like Growth Factors I ". *Proceedings of the 21st Conference of European Comparative Endocrinologists* p.91. Bonn, Germany: European Society of Comparative Endocrinologists, 2002.08.
- <P027608> **ANG Put Jr. and MA Wai Chun.** "Growth and Population Dynamics of the Coral *Onlasteria crispata* in Tung Ping Chau, Hong Kong SAR, China". *Proceedings of the VIII INTECOL International Congress of Ecology* p.174. COEX Seoul, Korea: INTECOL, 2002.08.11.
- <P02778> **DENG Xuelong; HUANG Xuesong; MA Shuangcheng; ZHANG Yongwen; BUT Pui Hay Paul and OOI Vincent Eng Choon.** "Inhibition of Duck Hepatitis B Virus Replication by Combination Chemotherapy of Lamivudine Ganciclovir and Foscarnet *in vivo*". *21th Annual Meeting of American Society for Virology* p.67. Lexington, Kentucky: American Society for Virology, 2002.07.20.
- <P02791> **ZHANG Mei; ZHANG Lina and CHEUNG Chi Keung Peter.** "Correlation Between Structure and Anti-Tumor Activity of Carboxymethylated  $\beta$ -(1 $\rightarrow$ 3)-D-Glucan from the Sclerotia of *Pleurotus Tuber-Regium*". *39th International Symposium on Macromolecules* 2002.07.
- <P02792> **CHEUNG Lai Ming; ZHANG Mei and CHEUNG Chi Keung Peter.** "Antioxidant and Radical Scavenging Activities of Chemically Modified Polysaccharides from Mushrooms". *39th International Symposium on Macromolecules* p.934. Beijing, China, 2002.07.
- <P027998> **CHONG Chun Wing and CHU Lee Man.** "Screening Native Species for Revegetating Newly Restored Landfills in Hong Kong". *VIII International Congress of Ecology: Ecology in a Changing World* Seoul, South Korea: COEX Convention Centre, 2002.08.
- <P028428> **LEE K. L.; HWANG J. S.; WONG Chong Kim and WONG Chun Kwan.** "Diel Vertical Migration of the Planktonic Copepod *Calanus Sinicus* in Coastal Waters off Northern Taiwan". Paper presented in the 8th International Conference on Copepoda, organised by the World Association of Copepodologists. Keelung, Taiwan, 2002.07.
- <P028622> **WOO Norman Ying Shiu and DEANE Eddie Edward.** "Hormonal and Biochemical Changes Associated with Vibriosis of Sea Bream". *Proceedings of the 21st Conference of European Comparative Endocrinologists* p.197. Bonn, Germany: European Society of Comparative Endocrinologists, 2002.08.
- <P028774> **WANG Yajun and GE Wei.** "Cloning of Zebrafish Ovarian Carbonyl Reductase-like 20 $\alpha$ -Hydroxysteroid Dehydrogenase and Characterization of Its Spatial and Temporal Expression". *General and Comparative Endocrinology* vol.127 pp.209-216. United States of America: Elsevier, 2002.
- <P028804> **WONG Yum Shing; CHOI Yin Yee and SUEN Tsang.** "Changes in the Quality of Straw Mushroom during Post-harvest Storage". *3rd Asia-Pacific Mycological Congress on Biodiversity and Biotechnology* pp.161-162. 2002.11.
- <P028819> **CHUNG Hau Yin and KIM J.- S.** "Volatile Components in Commercial Imitation Crabmeats". *Food Science and Biotechnology* vol.11 pp.421-426. Korean Society of Food Science & Technology, 2002.

- <P028832> **BUT Pui Hay Paul and MA Ping.** "A Special Form of Asexual Reproduction in *Octoblepharum Albidum*". Paper presented in the 7th Chinese Young Scientist Conference on Systematics and Evolutionary Biology, organised by Chinese Botanical Society. p.106. China, Guangzhou, 2002.11.
- <P02885> **CHEANG C.C.; CHU Ka Hou and ANG Put Jr.** "Genetic and Morphological Variation Among Populations of *Sargassum Hemiphyllum* (Phaeophyta)". *Algae 2002 Abstracts* p.63. Japan: The Asian Pacific Phycological Association & The Japanese Society of Phycology, 2002.07.19.
- <P029141> **OOI Vincent Eng Choon.** "Evaluation of Antioxidative Activity of Extracts from a Brown Seaweed, *Sargassum siliquastrum*". *Journal of Agricultural and Food Chemistry* vol.50 pp.3862-3866. American Chemical Society, 2002.
- <P029143> **JIANG Ren Wang; MA Shuang-Cheng; HE Zhen Dan; HUANG Xuesong; BUT Pui Hay Paul; WANG Hua; CHAN Siu Pang; OOI Vincent Eng Choon; XU Hongxi and MAK Thomas Chung Wai.** "Molecular Structures and Antiviral Activities of Naturally Occurring and Modified Cassane Furanoditerpenoids and Friedelane Triterpenoids from *Caesalpinia Minax*". *Bioorganic and Medicinal Chemistry* vol.10 pp.2161-2170. Elsevier Science Ltd, 2002.
- <P029241> **JIANG Liwen; LI Y B; ROGERS S W; TSE Y C; LO S W; SUN S M and JAUH G Y.** "BP-80 and Homologs are Concentrated on Post-Golgi, Lytic Prevacuolar Compartments". *Plant Biology 2002* United States of America: American society of Plant Biologists, 2002.08.
- <P029282> **WOO Norman Ying Shiu and NG Tzi Bun.** "Stimulatory Effect of Growth Hormone, Prolactin and Lectin on Sea Bream Macrophages". *Abstracts of the Fourth Intercongress Symposium of the Asia and Oceania Society for Comparative Endocrinology* p.40. Guangzhou, China: Asia and Oceania Society for Comparative Endocrinology, 2002.10.
- <P029671> **WONG Kwok Shing and WOO Norman Ying Shiu.** "Effect of Renin Angiotensin System on Blood Pressure Control in Silver Sea Bream in Different Salinities". Paper presented in the 21st Conference of European Comparative Endocrinologists, organised by the European Society for Comparative Endocrinology. p.196. Bonn, Germany, 2002.08.
- <P029820> **DAI Y; BUT Pui Hay Paul; CHAN Y P; MATSUDA H and KUBO M.** "Antipruritic and Antiinflammatory Effects of Aqueous Extract from Si-Wu-tang". *Biological & Pharmaceutical Bulletin* vol. 25 no.9 pp.1175-1178. Japan: Pharmaceutical Society of Japan, 2002.09.
- <P029889> **GU P L; TOBE S S; CHOW B K C; HE J G; CHAN S M and CHU Ka Hou.** "Characterization of an Additional Molt Inhibiting Hormone-like Neuropeptide from the Shrimp *Metapenaeus Ensis*". *Peptides* vol.23 pp.1875-1883. Elsevier Science, 2002.11.
- <P030166> **TSOI Kwok Ho; WANG Zhiyong and CHU Ka Hou.** "Genetic Divergence between Two Morphologically Similar Varieties of the Kuruma Shrimp *Penaeus japonicus*". Paper presented in The Crustacean Society Summer Meeting, p.69. Williamsburg, Virginia, USA, 2003.06.01.
- <P030197> **WANG Yong Hwa and WONG Po Keung.** "Correlation Relationships between Physico-Chemical Properties and Gas Chromatographic Retention Index of Polychlorinated-Dibenzofurans". *Chemosphere* vol.50 pp.499-505. New York: Elsevier Sciences B.V., 2003.
- <P030418> **LAM Hon Ming; WONG Piu; CHAN Hiu Ki; YAM Kwan Mei; CHEN Li; CHOW Cheung Ming and CORUZZI M. Gloria.** "Overexpression of the *ASN1* Gene Enhances Nitrogen Status in Seeds of *Arabidopsis*". *Plant Physiology* vol.132 no.2, pp.926-935. Am. Soc. Plant Biol., 2003.06.

- <P030488> **CHEN S; MA Dengbo; GE Wei and BUSWELL J A.** " Induction of Laccase Activity in the Edible Straw Mushroom *Volvariella volvacea*". *FEMS Microbiology Letters* vol.218 pp.143-148. United Kingdom: Elsevier, 2003.
- <P030919> **CHENG Fu Yip Gheorghe and GE Wei.** Cloning and Characterization of Follistatin in the Goldfish, *Carassius auratus* The 7th International Symposium on Reproductive Physiology of Fish National Institute of Aquaculture Mie, Japan, 2003.
- <P030940> **WONG Po Keung and CHU Lee Man.** "Municipal Wastewater Treatment". *Microbial Biotechnology: Principles and Applications* ed. by Y.K. Lee. 1st ed. pp.551-590. Singapore: World Scientific Publishing Co. Pte. Ltd., 2003.
- <P031024> **YUEN C W and GE Wei.** "Follistatin Suppresses FSH $\alpha$  but Increases LH $\alpha$  Expression in the Goldfish -Evidence for an Activin-mediated Autocrine/paracrine System in Fish Pituitary". *General and Comparative Endocrinology* In Press. United States of America: Elsevier, 2003.
- <P031064> **GE Wei.** *Activin Regulation of Gonadotropin Transcription in the Goldfish, Carassius auratus* The 7th International Symposium on Reproductive Physiology of Fish National Institute of Aquaculture Mie, Japan, 2003.05.
- <P031228> **GE Wei; KO Nga Ling; PANG Yefei; CHUNG Me Fong; LIN S W; YUEN Chi Wai; LAU Man Tat; LIU Ling; SOHN Y C; KOBAYASHI M and AIDA K.** "Activin Stimulates Goldfish FSH Biosynthesis by Enhancing FSH $\alpha$  Promoter Activity". *Fish Physiology and Biochemistry* In Press. Netherlands: Kluwer, 2003.
- <P031409> **ZHANG Yongwen; BUT Pui Hay Paul; OOI Vincent Eng Choon; XU Hongxi; WAN Chi Cheong David; LEE H. S. S. and LEE Song-Fong.** "Chemical Properties, Mode of Action, and In Viv Anti-Herpes Activities of a Lignin-Carbohydrate Complex from *Prunella Vulgaris*". Paper presented in the 103rd General Meeting, organized by American Society for Microbiology, 2 pgs. Washington, D.C., USA, 2003.05.
- <P031501> **JIANG J Q; WANG D S; SENTHILKUMARAN B; KOBAYASHI T; KOBAYASHI H K; A Yamaguchi A; GE Wei; YOUNG G and NAGAHAMA Y.** "Isolation, Characterization and Expression of 11 $\alpha$ -Hydroxysteroid Dehydrogenase Type 2 cDNAs from the Testes of Japanese Eel (*Anguilla japonica*) and Nile Tilapia (*Oreochromis niloticus*)". *Journal of Molecular Endocrinology* vol.31 pp.305-315. United Kingdom: Society for Endocrinology, 2003.
- <P031649> **OOI Vincent Eng Choon.** "Isolation and Characterization of a Sulfated Polysaccharide from the Brown Alga *Sargassum patens* and Determination of Its Anti-herpes Activity". *Biochemistry and Cell Biology* vol.81 pp.25-33. Ottawa, Canada: NRC Canada, 2003.
- <P031820> **SOHN E S; KIM E S; ZHAO M; KIM S J; KIM H R; KIM Y W; LEE Y J; HILLMER S; SOHN U; JIANG Liwen and HWANG I.** "Rha1, An *Arabidopsis* Rab5 Homolog, Plays a Critical Role in the Vacuolar Trafficking of Soluble Cargo Proteins". *The Plant Cell* vol.15 pp.1057-1070. United States of America: American society of Plant Biologists, 2003.05.
- <P031852> **CHAN Kwan Ling and CHU Ka Hou.** "DNA Strand Breakage in the Amphipod *Hyale crassicornis* as a Biomarker of Coastal Pollution". Paper presented in The Crustacean Society Summer Meeting, p.25. Williamsburg, Virginia, USA, 2003.06.
- <P031878> **CHIU Chi Ming Lawrence; KONG Ka Lai Carrie and OOI Vincent Eng Choon.** "Antiproliferative Effect of Chlorophyllin Derived from a Traditional Chinese Medicine Bombyx Mori Excreta on Human Breast Cancer MCF-7 Cells". *International Journal of Oncology* vol.23 pp.729-735. Athens, Greece, 2003.04.11.

- <P032027> **FULLADOSA E.; LI J.; WOO Norman Ying Shiu; MURAT J.C. and VILLAESCUSA I.** "Stress Proteins Overexpression in *Sparus sarba* Fish Blood Cells after Exposure to Metal Ions". *SETAC Europe 13th Annual Meeting* p.155. Hamburg, Germany: SETAC Europe, 2003.04.27.
- <P032079> **LAU Man Tat and GE Wei.** "Cloning of Smad Proteins in the Goldfish and Their Involvement in Activin Regulation of FSH $\alpha$  Transcription" The 7th International Symposium on Reproductive Physiology of Fish National Institute of Aquaculture Mie, Japan, 2003.
- <P032166> **WONG Ka Hing; CHEUNG Chi Keung Peter and WU Jin-zhong.** "Biochemical and Microstructural Characteristics of Insoluble and Soluble Dietary Fiber Prepared from Mushroom Sclerotia of *Pleurotus tuber-regium*, *Polyporus rhinocerus*, and *Wolfiporia cocos*". *Journal of Agricultural and Food Chemistry* vol.51 pp.7179-7202. American Chemical Society, 2003.
- <P032346> **ZHANG Lina; CHEN Li; JIN Yong; LIN Yulu; CHEUNG Chi Keung Peter and CHEN Li-guo.** "Comparison of Polysaccharides Isolated from the Mycelia of a Cultivated Strain of *Poria cocos* Grown in different Liquid Culture Media". *Chinese Journal of Polymer Science* vol.21 pp.21-28. 2003.
- <P032594> **WANG Yajun and GE Wei.** "Cloning of Epidermal Growth Factor (EGF) and EGF Receptor (EGFR) from the Zebrafish Ovary and the Potential Roles of EGF in the Regulation of Ovarian Activin/follistatin System". The 7th International Symposium on Reproductive Physiology of Fish National Institute of Aquaculture Mie, Japan, 2003.05.
- <P032679> **WU Jin-zhong; CHEUNG Chi Keung Peter; WONG Ka Hing and HUANG Nian-lai.** "Studies on the Submerged Fermentation of *Pleurotus tuber-regium* (Fr.) Singer: 1. Physical and Chemical Factors Affecting the Rate of Mycelial Growth and Bioconversion Efficiency". *Food Chemistry* vol.81 pp.389-393. 2003.
- <P032769> **LAU L. K.; TSANG Y. Y. and CHIU Siu Wai.** "Use of Spent Mushroom Compost to Bioremediate PAH-contaminated Samples". *Chemosphere* vol.52 pp.1539-1546. Elsevier Ltd., 2003.
- <P032788> **TANAKA Kosuke; MCMAHON Brian R. and CHU Ka Hou.** "Serotonin-like Immunoreactive Neurons in the Ventral Ganglia of Larval and Juvenile Shrimp, *Metapenaeus ensis*". *13th Annual Meeting of the Japanese Society for Comparative Physiology and Biochemistry* p.229. Tsukuba, Japan, 2003.
- <P032958> **TANG Ce Mun and GE Wei.** "Transcriptional Regulation of Laccase Genes in *Pleurotus sajor-caju*". The 1st FEMS Congress of European Microbiologists Federation of European Microbiological Societies Ljubljana, Slovenia, 2003.06.
- <P033246> **WONG Fuk Ling; TSAI Sau Na; PHANG Tsui Hung; CHEUNG Ming Yan; SHAO Guihua; LIAO Hong and LAM Hon Ming.** "Ion Transportation and Ion Transporter Genes in Soybeans". *7th International Congress of Plant Molecular Biology* Spain, Barcelona: ISPMB, 2003.06.
- <P033375> **WONG Wing Lei and KWAN Hoi Shan.** "Isolation and Protein Interaction Study of Differentially Expressed *Le.nik*, Encoding Two-Component Histidine kinase, of *Lentinula edodes*". *103rd General Meeting of American Society for Microbiology* Washington DC, United States of America: American Society for Microbiology, 2003.05.18.
- <P033588> **張俐娜、金勇、陳莉、張攻及張志強.** <一種水溶性雜多糖及其製備方法和用途>. 《中華人民共和國國家知識產權局》 2003.06.25.

- <P033625> **LAU N. W.; LAW M. W.; LO L. K.; WAI M. L. and CHIU Siu Wai.** "Removal of Biocide Pentachlorophenol in Water System by the Spent Mushroom Compost of *Pleurotus Pulmonarius*". *Chemosphere* vol.52 pp.1531-1537. Elsevier Ltd., 2003.
- <P033833> **LIN Yulu; ZHANG Lina; JIN Yong; CHEN Li; ZHANG Mei; HAN Hongwei; CHEUNG Chi Keung Peter and CHEN Ligu.** "Isolation, Chemical Components and Molecular Weights of Polysaccharides from *Poria cocos* Mycelia with Cultivated Strain" (A Chinese publication with English abstract). *Acta Polymerica Sinica* vol.1 pp.80-86. 2003.02.
- <P033867> **TONG Jingou、朱嘉濠及關海山.** "A Mini-review of Studies on Genetic Basis of Sex Determination in Fish". *Journal of Fisheries of China* vol.27 no.2, pp.169-176. Shanghai, China: China Society of Fisheries, 2003.04.
- <P033881> **CHU Ka Hou; LI Chi Pang; TAM Yan Kit and LAVERY Shane.** "Applications of Mitochondrial Control Region in Population Genetic Studies of the Shrimp *Penaeus*". *Molecular Ecology Notes* vol.3 no.1, pp.120-122. United Kingdom: Blackwell, 2003.03.
- <P034257> **HO Ka Chai; CHU Ka Hou; CHU K. Y. and DALL William.** "Genetic Divergence between the Shrimp *Metapenaeus bennettiae*, *M. dalli* and *M. moyebi* Based on Mitochondrial DNA Analysis". *Symposium on Phylogeography of the West Pacific* p.21. Taipei, Institute of Zoology, Academia Sinica: National Science Council, 2003.02.24.
- <P034346> **ZENG Naiyan; LAU Tung; CHOW Shuk Man; ZHAO Kai Jun; ZHANG Qi; LING Zhong Zhuan; SUN Sai Ming Samuel and LAM Hon Ming.** "Comparative Analysis of Disease Resistance Related Genes in Rice". *7th International Congress of Plant Molecular Biology* Barcelona Spain: ISPMB, 2003.06.
- <P034351> **DEANE Eddie Edward; KELLY S. P.; COLLINS P M and WOO Norman Ying Shiu.** "Larval Development of Silver Sea Bream (*Sparus sarba*): Ontogeny of RNA-DNA Ratio, GH, IGF-I, and Na<sup>+</sup>-K<sup>+</sup>-ATPase". *Marine Biotechnology* vol.5 pp.79-91. New York, United States of America: Springer - Verlag, 2003.02.01.
- <P034377> **WANG Yajun and GE Wei.** "Cloning of Zebrafish Ovarian Cytochrome P450c17 (17 $\alpha$ -Hydroxylase/17, 20-lyase) and Characterization of Its Expression in Gonadal and Extra-gonadal Tissues". *General and Comparative Endocrinology* In Press. United States of America: Elsevier, 2003.
- <P034750> **JIN Yong; ZHANG Lina; ZHANG Mei; CHEN Li; CHEUNG Chi Keung Peter; OOI Vincent Eng Choon and LIN Yulu.** "Antitumor Activities of Heteropolysaccharides of *Poria Cocos* Mycelia from Different Strains and Culture Media". *Carbohydrate Research* vol.338 pp.1517-1521. Elsevier Science Ltd, 2003.
- <P034761> **WONG Fuk Ling; LIAO Hong; PHANG Tsui Hung; CHEUNG Ming Yan; SHAO Guihua; YAN Xiao-long and LAM Hon Ming.** "*GmPAP3*, A Novel Acid Phosphatase-like Gene in Soybean Induced by NaCl Stress But Not Phosphorus Deficiency". *7th International Congress of Plant Molecular Biology* Spain, Barcelona: ISPMB, 2003.06.
- <P034897> **HU Chun; YU Jimmy C.; HAO P. Z. and WONG Po Keung.** "Photocatalytic Degradation of Triazine-containing Azo Dyes in Aqueous TiO<sub>2</sub> Suspensions". *Applied Catalysis B: Environmental* vol.42 pp.47-55. New York: Elsevier Science B. V., 2003.04.
- <P034898> **ZHANG Mei; ZHANG Lina; WANG Yifeng and CHEUNG Chi Keung Peter.** "Chain Conformation of Sulfated Derivatives of  $\beta$ -glucan from *Sclerotia* of *Pleurotus tuber-regium*". *Carbohydrate Research* vol.338 pp.2863-2870. Elsevier, 2003.

- <P034927> **JIN Yong; ZHANG Lina; CHEN Li; CHEN Yan; CHEUNG Chi Keung Peter and CHEN Ligu.** "Effect of Culture Media on the Chemical and Physical Characteristics of Polysaccharides Isolated from *Poria Cocos* Mycelia". *Carbohydrate Research* vol.338 pp.1507-1515. Elsevier Science Ltd., 2003.
- <P035275> **HU Chun; TANG Yuchao; YU Jimmy C. and WONG Po Keung.** "Photocatalytic Degradation of Cationic Blue X-GRL Adsorbed on TiO<sub>2</sub>/SiO<sub>2</sub> Photocatalyst". *Applied Catalysis B: Environmental* vol.40 pp.131-140. New York: Elsevier Sciences B.V., 2003.01.
- <P035606> **WANG Yajun; WONG O L and GE Wei.** "Cloning, Regulation of mRNA Expression and Function of a New Isoform of Pituitary Adenylate Cyclase-activating Polypeptide (PACAP) in the Zebrafish Ovary". *Endocrinology* vol.144 pp.4799-4810. United States of America: Society for Endocrinology, 2003.
- <P035685> **YU Dahui and CHU Ka Hou.** "ITS-1 Sequence Analysis of Pearl Oysters and its Application in Species Identification". *Symposium on Phylogeography of the West Pacific* p.23. Taipei, Institute of Zoology, Academia Sinica: National Science Council, 2003.02.
- <P035814> **WONG Po Keung and CHU Lee Man.** "Treatment of Solid Hazardous Wastes". *Microbial Biotechnology: Principles and Applications* ed. by Y.K. Lee. 1st ed. pp.625-648. Singapore: World Scientific Publishing Co. Pte. Ltd., 2003.
- <P035932> **WANG L.; CHUA H.; ZHOU Q.; WONG Po Keung; SIN N. S.; LO L. W. and YU H. P.** "Role of Cell Surface Components on Cu<sup>2+</sup> Adsorption by *Pseudomonas Putida* 5-x Isolated from Electroplating Effluent". *Water Research* vol.37 pp.561-568. New York: Pergamon, 2003.03.
- <P035951> **TSUI Martin Tsz Ki and CHU Lee Man.** "Aquatic Toxicity of Glyphosate-based Formulations: Comparison between Different Organisms and the Effects of Environmental Factors". *Chemosphere* vol.52 pp.1189-1197. Netherland, 2003.
- <P036062> **張俐娜、陳莉、金勇、林雨露、張玫及張志強.** <一種具有抗腫瘤活性的水溶性雜多糖及其製備方法和用途>. 中華人民共和國國家知識產權局, 2003.06.25.
- <P036424> **BUT Pui Hay Paul; ZHANG Y.W.; DENG X.L.; MA S.C.; JIANG R.W.; OOI V.E.C.; XU H.X. and LEE S.H.S.** "Chinese Medicines Against Viral Infections". *Joint International Conference of South African Association of Botanists and International Society of Ethnopharmacology* p.33. South Africa, Pretoria, 2003.01.
- <P036463> **SO Lai Man Rachel; CHU Lee Man and WONG Po Keung.** "Microbial Enhancement of Cu<sup>2+</sup> Removal Capacity of *Eichhornia crassipes* <sup>(Mart.)</sup>". *Chemosphere* vol.52 pp.1499-1503. Netherland, 2003.
- <P036693> **ZHANG Mei; ZHANG Lina and CHEUNG Chi Keung Peter.** "Molecular Mass and Chain Conformation of Carboxymethylated Derivatives of Beta-Glucan from Sclerotia of *Pleurotus tuber-regium*". *Biopolymers* vol.68 pp.150-159. 2003.
- <P036727> **WANG Yajun and GE Wei.** "Involvement of Cyclic Adenosine 3',5'-Monophosphate in the Differential Regulation of Activin  $\alpha$ A and  $\alpha$ B Expression by Gonadotropin in the Zebrafish Ovarian Follicle Cells". *Endocrinology* vol.144 pp.491-499. United States of America: Society for Endocrinology, 2003.
- <P036866> **JIANG Liwen and ROGERS J C.** "Sorting of Lytic Enzymes in the Plant Golgi Apparatus". *Annual Plant Review* vol.9 pp.114-140. United Kingdom: Blackwell publishing Ltd., CRC Press, 2003.04.

- <P037352> **CHEANG Chi Chiu; ANG Put Jr. and CHU Ka Hou.** "Morphological and Molecular Variations among Populations of the Brown Alga *Sargassum hemiphyllum* in Northwestern Pacific". *Symposium on Phylogeography of the West Pacific* p.20. Taipei, Institute of Zoology, Academia Sinica: National Science Council, 2003.02.24.
- <P037503> **GONG JUN and CHIU Siu Wai.** "*In vitro* and *In vivo* Phytotoxicities and Genotoxicities of DDE and Cadmium on *Triticum aestivum*". *SETAC Europe 13th Annual Meeting* Society of Environmental Toxicology and Chemistry. p.131. Hamburg, Germany: SETAC Europe, 2003.04.29.
- <P037533> **CHAN Siu-ming; GU Pei-li; CHU Ka Hou and TOBE Stephen S.** "Crustacean Neuropeptide Genes of the CHH/MIH/GIH Family: Implications from Molecular Studies". *General and Comparative Endocrinology* vol.134 pp.214-219. Elsevier, 2003.
- <P037906> **FUNG PUI KWAN and CHUNG Hau Yin.** "Volatile Components in Plain Sufu Collected by Supercritical Fluid Extraction". *Institute of Food Technologists Annual Meeting* United States of America: Institute of Food Technologists, 2003.
- <P037907> **YUNG C M and GE Wei.** "Hormonal Regulation of the Zebrafish (*Danio rerio*) Ovarian Aromatase Gene" The 7th International Symposium on Reproductive Physiology of Fish National Institute of Aquaculture Mie, Japan, 2003.05.
- <P037908> **WANG Yajun and GE Wei.** "Spatial Expression Patterns of Activin and Its Signaling System in the Zebrafish Ovarian Follicle - Evidence for Paracrine Action of Activin on the Oocytes". *Biology of Reproduction* In Press. United States of America: The Society for the Study of Reproduction, 2003.
- <P038128> **WONG Ka Hing and CHEUNG Chi Keung Peter.** "Effect of Fiber-rich Brown Seaweeds on Protein Bioavailability of Casein in Growing Rats". *International Journal of Food Sciences and Nutrition* vol.54 pp.269-279. Carfax Publishing, Taylor and Francis Ltd., 2003.
- <P038142> **DEANE Eddie Edward and WOO Norman Ying Shiu.** "Ontogeny of Thyroid Hormones, Cortisol, hsp70 and hsp90 during Silver Sea Bream Larval Development". *Life Sciences* vol.72 pp.805-818. United Kingdom: Elsevier, 2003.
- <P038189> **LAU Tsz Chun; ANG Put Jr. and WONG Po Keung.** "Development of Seaweed Biomass as a Biosorbent for Metal Ions". *Water Science and Technology* vol.47 no.10, pp.49-54. United Kingdom, 2003.06.
- <P038276> **WANG Yajun and GE Wei.** "Gonadotropin Regulation of Follistatin Expression in the Cultured Ovarian Follicle Cells of Zebrafish, *Danio rerio*". *General and Comparative Endocrinology* In Press. United States of America: Elsevier, 2003.
- <P038318> **TSOI Kwok Ho; CHAN Tin-yam and CHU Ka Hou.** "Genetic Differentiation of the Kuruma Shrimp *Penaeus japonicus* in the Indo-West Pacific". *Symposium on Phylogeography of the West Pacific* p.22. Taipei, Institute of Zoology, Academia Sinica: National Science Council, Taiwan, 2003.02.24.
- <P038608> **WAN Tai-fung; ZENG Nai-yan; SHAN Xuechan; SHAO Guihua and LAM Hon Ming.** "Analysis of Asparagine Synthetase Gene Expression in Soybean Varieties of Different Seed Protein Contents". *7th International Congress of Plant Molecular Biology* Spain, Barcelona: ISPMB, 2003.06.

- <P038717> **BUT Pui Hay Paul; CHAN Yiu Man; POON Wing Sem Alice; SHAW Pang Chui; CHU Lee Man and HU Shiu-ying.** "Plant Biodiversity and Medicinal Resources in Hong Kong". Paper presented in the Smithsonian Botanical Symposium, organized by Smithsonian Institution, 1 pgs. Washington, D.C., USA, 2003.03.
- <P039190> **CHEN SHICHENG; GE Wei and BUSWELL John Anthony.** "Cloning, Characterisation and Transcriptional Regulation of Two Laccase Genes in the Edible Straw Mushroom, *Volvariella volvacea*". *103rd General Meeting of American Society for Microbiology* p.661. Washington D.C., USA: American Society for Microbiology, 2003.03.18.
- <P039397> **WU S. S. Rudolf; ZHOU Bing Sheng; RANDALL David; WOO Norman Ying Shiu and LAM K. S. Paul.** "Aquatic Hypoxia Is an Endocrine Disruptor and Impairs Fish Reproduction". *Environmental Science and Technology* vol.37 no.6, pp.1137-1141. Washington DC, United States of America: American Chemical Society, 2003.02.11.
- <P039438> **ZHANG Mei; ZHANG Lina; CHEUNG Chi Keung Peter and DONG Jing.** "Fractionation and Characterization of a Polysaccharide from the Sclerotia of *Pleurotus Tuberculosis* by Preparative Size-exclusion Chromatography". *Journal of Biochemical and Biophysical Methods* vol.56 pp.281-289. Elsevier Sciences B.V., 2003.
- <P039517> **WONG Po Keung and CHU Lee Man.** "Industrial Wastewater Treatment". *Microbial Biotechnology: Principles and Applications* ed. by Y.K. Lee. 1st ed. pp.591-624. Singapore: World Scientific Publishing Company, 2003.
- <P039548> **CHAN Yu Keung; WONG Chong Kim; HSIEH Dph; NG Sp; LAU T.k. and WONG Po Keung.** "Application of a Toxicity Identification Evaluation for a Sample of Effluent Discharged from a Dyeing Factory in Hong Kong". *Environmental Toxicology (International Journal)* vol.18 pp.312-316. New York: Wiley Periodicals, Inc., 2003.
- <P039818> **CHEUNG Lai Ming; CHEUNG Chi Keung Peter and OOI Vincent Eng Choon.** "Antioxidant Activity and Total Phenolics of Edible Mushroom Extracts". *Food Chemistry* vol.81 pp.249-255. 2003.
- <P880522> **WONG Po Keung and CHANG Lydia.** "The Effects of 2,4-D Herbicide and Organophosphorus Insecticides on Growth, Photosynthesis, and Chlorophyll a Synthesis of *Chlamydomonas reinhardtii* (mt +)". *Environmental Pollution* vol.55 pp.179-189. England: Elsevier Science Publishers Ltd., 1988.
- <P885914> **WONG Po Keung.** "Mutagenicity of Heavy Metals". *Bulletin of Environmental Contamination and Toxicology* vol.40 pp.497-603. New York: Springer-Verlag, 1988.
- <P892303> **WONG Po Keung; WAI Chun Chung and LIONG E.** "Comparative Study on Mutagenicities of Organophosphorus Insecticides in *Salmonella*". *Chemosphere* vol.18 pp.2413-2422. England: Maxwell Pergamon Macmillan plc, 1989.
- <P901147> **WONG Po Keung; Au, K.S.; Fong, W.K. and CHAN Kwong Yu.** "Bioconversion of Cellulosic Wastes: Isolation and Characterization of Cellulolytic Bacteria from Mushroom Spent Compost". *Microbios* vol.61 pp.153-167. 1990.
- <P920017> **WONG Po Keung; W.W. Cheng; C.H. Wai and C.N. Wong.** "Comparative Studies of Water Quality in Two Brackish Ponds for Shrimp Cultivation in a Salty Marsh". *Environmental Pollution* vol.77 pp.87-92. England, 1992.

- <P920317> **CHANG Shu Ting; M.H. Wong; WONG Po Keung and WONG Yum Shing. ed.** *Proceedings of Symposium on Microbial and Engineering Technology in Wastes Treatment*. 258 pgs. Hong Kong: The Commercial Press, 1992.
- <P930502> **WONG Po Keung; LAM Kin Che and C.M. SO.** "Removal and Recovery of Cu(II) from Industrial Effluent by Immobilized Cells of *Pseudomonas putida* II-11". *Applied Microbiology Biotechnology* vol.39 pp.127-131. Germany, 1993.
- <P930503> **WONG Po Keung and C.M. SO.** "Copper Accumulation by a Strain of *Pseudomonas putida*". *Microbios* vol.73 pp.113-121. Great Britain, 1993.
- <P960905> **Liu, Tungsheng; WONG Po Keung; Zhuang Yahui and Pang Shuwei. ed.** *Journal of Environmental Sciences* vol.7, 128 pgs. Amsterdam: IOS Press, 1995.
- <P966242> **LIU T. S.; WONG Po Keung; ZHUANG Y. H. and PANG S. W. ed.** *Journal of Environmental Sciences*. vol.8 no.1, 128 pgs. Amsterdam: IOS Press, 1996.
- <P969812> **JIANG J Q; KOBAYASHI T; GE Wei; KOBAYASHI H; TANAKA M; OKAMOTO M; NONAKA Y and NAGAHAMA Y.** "Fish Testicular 11-beta-Hydroxylase: cDNA Cloning and mRNA Expression during Spermatogenesis". *FEBS Letters* vol.197 pp.250-252. Germany: Federation of European Biochemical Societies, 1996.
- <P976023> **LIU T. S.; WONG Po Keung; ZHUANG Y. H. and PANG S. W. ed.** *Journal of Environmental Sciences*. vol.9 128 pgs. Amsterdam: IOS Press, 1997.
- <P977507> **SZE Kwok Fung; LU Y.j. and WONG Po Keung.** "Removal and Recovery of Copper Ion (Cu<sup>2+</sup>) from Electroplating Effluent by A Bioreactor Containing Magnetite-immobilized Cells of *Pseudomonas putida* 5X". *Global Environmental Biotechnology* ed. by D.L. Wise. 1st ed. pp.131-149. New York: Elsevier, 1997.
- <P981186> **LIU T. S.; WONG Po Keung; ZHUANG Y. H. and PANG S. W. ed.** *Journal of Environmental Sciences*. vol.10 no.3, 128 pgs. Amsterdam: IOS Press, 1998.
- <P984342> **CHUNG Hau Yin.** "Volatile Components of Edible Tissues of the Crab *Charybdis feriatus*". *1998 IFT Annual Meeting Technical Program/ Book of Abstracts* p.72A-28. Atlanta, USA: Institute of Food Technologists, 1998.
- <P984750> **CHUNG Hau Yin and R. Jinno.** "Volatile Components in Fermented Soybean Curds". *1998 IFT Annual Meeting Technical Program/Book of Abstracts* p.72A-24. George, USA: Institute of Food Technologists, 1998.
- <P985338> **GE Wei.** "Activin Regulation of Reproduction and Development in Fish. In: Sun Fangzheng *et al.* (eds) ". *Life Sciences and Biotechnology* pp.57-59. Beijing, China: Science and Technology Press, 1998.
- <P991067> **CHIU Joanna; DESALLE Rob; LAM Hon Ming; LEE Meisel and CORUZZI Gloria M.** "Molecular Evolution of Glutamate Receptors: A Primitive Signaling Mechanism that Existed Before Plants and Animals Diverged". *Molecular Biology and Evolution* vol.16 no.6, pp.826-838. 1999.
- <P991665> **YUNG Ka Shing Ivan and CHUNG Hau Yin.** "Volatile Components in Scallops". *1999 IFT Annual Meeting Technical Program/Book of Abstracts* p.50A-56. Chicago, IL, USA: Institute of Food Technologists, 1999.

- <P991666> **CHUNG Hau Yin.** "Volatile Flavor Components in Red Fermented Soybean Curds". *1999 IFT Annual Meeting Technical Program Book of Abstracts* p.50A-58. Chicago, IL, USA: Institute of Food Technologists, 1999.
- <P991672> **CHUNG Hau Yin.** "Volatile Components in Crabmeats of *Charybdis feriatus*". *Journal of Agricultural and Food Chemistry* vol.47 pp.2280-2287. 1999.
- <P991673> **CHUNG Hau Yin.** "Volatile Components in Fermented Soybean (*Glycine Max*) Curds". *Journal of Agricultural and Food Chemistry* vol.47 pp.2690-2696. 1999.
- <P992964> **GE Wei and YAM Kwan Mei.** "Inverse Effects of Goldfish Activin B on the Expression of Goldfish GTH-I□ and GTH-II□ Subunits". Paper presented in the Comp Biochem Physiol, organized by International Union of the Biological Sciences, 124A:S20 pgs. Calgary, Canada, 1999.
- <P993406> **YAM K M; YOSHIURA Y; KOBAYASHI M and GE Wei.** "Recombinant Goldfish Activin B Stimulates Gonadotropin-I (GTH-I) but Inhibits Gonadotropin-II (GTH-II) Expression in the Goldfish". *General and Comparative Endocrinology* vol.116 pp.81-89. United States of America: Elsevier, 1999.
- <P993601> **YAM K M; YU K L and GE Wei.** "Molecular Cloning and Characterization of Goldfish Activin □A Subunit *cDNA*". *Molecular and Cellular Endocrinology* vol.154 pp.45-54. United States of America: Elsevier, 1999.
- <P995052> **WONG Po Keung; TRIVEDY R. K. and SHARMA S. ed.** *Asian Journal of Microbiology, Biotechnology & Environmental Sciences.* vol.1 no.1-2, 129 pgs. Aligarh, India: Global Science Publications, 1999.
- <P995553> **LIU T. S.; WONG Po Keung; ZHUANG Y. H. and PANG S. W. ed.** *Journal of Environmental Sciences.* vol.11 128 pgs. Amsterdam: IOS Press, 1999.
- <P996519> **BUT Pui Hay Paul and MA Shuangcheng.** "Chinese-Herb Nephropathy". *Lancet* vol.354 pp.1371-1372. United Kingdom: The Lancet Publishing Group, 1999.
- <P998420> **PANG Yefei and GE Wei.** "Activin Stimulation of Zebrafish Oocyte Maturation in Vitro and Its Potential Role in Mediating Gonadotropin-induced Oocyte Maturation". *Biology of Reproduction* vol.61 pp.987-992. United States of America: The Society for the Study of Reproduction, 1999.

See Also <P018326>, <P021829>, <P022523>, <P022994>, <P027545>, <P027863>, <P033256>, <P034595>, <P036085>, <P036407>, <P038537>, <P039644>

- <P020526> **CHAN Tak Wah Dominic; FUNG Y. M. Eva and LI Y. C. Leo.** "A Study of Fast and Metastable Dissociations of Adenine-Thymine Binary-Base Oligonucleotides by Using Positive-Ion MALDI-TOF Mass Spectrometry". *J. Am. Soc. Mass Spectrom.* vol.13 pp.1052-1064. United States of America: American Society for Mass Spectrometry, 2002.
- <P020709> **CHEN Y J; FENN P T; LAU Kai Chung; NG C Y; LAW Chi Kin and LI Wai Kee.** "Study of the Dissociation of  $\text{CH}_3\text{SCH}_3^+$  by Collisional Activation: Evidence of Nonstatistical Behavior". *Journal of Physical Chemistry* 2002 vol.106 pp.9729-9736. Washington, DC, United States of America, 2002.10.24.
- <P020849> **TSANG Chi Wing; YANG Qing Chuan; MAK Thomas Chung Wai and XIE Zuowei.** "Synthesis and Structure of Solvated Protons Incorporating Weakly Coordinating Anions. Precursors of Superacids". *Chinese Journal of Chemistry* vol.20 pp.1241-1248. China: Chinese Chemical Society, 2002.11.
- <P021142> **WU Ling; ZHANG Li Zhi and YU Jimmy C..** "Enhanced Photocatalysis Activity of Nanocrystalline  $\text{TiO}_2$  Prepared by the Sol-Gel Method from a Titanium-Urea Inclusion Precursor". Paper presented in the 2002 National Conference on Photocatalysis, Beijing, 2002.10.
- <P021398> **WU Chi; XIE Zuowei; ZHANG Guangzhao; ZI Guofu; TU Yingfeng; YANG Yali; CAI Ping and NIE Ting.** "Self-Assembly Assisted Polymerization (SAAP): Approaching Long Multi-Block Copolymers with an Ordered Chain Sequence and Controllable Block Length". *Chemical Communications* pp.2898-2899. United Kingdom: Royal Society of Chemistry, 2002.11.
- <P021444> **WANG Yaorong; WANG Haiping; LI Hung Wing and XIE Zuowei.** "Unexpected Intramolecular Oxidative Addition: Novel Synthetic Route to High-Valent Group 4 Metallocarboranes Bearing a (<sup>6</sup>- or <sup>7</sup>- Carboranyl Ligand". *Organometallics* vol.21 pp.3311-3313. USA: American Chemistry Society, 2002.08.
- <P021451> **ZI Guofu; LI Hung Wing and XIE Zuowei.** "Synthesis, Structural Characterization, and Reactivity of Lanthanacarboranes Incorporating 'Carbons-Adjacent' *Nido*- and *Arachno*-Carborane Anions of the  $\text{C}_2\text{B}_{10}$  System". *Organometallics* vol.21 pp.3464-3470. USA: American Chemistry Society, 2002.08.
- <P021498> **HOU Xue Long; YANG Zhen and WONG Nai Ching Henry.** "Furans and Benzofurans". *Progress in Heterocyclic Chemistry* ed. by Gordon W. Gribble and Thomas L. Gilchrist. 14 ed. pp.139-179. Amsterdam: Pergamon Press, 2002.
- <P021569> **LEE Hing Ken and WONG Nai Ching Henry.** "An Enantioselective Synthetic Pathway towards Plakortones". *Chem. Commun.* pp.2114-2115. Cambridge, United Kingdom: Royal Society of Chemistry, 2002.
- <P021636> **ZI Guofu; LI Hung Wing and XIE Zuowei.** "Synthesis, Structural Characterization, and Catalytic Property of Group 4 Metal Carborane Compounds with a <sup>i</sup>Pr<sub>2</sub>NB-Bridged Constrained-Geometry Ligand". *Organometallics* vol.21 pp.3850-3855. 2002.09.
- <P021666> **NEO Yew Chin; YEO Shu - Lip Jeremy; LOW Meng - Neo Pauline; CHIEN Sheau Wei; MAK Thomas Chung Wai; VITTAL Jagadese J. and HOR T. S. Andy.** "Isolation and Structural Characterization of Some Stable Pd(II) Carboxylate Complexes Supported by 1,1'-Bis(Diphenylphosphino) Ferrocene (dppf)". *Journal of Organometallic Chemistry* vol.658 pp.158-168. Elsevier Science BV, 2002.

- <P021933> **SONG Hai Bin; ZHANG Zheng Zhi; ZHANG Zheng Zhi; HUI Zheng; CHE Chi Ming and MAK Thomas Chung Wai.** "Linear Heterotrinnuclear Complexes Derived from an Alkyl Platinum(II) Twelve-Membered Macrocyclic". *Inorganic Chemistry* vol.41 no.12, pp.3146-3154. American Chemistry Society, 2002.
- <P022125> **JIANG Hong; LIU You Cheng; LI Jing; WANG Guan Wu; WU Yun Dong; WANG Quan Ming and MAK Thomas Chung Wai.** "Novel Photo-Induced Coupling Reaction of 9-fluorenylidene malononitrile with 10-Methyl-9,10-Dihydroacridine". *Chem. Commun.* pp.882-883. The Royal Society of Chemistry, 2002.
- <P022164> **WONG Yee Lok; NG Kee Pui Dennis and LEE Hung Kay.** "New Chloro,  $\mu$ -Oxo, and Alkyl Derivatives of Dioxomolybdenum(VI) and -Tungsten(VI) Complexes Chelated with  $N_2O$  Tridentate Ligands: Synthesis and Catalytic Activities Toward Olefin Epoxidation". *Inorganic Chemistry* vol.41 pp.5276-5285. Washington, USA: American Chemical Society, 2002.10.07.
- <P022217> **WANG Quan Ming and MAK Thomas Chung Wai.** "Facile Construction of Anionic Silver(I) Aggregates with Embedded Acetylide and Cyanide Ions". *Angew. Chem. Int. Ed.* vol.41 no.21, pp.4135-4137. WILEY-VCH Verlag GmbH & Co., 2002.
- <P022551> **YU Jimmy C.; YU Jiaguo; HO Wing Kei; JIANG Zitao and ZHANG Lizhi.** "Effects of F<sup>-</sup>-doping on the Photocatalytic Activity and Microstructures of Nanocrystalline TiO<sub>2</sub> Powders". *Chemistry of Materials* vol.14 pp.3808-3816. United States of America: American Chemical Society, 2002.08.13.
- <P023072> **XIE Zuowei.** "Advances in the Chemistry of Metallocarboranes of f-Block Elements". *Coordination Chemistry Reviews* vol.231 pp.23-46. Elsevier, 2002.10.
- <P023074> **SONG Hai Bin; ZHANG Zheng Zhi and MAK Thomas Chung Wai.** "Synthesis and Structural Characterization of Palladium(II) and Platinum(II) Complexes Containing a Chiral P, N-donor Iminophosphine Ligand". *Polyhedron* vol.21 pp.1043-1050. Elsevier Science Ltd, 2002.
- <P023133> **LAO C K; LI Wai Kee; WANG X.; TIAN A. and WONG N. B.** "A Gaussian-3 Study of N<sub>7</sub><sup>+</sup> and N<sub>7</sub><sup>-</sup> Isomers". *Journal of Molecular Structure (Theochem)* vol.617 pp.121-131. Arusterdan, Netherlands: Elsevier Science B. V., 2002.10.25.
- <P023304> **LAU Kai Chi Justin; LI Wai Kee; QI Fei and SUITS Arthur G.** "A Gaussian-3 Study of the Photodissociation Channels of Propylene Sulfide". *Journal of Physical Chemistry A* vol.106 pp.11025-11028. Washington, D.C., United States of America: American Chemical Society, 2002.11.21.
- <P023572> **SIU Chi Kit and LIU Zhifeng.** "Ab Initio Studies on the Mechanism of the Size-Dependent Hydrogen-Loss Reaction in Mg<sup>+</sup>(H<sub>2</sub>O)<sub>n</sub>". *Chem. Eur. J* vol.8 no.14, Weinheim, Germany: Wiley-VCH Verlag GmbH, 2002.
- <P023868> **WANG Quan Ming and MAK Thomas Chung Wai.** "A Novel Organometallic Columnar Complex Containing Endohedral Silver(I) - Ethynediyl Binding and Exterior Silver(I)-Aromatic Interaction". *Chem. Commun.* vol.2682-2683. The Royal Society of Chemistry, 2002.
- <P023904> **WU Ling; LIN Jun; LI Pui Shan and YU Jimmy C.** "Visible Light Photocatalysis on CdS-Sensitized TiO<sub>2</sub> Nanocrystalline Synthesized by a Microemulsion-Mediated Solvothermal Method". Paper presented in the 2002' National Conference on Photocatalysis, Beijing, 2002.10.

- <P023908> **HE Ju; MA Wanhong; HE Jianjun; ZHAO Jincai and YU Jimmy C.** "Photooxidation of Azo Dye in Aqueous Dispersions of H<sub>2</sub>O<sub>2</sub>/α-FeOOH". *Applied Catalysis B: Environmental* vol.39 pp.211-220. Netherlands: Elsevier, 2002.10.
- <P024338> **LU Wenjie; ZHANG Lin Ping; SONG Hai Bin; WANG Quan Ming and MAK Thomas Chung Wai.** "Novel Lanthanide(III) Coordination Networks Based on 1,2-bis(4-Pyridyl)ethane-*N,N'*- and Dioxide *Trans*-1,2-bis(4-Pyridyl)ethene-*N,N'*-Dioxide". *New Journal of Chemistry* vol.26 pp.775-781. Royal Society of Chemistry, 2002.
- <P024340> **HON N. W. C.; CHEN Z. D. and LIU Zhifeng.** "Ab Initio Studies on the Thermal Dissociation Channels of *cis* and *trans*-Azomethane". *J. Phys. Chem. A* vol.106 p.6792. 2002.
- <P024367> **YU Jimmy C.; ZHANG Lizhi and YU Jiaguo.** "Direct Sonochemical Preparation and Characterization of Highly Active Mesoporous TiO<sub>2</sub> with a Bicrystalline Framework". *Chemistry of Materials* vol.14 pp.4647-4653. United States of America: American Chemical Society, 2002.11.18.
- <P024778> **CHAN Siu-Hin; YICK Chung Yan and WONG Nai Ching Henry.** "5,6-Bis(trimethylsilyl)benzo[c]furan: An Isolable Versatile Building Block for Linear Polycyclic Aromatic Compound". *Tetrahedron* pp.9413-9422. Elsevier Science Ltd, 2002.
- <P025007> **JETTI Ram K. R.; THALLAPALLY Praveen K.; NANGIA Ashwini; LAM Chi Keung and MAK Thomas Chung Wai.** "2,4,6-Tris(4-Nitrophenoxy)-1,3,5-Triazine: A Hexagonal Host Framework Stabilised by The NO<sub>2</sub>-Trimer Supramolecular Synthons". *Chem. Commun.* pp.952-953. The Royal Society of Chemistry, 2002.
- <P025022> **ZHANG R Q; LEE S T; LAW Chi Kin; LI Wai Kee and TEO Boon K.** "Silicon Nanotubes: Why Not?". *Chemical Physics Letters* 2002 vol.364 pp.251-258. Amsterdam, Netherlands: Elsevier Science B. V., 2002.10.04.
- <P025027> **CHAN Tak Wah Dominic; DUAN Lifang and SZE Tung Po Eric.** "Accurate Mass Measurements for Peptide and Protein Mixtures by Using Matrix-Assisted Laser Desorption/Ionization Fourier Transform Mass Spectrometry". *Analytical Chemistry* vol.13 pp.5282-5289. American Chemical Society, 2002.
- <P025421> **XU An Wu; CAI Yue Peng; ZHANG Hua Xin; ZHANG Li Zhi and YU Jimmy C.** "Hierarchically Ordered Silica Mesophases Using Mixed Surfactant Systems as Templates". *Angewandte Chemie-International Edition* vol.41 pp.3844-3848. Germany: Wiley-VCH, 2002.10.
- <P025643> **CHOI T. M. Michael; YANG Qingchuan; MAK Thomas Chung Wai and NG Kee Pui Dennis.** "Synthesis and Molecular Structure of a Head-to-tail [4+4] Dimer of a Hexa-substituted Anthracene". *J. Chem. Research (S)* pp.644-646. 2002.
- <P025722> **CHAN Tak Wah Dominic and IP W. H. Herman.** "Optimization of Experimental Parameters for Electron Capture Dissociation of Peptides in a Fourier Transform Mass Spectrometer". *J. Am. Soc. Mass Spectrom.* vol.13 pp.1396-1406. United States of America: Elsevier Science Inc, 2002.
- <P025804> **HO K. F.; LEE S. C.; YU Jimmy C.; ZOU S. C. and FUNG Kochoy.** "Carbonaceous Characteristics of Atmospheric Particulate Matter in Hong Kong". *The Science of the Total Environment* vol.300 pp.59-67. United Kingdom: Elsevier, 2002.12.
- <P026112> **SONG Hai Bin; ZHANG Zheng Zhi and MAK Thomas Chung Wai.** "Synthesis and Structural Study of Tri- and Dinuclear Palladium Complexes of 2,6-Bbis(diphenylphosphino)pyridine". *Inorganic Chemistry Communications* vol.5 pp.442-445. Elsevier Science BV, 2002.

- <P026180> **ZI Guofu; LI Hung Wing and XIE Zuowei.** "Synthesis, Structural Characterization, and Reactivity of 'Carbons-Adjacent' *nido*- and *arachno*-Carborane Anions of the C<sub>2</sub>B<sub>10</sub> Systems and Their Metal Complexes". *Organometallics* vol.21 pp.5415-5427. United States of America: American Chemical Society, 2002.
- <P026276> **REDDY C. Malla; NANGIA Ashwini; LAM Chi Keung and MAK Thomas Chung Wai.** "An Engineered N-H $\cdots$  $\pi$  Interaction: Crystal Structure of 4-tritylbenzamide-*p*-Xylene (2:1)". *CrystEngComm* vol.4 (58) pp.323-325. 2002.
- <P026799> **LI Rui Xiang; LI Xian Jun; WONG Ning Bew; TIN Kam Chung; ZHOU Zhong Yuan and MAK Thomas Chung Wai.** "Syntheses and Characterizations of Iridium Complexes Containing Bidentate Phosphine Ligands and Their Catalytic Hydrogenation Reactions to  $\alpha,\beta$ -Unsaturated Aldehydes". *Journal of Molecular Catalysis A: Chemical* vol.178 pp.181-190. Elsevier Science BV, 2002.
- <P026956> **XU Anwu; YU Jimmy C.; ZHANG Huaxin; ZHANG Lizhi; KUANG Daibin and FANG Yueping.** "Continuous Formation of Supported Unusual Mesostructured Silica Films by Sol-Gel Dip Coating". *Langmuir* vol.18 pp.9570-9573. United States of America: American Chemical Society, 2002.11.
- <P027101> **LAW Chi Kin; CHIEN Siu Hung; LI Wai Kee and CHEUNG Yu San.** "Thermochemistry of Chlorine Fluorides ClF<sub>*n*</sub>, *n* = 1-7, and Their Singly Charged Cations and Anions: A Gaussian-3 and Gaussian-3X Study". *Journal of Physical Chemistry* vol.106 pp.11271-11276. Washington, D.C., United States of America: American Chemical Society, 2002.11.21.
- <P027983> **LAM Sik Lok; IP Lai Nang; CUI Xiaodai and HO Cheuk Nang.** "Random Coil Proton Chemical Shifts of Deoxyribonucleic Acids". *Journal of Biomolecular NMR* vol.24 pp.329-337. Netherlands: Kluwer Academic Publishers, 2002.
- <P028197> **LOW Kam Hung; CHOW Hak Fun; WONG Ka Wai; WONG King Young; LAU Leo Woon Ming and GAO Zhiqiang.** "Decreased Aggregation Phenomena in Fluorene-Based Statistical Copolymers". *Preprints of IUPAC Conference on the Mission and Challenges of Polymer Science and Technology (IUPAC-PC2002)* 496. Kyoto, Japan, 2002.12.02.
- <P028351> **SHING Kung Ming Tony and LEUNG Yiu Chung Gulice.** "Asymmetric Epoxidation Catalyzed by D-glucose-derived Uloses". *Tetrahedron* vol.58 pp.7545-7552. Elsevier Science Ltd, 2002.
- <P028490> **CHATTOPADHYAY Shyamal K.; SETH Shyamal and MAK Thomas Chung Wai.** Studies of Copper(II) Thiosemicarbazide Complexes and Their Reactivities. X-Ray Structure of Two Unusual Reaction Products, [Cu(bpy)(H<sub>2</sub>O)<sub>2</sub>SO<sub>4</sub>] and [(bpy)<sub>2</sub>Cu<sub>2</sub>(C<sub>2</sub>O<sub>4</sub>)Cl<sub>2</sub>].H<sub>2</sub>O". *J. Coord. Chem.* vol.55 (3) pp.259-270. Taylor & Francis, 2002.
- <P028600> **CHOW Hak Fun and WAN Chi Wai.** "Multicenter Homogeneous Dendritic Catalysts: The Higher the Generation, the Better the Reactivity and Selectivity? — A Comparative Study of the Catalytic Efficiency of Dendrimeric [1,1'-Binaphthalene]-2,2'-diol-Derived Catalysts". *Helvetica Chimica Acta* vol. 85 pp.3444-3454. Zurich, Switzerland: Verlag Helvetica Chimica Acta AG, 2002.10.
- <P028696> **LAU Oi Wah and LUK Shiu Fai.** "A Survey on the Composition of Mineral Water and Identification of Natural Mineral Water". *International Journal of Food Science and Technology* vol.37 pp.309-317. Blackwell Science Ltd, 2002.

- <P028913> **ZHANG Xing; GUO Guo Cong; ZHENG Fa Kun; ZHOU Guo Wei; MAO Jiang Gao; DONG Zhen Chao; HUANG Jin Shun and MAK Thomas Chung Wai.** "Self-assembly of Silver(I) Coordination Polymers with Novel Layered Open Network Structures Based on a Flexible Double Betaine Ligand". *J. Chem. Soc., Dalton Trans.* pp.1344-1349. United Kingdom: The Royal Society of Chemistry, 2002.
- <P028977> **LEUNG Wing Por Kevin; SO Cheuk Wai; WANG Jinzhi and MAK Thomas Chung Wai.** "A Novel Synthesis of Metallogermacyclopropane and Molybdenum Bis(iminophosphorano)Carbene Complexes from Bisgermavinylidene". *Chem. Commun.* pp.248-249. United Kingdom: The Royal Society of Chemistry, 2002.12.16.
- <P02905> **XU An-Xu; YU Jimmy C.; CAI Yue-Peng; Zhang Hua-Xin and ZHANG Li-Zhi.** "The Preparation of Highly Ordered Long-Range Lamellar Silica Structure with Large Interlayer Spacings". *Chemical Communications* pp.1614-1615. UK: The Royal Society of Chemistry, 2002.07.
- <P02922> **XU An-Wu; CAI Yue-Peng; ZHANG Li-zhi and YU Jimmy C.** "Oxide Monoliths and Films with Unusual Long-Range Highly Ordered Lamellar Structures". *Advanced Materials* vol.14 pp.1064-1068. New York: Wiley, 2002.08.
- <P029442> **YU Jiaguo; YU Jimmy C.; HO Wing Kei and ZHANG Li Zhi.** "Effects of Calcinations on the Mesoporous Structures and Photoactivity of Nanocrystalline  $\text{TiO}_{2-x}\text{F}_x$  Powders". Paper presented in the 2002 National Conference on Photocatalysis, Beijing, 2002.10.
- <P029577> **DU Miao; BU Xian He; GUO Ya Mei; LIU He; BATTEN Stuart R.; RIBAS Joan and MAK Thomas Chung Wai.** "First  $\text{Cu}^{\text{II}}$  Diamondoid Net with 2-Fold of Anions in the Construction of the Supramolecular Arrays". *Inorg. Chem.* vol.41 pp.4904-4908. 2002.
- <P029985> **SIU Chi Kit; LIU Zhifeng and TSE John S.** "Ab Initio Studies on  $\text{Al}^+(\text{H}_2\text{O})_n$ ,  $\text{HAIOH}^+(\text{H}_2\text{O})_{n-1}$ , and the Size-Dependent  $\text{H}_2$  Elimination Reaction". *J. Am. Chem. Soc.* vol.124 pp.10846 - 10860. United States of America: American Chemical Society, 2002.
- <P030008> **WANG Quan Ming and MAK Thomas Chung Wai.** "An Anionic Silver(I) Column Containing a Novel Asymmetric Double Cage with Embedded Acetylenediide and Unprecedented  $\mu_5$ -ligation of the Nitrate Ion". *Dalton Trans.* pp.25-27. Royal Society of Chemistry, 2003.
- <P030320> **LEUNG Wing Por Kevin; SO Cheuk Wai; WANG Zhongxia; WANG Jinzhi and MAK Thomas Chung Wai.** "Synthesis of Bisgermavinylidene and Its Reaction with Chalcogens". *Organometallics* vol.22 pp.4305-4311. United States of America, 2003.
- <P030323> **LEE Ho Lam; LI Wai Kee and CHIU S. W..** "Structures and Energetics of  $\text{C}_3\text{H}_6\text{S}^+$  Isomers: A Gaussian-3 ab Initio Study". *Journal of Molecular Structure (Theochem)* vol.620 (2003) pp.107-118. Amstwdam, Netherlands: Elsevier Science B. V., 2003.01.23.
- <P030356> **SHING Kung Ming Tony; LEUNG Yiu Chung Gulice and YEUNG Kwan Wing.** "Catalytic Asymmetric Epoxidation of Alkenes with Arabinose-derived Uloses". *Tetrahedron* vol.59 pp.2159-2168. Elsevier Science Ltd, 2003.
- <P030412> **YU Jimmy C.; JIANG Zitao; LI Rong and CHAN Sze Man.** "Chemical Composition of the Essential Oils of *Brassica Juncea* (L.) Coss. Grown in Different Regions, Hebei, Shaanxi and Shandong, of China". *Journal of Food and Drug Analysis* vol.11 pp.22-26. Taiwan: Department of Health, Taiwan, 2003.03.
- <P030472> **LAM Sik Lok and HSU Victor L.** "NMR Identification of Left-Handed Polyproline Type II Helices". *Biopolymers* vol.69 pp.270-281. Wiley Periodicals, Inc., 2003.06.

- <P030498> **YU Jimmy C.; ZHANG Lizhi and LIN Jun.** "Direct Sonochemical Preparation of High Surface Area Nanoporous Ceria and Ceria-Zirconia Solid Solutions". *Journal of Colloid and Interface Science* vol.260 pp.240-243. United States of America: Academic Press, 2003.04.
- <P030667> **CHENG Mei Fun and LI Wai Kee.** "A Computational Study of the Diels-Alder Reactions Involving Acenes: Reactivity and Aromaticity". *Chemical Physics Letters* vol.368 pp.630-638. Netherlands: Elsevier Science Publishers B.V., 2003.01.24.
- <P030848> **CHEN Wei; DU Miao; BU Xian - He; ZHANG Ruo - Hua and MAK Thomas Chung Wai.** "Modifying Silver(I) Coordination Frameworks Containing a Flexible Dithioether Ligand by Variation of Counter Anions". *CrystEngComm* vol.5 no.20, pp.96-100. The Royal Society of Chemistry, 2003.
- <P030949> **WONG Nai Ching Henry; YICK Chung Yan and TSANG Tsun Keung.** "Regiospecific Substitution of the Carbon-Carbon Bond of TRIS(4-Trimethylsilylfuran-3-yl) Boroxine and TRIS(4-Methylfuran-3-yl)Boroxine, Model Approaches Towards Sesquiterpenoid Furanoedesmanes". *Tetrahedron* vol.59 no.3, pp.325-333. United Kingdom: Elsevier, 2003.01.13.
- <P030976> **HO Yee Ping; AU-YEUNG Chik Fun Steve and TO Kin Wah Kenneth.** "Platinum-Based Anticancer Agents: Innovative Design Strategies and Biological Perspectives". *Medicinal Research Reviews* vol.23 no.5, pp.633-655. 2003.
- <P031156> **WANG Lailai; KWOK Waihim; WU Jing; GUO Rongwei; AU-YEUNG T.- L. Terry; ZHOU Zhongyuan; CHAN Albert S. C. and CHAN Kin Shing.** "Enantioselective Bis-alkoxycarbonylation of Styrene Catalyzed by Novel Chiral Dipyridylphosphine Cationic Palladium(II) Complexes". *Journal of Molecular Catalysis A: Chemical* vol.196 pp.171-178. Elsevier Science B. V., 2003.03.
- <P031188> **CHENG Mei Fun and LI Wai Kee.** "Structural and Energetics Studies of Tri- and Tetra-*tert*-butylmethane". *Journal of Physical Chemistry A* vol.107 pp.5492-5498. United States of America: American Chemistry Society, 2003.
- <P031552> **NGAI To and WU Chi.** "Effect of Cross-Linking on Dynamics of Semidilute Copolymer Solutions: Poly(methyl methacrylate-*co*-7-acryloyloxy-4-methylcoumarin) in Chloroform". *Macromolecules* vol.36 pp.848-854. United States of America: American Chemical Society, 2003.
- <P031670> **CHAN Tak Wah Dominic and TANG K. Y..** "Analysis of a Bioactive  $\beta$ -(1 $\rightarrow$ 3) Polysaccharide (*Curdlan*) Using Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry". *Rapid Communications in Mass Spectrometry* vol.17 pp.887-896. John Wiley & Sons, Ltd., 2003.
- <P031713> **YU Jimmy C..** "Development of Photocatalytic Technology and its Applications to Air Quality in Hong Kong". *8th International Conference on Atmospheric Sciences and Applications to Air Quality* Tsukuba, Japan, 2003.03.
- <P031931> **YU Jimmy C.; ZHANG Li Zhi; ZHENG Zhi and ZHAO Jincui.** "Synthesis and Characterization of Phosphated Mesoporous Titanium Dioxide with High Photocatalytic Activity". *Chemistry of Materials* vol.15 pp.2280-2286. United States of America, 2003.05.
- <P032334> **CHIU Wing Lok Abe Kurtz; SZE Chun Ngai; MA Lap Tak; CHIU Lai Fan; LEUNG Chung Wai and AU-YEUNG Chik Fun Steve.** "NTDB: Thermodynamic Database for Nucleic Acids, Version 2.0". *Nucleic Acids Research* vol.31 no.1, pp.483-485. 2003.

- <P032508> **CHEUNG Yu San; NG Cheuk Yiu; CHIU See Wing and LI Wai Kee.** "Application of Three-Center-Four-Electron Bonding for Structural and Stability Predictions of Main Group Hypervalent Molecules: The Fulfillment of Octet Shell Rule". *Journal of Molecular Structure (Theochem)* vol.623 pp.1-10. Netherlands: Elsevier Science BV, 2003.04.04.
- <P032530> **NG Kee Pui Dennis; BIAN Yongzhong; WANG Rongming; JIANG Jianzhuang; LEE Chi-Hang and WANG Jinzhi.** "Synthesis, Spectroscopic Characterisation and Structure of the First Chiral Heteroleptic Bis(phthalocyaninato) Rare Earth Complexes". *Chemical Communications* pp.1194-1195. Cambridge, UK: Royal Society of Chemistry, 2003.04.30.
- <P032611> **MA Wanhong; LI Jing; TAO Xia; HE Ju; XU Yiming; YU Jimmy C. and ZHAO Jincai.** "Efficient Degradation of Organic Pollutants by Using Dioxygen Activated by Resin-Exchanged Iron(II) Bipyridine under Visible Irradiation". *Angew. Chem. Int. Ed.* vol.42 no.9, pp.1029-1032. Germany, Weinheim: Wiley-VCH Verlag GMBH, 2003.02.26.
- <P032645> **ZHANG Guangzhao; WINNIK Françoise M. and WU Chi.** "Structure of a Collapsed Polymer Chain with Stickers: A Single- or Multiflower?". *Physical Review Letters* vol.90 no.3, pp.35506-1 - 35506-4. United States of America: The American Physical Society, 2003.01.24.
- <P032719> **LEE Ho - Lam and LI Wai Kee.** "Computational Study on the Electrocyclic Reactions of [16]annulene". *Organic and Biomolecular Chemistry* vol.1 pp.2748-2754. United Kingdom: The Royal Society of Chemistry, 2003.
- <P032830> **WANG Quan Ming and MAK Thomas Chung Wai.** "Crown Ethers as Ancillary Ligands in the Assembly of Silver(I) Aggregates Containing Embedded Acetylenediide". *Chemistry - A European Journal* vol.9 no.1, pp.44-50. Weinheim, Germany: Wiley-VCH Verlag GmbH, 2003.
- <P032907> **WONG Nai Ching Henry; LAI Chun Wing; LAM Chi Keung; LEE Hung Kay and MAK Thomas Chung Wai.** "Synthesis and Studies of 1,4,5,8,9,12,13,16-Octamethoxytetraphenylene". *Organic Letters* vol.5 no.6, pp.823-826. Columbus, OH, United States of America: American Chemical Society, 2003.02.22.
- <P033070> **LEUNG Wing Por Kevin; KWOK Wai Him; ZHOU Zhong Yuan and MAK Thomas Chung Wai.** "Structural and Mechanistic Studies of Halogenation of a Tin(II) N-Functionalized Alkyl". *Organometallics* vol.22 pp.1751-1755. United States of America: American Chemical Society, 2003.
- <P033162> **WONG Nai Ching Henry; HOU Xue Long and YANG Zhen.** "Five-Membered Ring Systems : Furans and Benzofurans ". *Progress in Heterocyclic Chemistry* ed. by G.W. Gribble and J.A. Joule. Volume 15 ed. pp.167-205. Amsterdam, The Netherlands: Pergamon Press, 2003.
- <P033278> **WONG Nai Ching Henry and CHAN Kin Fai.** "Diastereoselective Aldol Reactions of Furaldehyde Using a Chiral Boronate as Auxiliary: Application to the Synthesis of Enantimerically Pure and Highly Functionalized 2,3-Disubstituted Furanly Alcohols". *European Journal of Organic Chemistry* no.1, pp.82-91. Weinheim, Germany: Wiley-VCH, 2003.01.01.
- <P033287> **NG Kee Pui Dennis; BIAN Yongzhong; WANG Daqi; WANG Rongming; WENG Linhong; DOU Jianmin; ZHAO Dongyuan and JIANG Jianzhuang.** "Structural Studies of the Whole Series of Lanthanide Double-Decker Compounds with Mixed 2,3-Naphthalocyaninato and Octaethylporphyrinato Ligands". *New Journal of Chemistry* vol.27 no.4, pp.844-849. Cambridge, UK: Royal Society of Chemistry, 2003.04.30.
- <P033379> **LEUNG Wing Por Kevin; IP Wai Yan Queenie; WONG Suk Yu and MAK Thomas Chung Wai.** "Syntheses and Structures of Group 14". *Organometallics* vol.22 pp.4604-4609. United States of America: American Chemical Society, 2003.

- <P033656> **TAO Xia; MA Wanhong; LI Jing; HUANG Yingping; ZHAO Jincai and YU Jimmy C.** "Efficient Degradation of Organic Pollutants Mediated by Immobilized Iron Tetrasulfophthalocyanine under Visible Light Irradiation". *Chemical Communications* pp.80-81. United Kingdom, 2003.01.
- <P033665> **CHOW Hak Fun; MONG K. K. Tony; CHAN Yuk Hang and CHENG Hon Chi.** "A New Class of Protein Mimics: Preparation and Electrophoretic Properties of Polycationic  $\beta$ -Alanine-Based Dendrimers". *Tetrahedron* Vol. 59 pp.3815-3820. Oxford, United Kingdom: Elsevier Science Ltd., 2003.05.
- <P033894> **SIU Man Hin; LIU H. Y.; ZHU X. X. and WU Chi.** "Formation of Mesoglobular Phase of Amphiphilic Copolymer Chains in Dilute Solution: Effect of Comonomer Composition". *Macromolecules* vol.36 pp.2103-2107. United States of America: American Chemical Society, 2003.
- <P034229> **YU Jimmy C.; CHAN Sze Man and CHEN Zu Liang.** "Preconcentration Using Diethylenetriaminetetraacetic Acid Functionalized Polysiloxane (DETAP) for Determination of Molybdenum(VI) in Seawater by ICP-OES". *Analytical and Bioanalytical Chemistry* vol.376 pp.728-734. Germany: Springer-Verlag Heidelberg, 2003.06.
- <P034242> **WANG Yaorong; WANG Haiping; WANG Hong; CHAN Hoi Shan and XIE Zuowei.** "Reactions of  $L_2Zr(NMe_2)_2$  with  $Me_3Al$  and  $PhC=CH$ : Synthesis and Structural Characterization of New Zirconium Carborane Complexes [ $L_2 = Me_2Si(C_9H_6)(C_2B_{10}H_{10})$  and  $Me_2C(C_5H_4)(C_2B_{10}H_{10})$  ]". *Journal of Organometallic Chemistry* vol.683 pp.39-43. Netherlands: Elsevier Science B.V., 2003.
- <P034266> **HO K. F.; LEE S. C.; CHAN Chak K.; YU Jimmy C.; CHOW C. Judith and YAO X. H.** "Characterization of Chemical Species in  $PM_{2.5}$  and  $PM_{10}$  Aerosols in Hong Kong". *Atmospheric Environment* vol.37 pp.31-39. United Kingdom: Pergamon, 2003.01.
- <P034629> **ZHANGM Lin - Ping; SONG Hai - Bin; WANG Quan - Ming and MAK Thomas Chung Wai.** "Coordination Networks Generated From Transition Metal Chlorides and a Flexible Double Betaine". *Polyhedron* vol.22 pp.811-818. Elsevier Science Ltd, 2003.
- <P034879> **CHAN Siu Pang; CHEN Gang; GONG X. G. and LIU Zhifeng.** "Oxidation of Carbon Nanotubes by Singlet  $O_2$ ". *Physical Review Letters* vol.90 no.8, United States of America: The American Physical Society, 2003.
- <P034885> **WANG Quan - Ming and MAK Thomas Chung Wai.** "Assembly of Discrete, One-, Two-, and Three-Dimensional Silver(I) Supramolecular Complexes Containing Encapsulated Acetylide Dianion with Nitrogen-Donor Spacers". *Inorganic Chemistry* vol.42 no.5, pp.1637-1643. United States of America: American Chemical Society, 2003.
- <P035304> **WANG Quan Ming; GUO Guo Cong and MAK Thomas Chung Wai.** "Anion-controlled Assembly of Layer-Type Structures in Double and Triple Salts of Silver Cyanide". *Polyhedron* vol.22 pp.217-223. Elsevier Science Ltd, 2003.
- <P035307> **CHEN G.; LIU Zhifeng and GONG X. G..** "Structural Transition in  $Ba_nO_m$  Clusters". *Physical Review B* vol.67 pp.205415 - 205420. United States of America: The American Physical Society, 2003.
- <P035365> **WANG Haiping; LI Hung Wing and XIE Zuowei.** "Multiple Insertion of Unsaturated Molecules into the Zr-N Bonds of  $[\eta^5\text{-}Me_2A(C_9H_6)(C_2B_{10}H_{10})]Zr(NMe_2)_2$  (A = C, Si)". *Organometallics* vol.22 pp.4522-4531. United States of America: American Chemical

Society, 2003.

- <P035426> **LEE Ho - Lam; LI Wai Kee and CHIU S. - W.**. "A Gaussian-3 Study of the C<sub>3</sub>H<sub>6</sub>S Isomers and the Dissociation Channels of Diradical ·CH<sub>2</sub>CH<sub>2</sub>SCH<sub>2</sub> and Its Radical Cation ·CH<sub>2</sub>CH<sub>2</sub>SCH<sub>2</sub><sup>+</sup>". *Journal of Molecular Structure (Theochem)* vol.629 pp.237-250. Elsevier B.V., 2003.
- <P035488> **ZHAO Yue; CAO Yi; YANG Yuliang and WU Chi.** "Rheological Study of the Sol—Gel Transition of Hybrid Gels". *Macromolecules* vol.36 pp.855-859. United States of America: American Chemical Society, 2003.
- <P035650> **吳奇 及 蔣蘇洪.** <新型高分子凝膠體及其應用>. Chinese Patent No. ZL 97 1 80823.6, 中國, 2003.03.05.
- <P035693> **BIAN Yongzhong; JIANG Jianzhuang; TAO Ye; CHOI T. M. Michael; LI Renjie; NG C. H. Anthony; ZHU Peihua; PAN Na; SUN Xuan; ARNOLD Dennis P.; ZHOU Zhong Yuan; LI Hung Wing; MAK Thomas Chung Wai and NG Kee Pui Dennis.** "Tuning the Valence of the Cerium Center in (Na)phthalocyaninato and Porphyrinato Cerium Double-Deckers by Changing the Nature of the Tetrapyrrole Ligands". *Journal of American Chemical Society* vol.125 pp.12257-12267. United States of America: American Chemical Society, 2003.
- <P035826> **SOMINSKI E.; GEDANKEN A.; PERKAS N.; BUCHKREMER H. P.; MENZLER N. H.; ZHANG Li Zhi and YU Jimmy C.** "The Sonochemical Preparation of a Mesoporous NiO/Yttria Stabilized Zirconia Composite". *Microporous and Mesoporous Materials* vol.60 pp.91-97. United States of America: Elsevier Sciences B.V., 2003.06.
- <P035905> **HU Chang- Wei; YANG Hua- Qing; WONG Ning- Bew; CHEN Yao- Qiang; GONG Mao-Chu; LI Can; TIAN An- Min and LI Wai Kee.** "Theoretical Study on the Mechanism of the Reaction of CH<sub>4</sub> + MgO". *Journal of Physical Chemistry A* vol.107 pp.2316-2323. United States of America: American Chemical Society, 2003.04.03.
- <P035930> **XIE Zuowei.** "Cyclopentadienyl - Carboranyl Hybrid Compounds: A New Class of Versatile Ligands for Organometallic Chemistry". *Accounts of Chemical Research* vol.36 pp.1-9. American Chemical Society, 2003.01.
- <P036009> **YU Jiaguo; YU Jimmy C.; LEUNG Kit Ping; HO Wing Kei; CHENG Bei; ZHAO Xiujian and ZHAO Jincai.** "Effects of Acidic and Basic Hydrolysis Catalysts on the Photocatalytic Activity and Microstructures of Bimodal Mesoporous Titania". *Journal of Catalysis* vol.217 pp.69-78. United States of America: Elsevier Science (USA), 2003.05.
- <P036131> **LEUNG Wing Por Kevin; HOU Leung Henry; CHENG Hui; YANG Qing Chuan; LI Hung Wing and MAK Thomas Chung Wai.** "Synthesis and Structural Characterisation of Low-valent Group 14 Metal Complexes Containing Tridentate 2,6-pyridyl-bridged Bis(1-azaallyl) Ligands". *Dalton Trans.* pp.1505-1508. United Kingdom: The Royal Society of Chemistry, 2003.
- <P036363> **HO Wing Kei; YU Jimmy C. and LIN Jun.** "Visible Light Photocatalysis: TiO<sub>2</sub> sensitized by WS<sub>2</sub> and MoS<sub>2</sub>". *10th Symposium on Postgraduate Chemistry Research in Hong Kong* Hong Kong, China, 2003.03.22.
- <P036384> **YU Jimmy C.; HO Wing Kei; YU Jiaguo; HARK Sui Kong and IU Kwan Sai.** "Effects of Trifluoroacetic Acid Modification on the Surface Microstructures and Photocatalytic Activity of Mesoporous TiO<sub>2</sub> Thin Films". *Langmuir* vol.19 no.9, pp.3889-3896. United States of America: American Chemical Society, 2003.04.29.
- <P036668> **WU Hai - Tao; LI Song - Lin and MAK Thomas Chung Wai.** "Pyridiniodithioacetate and Its First Stable Metal Complex". *Dalton Trans.* pp.1666-1668. The Royal Society of Chemistry, 2003.

- <P036768> **YU Jimmy C.; JIANG Zitao; LIU Ho Yan and YU Jianguo.** "Influence of Solvation Interactions on the Zeta Potential of Titania Powders". *Journal of Colloid and Interface Science* vol.262 pp.97-100. United States of America: Elsevier Science (USA), 2003.05.
- <P036968> **WONG Kit Hung; CHAN Hoi Shan and XIE Zuowei.** "Synthesis and Structural Characterization of Carbons-Adjacent Stannacarboranes of the C<sub>2</sub>B<sub>10</sub> System". *Organometallics* vol.22 pp.1775-1778. United States of America: American Chemical Society, 2003.
- <P037011> **NG Kee Pui Dennis; SUN Xuan; CUI Xuegui; ARNOLD Dennis P.; CHOI Tsang Ming Michael and JIANG Jianzhuang.** "The Electronic Absorption Characteristics of Mixed Phthalocyaninato Porphyrinato Rare Earth(III) Triple-Deckers M<sub>2</sub>(TPyP)<sub>2</sub>(Pc)". *European Journal of Inorganic Chemistry* pp.1555-1561. Weinheim, Germany: Wiley-VCH Verlag GmbH & Co., 2003.04.
- <P037367> **NG Kee Pui Dennis; BAI Ming; BAO Meng; MA Changqin; ARNOLD Dennis P.; CHOI Tsang Ming Michael and JIANG Jianzhuang.** "New Dimeric Supramolecular Structure of Mixed (Phthalocyaninato)(porphyrinato)europium(III) Sandwiches: Preparation and Spectroscopic Characteristics". *Journal of Materials Chemistry* vol.13 no.5, pp.1333-1339. Cambridge, UK: Royal Society of Chemistry, 2003.05.20.
- <P037441> **KUI Steven C. F.; LI Hung Wing and LEE Hung Kay.** "Cerium(III) and Neodymium(III) Amides Derived from a Chelating 2-Pyridyl Amido Ligand". *Inorganic Chemistry* vol.42 no.9, pp.2824-2826. United States of America, 2003.
- <P037962> **SO Suk Ping.** "Gaussian-3 Molecular Orbital Study of the Reaction Boron with Methylamine and the Decomposition Paths of the Reaction Products". *J. Phys. Chem. A* vol.107 pp.1819-1824. United States of America: American Chemical Society, 2003.
- <P038033> **YU Jimmy C.; XIE Yinde; TANG Hung Yuk; ZHANG Lizhi; CHAN Hsiao Chang and ZHAO Jincal.** "Visible Light-Assisted Bactericidal Effect of Metalphthalocyanine-Sensitized Titanium Dioxide Films". *Journal of Photochemistry and Photobiology A: Chemistry* vol.156 pp.235-241. Elsevier Sciences B.V., 2003.03.
- <P038226> **NG Kee Pui Dennis; LO Pui Chi; WANG Shuangqing; ZEUG Andre; MEYER Matthias and RODER Beate.** "Preparation and Photophysical Properties of Halogenated Silicon(IV) Phthalocyanines Substituted Axially with Poly(ethylene glycol) Chains". *Tetrahedron Letters* vol.44 pp.1967-1970. Oxford, United Kingdom: Pergamon-Elsevier Science Ltd., 2003.02.24.
- <P038237> **CHAN Man Chor and YEUNG Shun Hin.** "High-resolution Cavity Enhanced Absorption Spectroscopy Using Phasing-sensitive Detection". *Chemical Physics Letters* vol.373 pp.100 - 108. Elsevier Science B.V., 2003.
- <P038310> **LEE Pui - Sze Priscilla; NGAI To; HUANG Jian - Dong; WU Chi; FONG Wing Ping and NG Kee Pui Dennis.** "Synthesis, Characterization, Biodegradation, and in Vitro Photodynamic Activities of Silicon(IV) Phthalocyanines Conjugated Axially with Poly( $\epsilon$ -caprolactone)". *Macromolecules* vol.36 pp.7527-7533. American Chemical Society, 2003.
- <P038386> **WONG Nai Ching Henry and YIM Kee Ho.** "Synthetic Studies of Furanosquiterpenoid Tetrahydrolinderazulenes. Total Synthesis of (-)-Echinofuran". *Tetrahedron* vol.59 no.11, pp.1877-1884. Oxford, United Kingdom: Elsevier, 2003.03.10.
- <P038469> **WOO H. K.; LAU K. - C.; ZHAN Jiping; NG C. Y.; LEE Chi Lun; LI Wai Kee and JOHNSON Philip M.** "Vacuum Ultraviolet Laser Pulsed Field Ionization Photoelectron Study of

- trans*-2-butene". *Journal of Chemical Physics* vol.119 No. 15 pp.7789-7799. United States of America: American Institute of Physics, 2003.
- <P038537> **HU C.; YU Jimmy C.; HAO Z. and WONG Po Keung.** "Effects of Acidity and Inorganic Ions on the Photocatalytic Degradation of Different Azo Dyes". *Applied Catalysis B: Environmental* vol.46 pp.35-47. New York: Elsevier Sciences B.V., 2003.
- <P038607> **CHUNG Hau Yin; MA Wing Chi Joyce; ANG Put Jr.; KIM J.- S. and CHEN F..** "Seasonal Variations of Bromophenols in Brown Algae (*Padina arborescens*, *Sargassum siliquastrum* and *Lobophora variegata*) Collected in Hong Kong". *J. Agric. Food Chem.* vol.51 pp.2619-2624. American Chemistry Society, 2003.
- <P038641> **DU Jiang; HE Zhendan; JIANG Renwang; YE Wen-cai; XU Hongxi and BUT Pui Hay Paul.** "Antiviral Flavonoids from the Root Bark of *Morus alba* L.". *Phytochemistry* vol.62 pp.1235-1238. Ireland: Elsevier Science, 2003.
- <P038894> **XIE Zuowei.** "Controlled Synthesis of Carbons-adjacent and -apart *nido*- and Arachno-carborane Anions and Their Metal Complexes". *Pure and Applied Chemistry* vol.75 no.9, pp.1335-1341. 2003.
- <P039254> **AO C. H.; LEE S. C. and YU Jimmy C.** "Photocatalyst TiO<sub>2</sub> Supported on Glass Fiber for Indoor Air Purification: Effect of NO on the Photodegradation of CO and NO<sub>2</sub>". *Journal of Photochemistry and Photobiology A: Chemistry* vol.156 pp.171-177. Elsevier Sciences B.V., 2003.03.
- <P039323> **WANG Quan - Ming; GUO Guo - Cong and MAK Thomas Chung Wai.** "Structural Varieties in Double Salts of Silver Acetylide Containing Ancillary Anions and Terminal Ligands". *Journal of Organometallic Chemistry* vol.670 pp.235-242. Elsevier Science B.V., 2003.
- <P039342> **YU Jimmy C.; JIANG Zitao; LIU Ho Yan; YU Jiaguo and ZHANG Lizhi.** "β-Cyclodextrin Epichlorohydrin Copolymer as a Solid-Phase Extraction Adsorbent for Aromatic Compounds in Water Samples". *Analytica Chimica Acta* vol.477 pp.93-101. Netherlands: Elsevier, 2003.01.
- <P039343> **YU Jimmy C.; WU Ling; LIN Jun; LI Pui Shan and LI Quan.** "Microemulsion-Mediated Solvothermal Synthesis of Nanosized CdS-Sensitized TiO<sub>2</sub> Crystalline Photocatalyst". *Chemical Communications* vol.13, pp.1552-1553. United Kingdom: The Royal Society of Chemistry, 2003.06.
- <P039644> **YU Jimmy C.; HO Wing Kei; LIN Jun; YIP H. Y. and WONG Po Keung.** "Photocatalytic Activity, Antibacterial Effect, and Photoinduced Hydrophilicity of TiO<sub>2</sub> Films Coated on a Stainless Steel Substrate". *Environmentla Science and Technology* vol.37 pp.2296-2301. New York: American Chemical Society, 2003.05.
- <P039853> **PENG Shu Fu and WU Chi.** "Influence of Initial Chain Conformation on the Formation of Mesoglobule Phase in a Dilute Heteropolymer Solution". *Polymer* vol.44 pp.1089-1093. United Kingdom: Elsevier Science Ltd, 2003.
- <P039935> **GRITSENKO A Vladimir; WONG Hei; KWOK Wai Man Raymund and XU Jianbin.** "Bonding and Band Offset in N<sub>2</sub>O-Grown Oxynitride". *Journal of Vacuum Science and Technology B* vol.21 no.1, pp.241-245. United States of America: American Vacuum Society, 2003.01.
- <P039997> **WANG Haiping; LI Hung Wing; HUANG Xin; LIN Zhenyang and XIE Zuowei.** "Synthesis, Structure, and Bonding of a Zirconocene-1,2-Dehydro-*o*-carborane Complex". *Angew. Chem. Int. Ed.* vol.42 pp.4347-4349. Germany: Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2003.

- <P973410> **KWONG Chi Yuen; CHAN Tze Lock; CHOW Hak Fun; LIN Shi Chun and LEUNG Man Kit.** "Synthesis and Characterization of Oligo(2,7-Biphenylenylene-(*E*)-Vinylene)s: Conjugated Oligomers Containing Antiaromatic 12- $\pi$  Electron Units". *Journal of the Chinese Chemical Society* Vol. 44 pp.211-224. Taipei: Chinese Chemical Society, 1997.
- <P985059> **CAO Xiao Ping; LI Xiao Hong; CHOW Hak Fun and LI Ying.** "Accelerated Approach to the Synthesis of Fluoriated Polyether Dendrimers". *Chinese Chemical Letters* Vol. 9 pp.809-812. Singapore: Spinger-Verlag Singapore Pte Ltd, 1998.
- <P991620> **CHOW Hak Fun; MONG Kwok Kong Tony; WAN Chi Wai and WANG Zhao Yang.** "Chiral Dendrimers". *Advances in Dendritic Macromolecules, Vol. IV* ed. by George R. Newkome. pp.107-133. Connecticut, United States of America: JAI Press Inc., 1999.

See Also <P022994>, <P029143>, <P032023>, <P034013>, <P034897>, <P035275>, <P035938>

- <P020630>張慶文、葉文才、趙守訓及車鎮濤. "Studies on Chemical Constituents of Cimicifuga Dahurica". 《中草藥》第33卷第8期, 頁683-685. 2002.07.25.
- <P021709>IP Siu Po; YANG Hui; SUN Han-dong and CHE Chun Tao. "Dihydroisotanshinone I Protects Against Menadione-Induced Toxicity in a Primary Culture of Rat Hepatocytes". *Planta Medica* vol.68 no.12, pp.1077-81. 2002.12.
- <P024496>YAU Ming Hon; CHE Chun Tao; LIANG Songming; KONG Yun Cheung and FONG Wing Ping. "An Aqueous Extract of Rubus Chingii Fruits Protects Primary Rat Hepatocytes Against Tert-Butyl Hydroperoxide Induced Oxidative Stress". *Life Sciences* vol.72 no.3, pp.329-338. United States of America: Elsevier Science Inc, 2002.12.06.
- <P024696>YANG Hui; HOU Ai-jun; MEI Shuang-xi; SUN Han-dong and CHE Chun Tao. "Constituents of Clerodendrum Bungei". *Journal of Asian Natural Products* vol.4 no.3, pp.165-9. 2002.09.
- <P024844>KO Kam-ming; POON Michel K. T.; IP Siu Po and WU Kim. "Protection against Carbon Tetrachloride Liver Toxicity by Enantiomers of Schisandrin B Associated with Differential Changes in Hepatic Glutathione Antioxidant System in Mice". *Pharmaceutical biology* vol.40 no.4, pp.298-301. 2002.
- <P033338>LI Ling-yun; CHEN Qiao-hong; ZHOU Xiao-li; CHEN Dong-lin; WANG Feng-pang and CHE Chun Tao. "New Norditerpenoid Alkaloids from Aconitum Hemsleyanum var. Leueanthus". *Journal of Natural Products* vol.66 no.2, pp.269-271. 2003.02.
- <P034426>劉欣、叶文才、車鎮濤及趙守訓. <瑞香狼毒的木脂素類成分研究。>. 《中國藥科大學學報》第34卷第2期, 頁116-118. 2003.
- <P039123>劉欣、叶文才、蕭文鸞、車鎮濤及趙守訓. <絞股藍的化學成分研究。>. 《中國藥科大學學報》第34卷第1期, 頁21-23. 2003.
- See Also <P022994>, <P023979>, <P027536>, <P029904>, <P031503>, <P032059>, <P034610>, <P033929>

- <P007446> **Z. CHEN; Q. DU and ZOU Jun.** "Finite Element Methods with Matching and Non-matching Meshes for Maxwell Equations with Discontinuous Coefficients". *SIAM Journal on Numerical Analysis* vol.37 no.5 pp.1542-1570. Society for Industrial and Applied Mathematics, 2000.
- <P021471> **NORBURY John; WEI Juncheng and WINTER Matthias.** "Existence and Stability of Singular Patterns in a Ginzburg–Landau Equation Coupled with a Mean Field". *Nonlinearity* vol.15 pp.2077-2096. Institute of Physics Publishing Ltd, 2002.
- <P021799> **XIN Zhouping and ZHANG Ping.** "On the Uniqueness and Large Time Behavior of the Weak Solutions to a Shallow Water Equation". *Communications in Partial Differential Equations* vol.27 no.9&10, pp.1815-1844. Marcel Dekker, Inc., 2002.
- <P021988> **FENG Dejun; LAU Ka Sing and WU Jun.** "Ergodic Limits on the Conformal Repellers". *Advances in Mathematics USA: Elsevier Science (USA)*, 2002.
- <P022302> **SHI Yuguang and TAM Luen Fai.** "Positive Mass Theorem and the Boundary Behaviors of Compact Manifolds with Nonnegative Scalar Curvature". *Journal of Differential Geometry* vol.62 no.1, pp.79-125. International Press, 2002.
- <P022636> **LAU Ka Sing and RAO Hui.** "On One-Dimensional Self-Similar Tilings and  $pq$ -Tiles". *Transactions of the American Mathematical Society* vol.355 no.4, pp.1401-1414. 2002.11.20.
- <P023414> **YIN Hong-ming; LI Ben Q. and ZOU Jun.** "A Degenerate Evolution System Modeling Bean's Critical-State Type-II Superconductors". *Discrete and Continuous Dynamical Systems* vol.8 no.3, pp.781-794. American Institute of Mathematical Sciences, 2002.07.
- <P023602> **CAI Xiao-chuan and ZOU Jun.** "Some Observations on the L2 Convergence of the Additive Schwarz Preconditioned GMRES Method". *Numerical Linear Algebra with applications* vol.9 pp.379-397. 2002.
- <P023621> **ANH Vo Van; LAU Ka Sing and YU Z. G.** "Recognition of An Organism from Fragments of Its Complete Genome". *Physical Review E (The American Physical Society)*. vol.66 no.031910, pp.1-9. 2002.
- <P024199> **HUANG Jianguo and ZOU Jun.** "A Mortar Element Method for Elliptic Problems with Discontinuous Coefficients". *IMA Journal of Numerical Analysis* vol.22 no.4, pp.549-576. Oxford University Press, 2002.
- <P024885> **XIN Zhouping.** "Analysis of Some Singular Solutions in Fluid Dynamics". *Proceedings of the ICM, 2002* pp.851-860. World Scientific, 2002.
- <P024890> **NI Lei; SHI Yuguang and TAM Luen Fai.** "Ricci Flatness of Asymptotically Locally Euclidean Metrics". *Transactions of the American Mathematical Society* vol.355 no.5, pp.1933-1959. United States of America: American Mathematical Society, 2002.12.18.
- <P024911> **CHOU Kai Seng and QU Chang Zheng.** "Integrable Equations and Motions of Plane Curves". Paper presented in the Symmetry in Nonlinear Mathematical Physics, Kiev 2001, 10 pgs. 2002.
- <P025055> **LAI King Fai and YEUNG Kit Ming.** "Rational Points in Flag Varieties over Function Fields". *Journal of Number Theory* vol.95 no.2, pp.142-149. United States of America: Academic Press Inc Elsevier Science, 2002.08.

- <P025223> **HUANG Jianguo and ZOU Jun.** "Construction of Explicit Extension Operators on General Finite Element Grids". *Applied Numerical Mathematics* vol.43 pp.211-227. 2002.
- <P025589> **ZOU Jun.** "Some New a Priori Estimates for Second Order Elliptic and Parabolic Interface Problems". *Journal of Differential Equations* vol.184 pp.570-586. 2002.
- <P025885> **HU Qiya and ZOU Jun.** "Two New Variants of Nonlinear Inexact Uzawa Algorithms for Saddle-Point Problems". *Numerische Mathematik* vol.93 no.2, pp.333-359. Springer-Verlag Heidelberg, 2002.
- <P025982> **WONG Chi Yan and CHAN Hon Fu Raymond.** "Pricing American-Style Options by Memory Reduction Monte Carlo Methods". Paper presented in The Fifth International Conference Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing (MCQMC 2002), National University of Singapore, Singapore, 2002.11.
- <P026107> **CHAN Hon Fu Raymond and Wai Ki Ching.** "A Direct Method for Stochastic Automata Networks". *AMS/IP Studies in Advanced Mathematics*. Proceedings of the IMS Workshop on Applied Probability vol.26 pp.1-15. American Mathematical Society and International Press, 2002.
- <P026223> **LEUNG Chi Wai and NG Chi Keung.** "Invariant Ideals of Twisted Crossed Products". *Mathematische Zeitschrift* vol.243 no.2, pp.409-421. Springer-Verlag Berlin Heidelberg New York, 2003.
- <P026300> **NG Kung Fu and Yang Wei Hong.** "Error Bounds for Abstract Linear Inequality Systems". *SIAM J. Optim.* vol.13 no.1 pp.24-43. Society for Industrial and Applied Mathematics, 2002.
- <P026729> **NG Kung Fu and LI Chong.** "On Best Approximation by Nonconvex Sets and Perturbation of Nonconvex Inequality Systems in Hilbert Spaces" *SIAM Journal on Optimization* vol.13 no.3 pp.726-744. Philadelphia, United States of America: SIAM Publications, 2002.11.14.
- <P026917> **FENG Dejun and LAU Ka Sing.** "The Pressure Function for Products of Non-Negative Matrices". *Mathematical Research Letters* vol.9 pp.363-378. 2002.
- <P027067> **NG Kung Fu and ZHENG Xiyin.** "Existence of Efficient Points in Vector Optimization and Generalized Bishop–Phelps Theorem". *Kluwer Academic Publishers* vol.115 no.1, pp.29-47. United States of America, 2002.10.
- <P027517> **CHAN Hon Fu Raymond; Andy M. Yip and Michael K. Ng.** "The Best Circulant Preconditioners for Hermitian Toeplitz Systems". *SIAM J. Numer. Anal.* vol.38 no.3 pp.876-896. Society for Industrial and Applied Mathematics, 2002.
- <P027781> **WEI Juncheng and WINTER Matthias.** "Critical Threshold and Stability of Cluster Solutions for Large Reaction-Diffusion Systems in  $R^1$ ". *SIAM Journal on Mathematical Analysis* vol.33 no.5, pp.1058-1089. Society for Industrial and Applied Mathematics, 2002.
- <P028392> **WARD Michael J. and WEI Juncheng.** "The Existence and Stability of Asymmetric Spike Patterns for the Schnakenberg Model". *Studies in Applied Mathematics* vol.109 no.3, pp.229 - 264. Blackwell Publishing, 2002.
- <P028437> **CHAN Hon Fu Raymond; Xiao-Qing Jin and TAM Yue-Hung.** "Strang-Type Preconditioners for Solving Systems of Odes by Boundary Value Methods". *Electron. J. Math. Phys. Sci.* vol.1 no.1 pp.14-46. EJMAPS, 2002.08.22.

- <P028438> **CHAN Hon Fu Raymond; Daniel Potts and Gabriele Steidl.** "Preconditioners for Nondefinite Hermitian Toeplitz Systems". *SIAM J. Matrix Anal. Appl.* vol.22 no.3 pp.647-665. Society for Industrial and Applied Mathematics, 2002.
- <P028777> **CHAN Hon Fu Raymond; Yue-Kuen Kwok; David Yao and Qiang Zhang. ed.** "*Applied Probability Proceedings of an IMS Workshop on Applied Probability*". The Institute of Mathematical Sciences, Chinese University of Hong Kong, HK, China vol.26 148 pgs. USA: American Mathematical Society, International Press, 2002.
- <P029259> **YU Z. G.; ANH Vo Van and LAU Ka Sing.** "Hausdorff Dimension of Random Fractals with Overlaps". *Bulletin of the Australian Mathematical Society* vol.65 pp.315-328. 2002.
- <P029313> **KIRAT Ibrahim and LAU Ka Sing.** "On the Connectedness and Classification of Self-Affine Tiles". *Proceedings of an International Conference on Wavelet Analysis and Its Applications* ed. by S.-T. Yau. pp.193-206. USA: American Mathematical Society and International Press, 2002.
- <P029939> **CHAN Hon Fu Raymond; F.R. Lin and CHAN C.F.** "A Fast Solver for Fredholm Equations of the Second Kind with Weakly Singular Kernels". *J. Numer. Math.* vol.10 no.1 pp.13-36. VSP, 2002.
- <P030055> **X. Ren and J. Wei.** "Triblock Copolymer Theory: Ordered ABC Lamellar Phase". *Journal of Nonlinear Science* vol.13 no.2, pp.175-208. Springer-Verlag New York, 2003.04.
- <P030794> **CHOU Kai Seng and QU Changzheng.** "Motions of Curves in Similarity Geometries and Burgers-mKdV Hierarchies". *Chaos, Solitons and Fractals* vol.19 pp.47-53. 2003.
- <P030834> **ZUO Kang and VIEHWEG Eckart.** "On the Brody hyperbolicity of moduli spaces for canonically polarized manifolds". *Duke Mathematical Journal* vol.118 no.1, pp.103-150. 2003.
- <P031008> **RADJAVI Heydar; TAM Ping Kwan and TAN Kok-keong.** "A Perturbation Characterization of Compactness of Self-adjoint Operators". *Studia Mathematica* vol.158 no.3, pp.199-205. 2003.
- <P031445> **GUO Ben Yu and ZOU Jun.** "Fourier Spectral Projection Method and Nonlinear Convergence Analysis for Navier-Stokes Equations". *Journal of Mathematical Analysis and Applications* vol.282 pp.766-791. Academic Press Inc Elsevier Science, 2003.04.
- <P031778> **J.A. Leach and J.C. Wei.** "Pattern Formation in a Simple Chemical System with General Orders of Autocatalysis and Decay. I. Stability Analysis". *Physica D: Nonlinear Phenomena* vol.180 no.3-4, pp.185-209. Elsevier Science B.V., 2003.06.15.
- <P031888> **CIARLET P., Jr.;; HUANG Jianguo and ZOU Jun.** "Some Observations on Generalized Saddle-Point Problems". *SIAM Journal on Matrix Analysis and Application* vol.25 no.1, pp.224-236. United States of America: SIAM, 2003.
- <P031927> **REN Xiaofeng and WEI Juncheng.** "Concentrically Layered Energy Equilibria Of The Di-Block Copolymer Problem". *European Journal of Applied Mathematics* vol.13 no.5, pp.479-496. Cambridge University Press, 2003.
- <P032004> **DEL PINO Manuel; KOWALCZYK Michal and WEI Juncheng.** "Multi-Bump Ground States of the Gierer-Meinhardt System in  $\mathbb{R}^2$ ". *Ann. I. H. Poincare* vol.20 no.1, pp.53-85. Elsevier SAS, 2003.
- <P032898> **CHUNG Eric T. and ZOU Jun.** "The Eigenvalues and Eigenspaces of Some Discrete Div- and Curl-Related Operators". *SIAM Journal on Matrix Analysis and Application* vol.24 no.4,

- pp.1149-1160. United States of America, 2003.
- <P033000> **HUANG Xiaojun; LUK Hing Sun and YAU Stephen S. T.** "Punctured Local Holomorphic de Rham Cohomology". *J. Math. Soc. Japan* vol.55 no.3, pp.633-640. 2003.
- <P033020> **BERESTYCKI Henri and WEI Juncheng.** "**On Singular Perturbation Problems with Robin Boundary Condition**". *Ann. Scuola Norm. Sup. Pisa Cl. Sci. Serie V.* vol.II no.1, pp.199-230. 2003.
- <P033303> **REN Xiaofeng and WEI Juncheng.** "On Energy Minimizers of the Diblock Copolymer Problem". *Interfaces and Free Boundaries* vol.5 no.2, pp.193-238. European Mathematical Society, 2003.04.
- <P033860> **TANG Tao; TENG Zhen-huan and XIN Zhouping. trans.** "Fractional Rate of Convergence for Viscous Approximation to Nonconvex Conservation Laws". *SIAM Journal on Mathematical Analysis* vol.35 no.1, pp.98-122. 2003.
- <P034476> **REN Xiaofeng and WEI Juncheng.** "Triblock Copolymer Theory: Free Energy, Disordered Phase and Weak Segregation". *Physica D* vol.178 no.1-2, pp.103-117. Elsevier Science B.V., 2003.04.01.
- <P034505> **WEI Juncheng and WINTER Matthias.** "Asymmetric Spotty Patterns for the Gray-Scott Model in  $R^2$ ". *Studies in Applied Mathematics* vol.110 no.1, pp.63-102. United Kingdom: Blackwell Publishing, 2003.01.
- <P034642> **LIN Chang-shou and WEI Juncheng.** "Locating the Peaks of Solutions via the Maximum Principle II: A local Version of the Method of Moving Planes". *Communications on Pure and Applied Mathematics* vol.56 no.6, pp.784-809. Wiley Periodicals, Inc., 2003.06.
- <P034848> **WARD M. J. and J. Wei.** "Hopf Bifurcations and Oscillatory Instabilities of Spike Solutions for the One-Dimensional Gierer-Meinhardt Model". *Journal of Nonlinear Science* vol.13 no.2, pp.209-264. Springer-Verlag New York, 2003.04.
- <P035198> **LI Leong-kwan and YEUNG Kit Ming.** "Discrete-Time Recurrent Neural Networks and Trajectory Approximation". *International Journal of Applied Mathematics* vol.13 no.1, pp.23-33. Academic Publications, 2003.
- <P035560> **CHOU Kai Seng.** "A Blow-up Criterion for the Curve Shortening Flow by Surface Diffusion". *Hokkaido Mathematical Journal* vol.32 no.1, pp.1-19. Japan, 2003.02.
- <P035991> **NG Kung Fu and ZHENG Xi Yin.** "Global Weak Sharp Minima on Banach Spaces". *SIAM Journal on Control and Optimization* vol.41 no.6, pp.1868-1885. 2003.
- <P036085> **YU Zu-guo; AHN Vo; LAU Ka Sing and CHU Ka Hou.** "The Genomic Tree of Living Organisms Based on a Fractal Model". *Physics Letters A* vol.317 pp.293-302. Elsevier, 2003.
- <P037420> **AU Kwok Keung Thomas and WAN Yau Heng Tom.** "Analysis on an ODE Arisen from Studying the Shape of a Red Blood Cell". *Journal of Mathematical Analysis and Applications* vol.282 no.1, pp.279-295. 2003.
- <P038025> **TAM Ping Kwan; RADJAVI Heydar and TAN Kok-keong.** "Mean ergodicity for compact operators". *Studia Mathematica* vol.158 no.3, pp.207-217. 2003.
- <P038246> **SUN Xiaotao; TAN Sheng-li and ZUO Kang.** "Families of K3 Surfaces over Curves Reaching the Analytic Rank Three Upper Bound and Modularity". *Mathematical Research Letters*

- Arakelov-Yau Type Upper Bounds and Modularity". *Mathematical Research Letters* vol.10 pp.323-342. International Press, 2003.
- <P038948> **WEI Juncheng and WINTER Matthias.** "Existence and Stability of Multiple-spot Solutions for the Gray–Scott Model in  $R^2$ ". *Physica D: Nonlinear Phenomena* vol.176 no.3-4, pp.147-180. Elsevier Sciences B.V., 2003.03.01.
- <P039284> **NI Lei and TAM Luen Fai.** "Plurisubharmonic Functions and the Kähler-Ricci Flow". *American Journal of Mathematics* vol.125 no.3, pp.623-654. The Johns Hopkins University Press, 2003.06.
- <P039734> **CHUNG Eric T.; DU Qiang and ZOU Jun.** "Convergence Analysis of a Finite Volume Method for Maxwell's Equations in Nonhomogeneous Media". *SIAM Journal on Numerical Analysis* vol.41 no.1, pp.37-63. United States of America: Society for Industrial and Applied Mathematics, 2003.
- <P876577> **ZOU Jun.** "A New Fast Solver- Monotone MG Method (MMG)". *Journal of Computational Mathematics* vol.5 pp.325-335. 1987.
- <P909051> **HUANG Hong-ci and ZOU Jun.** "A Posteriori Error Estimates for the h-p Version of the Finite Element Method for 1-D Problem". *Math. Numer. Sinica* vol.12 pp.302-317. 1990.
- <P924086> **HUANG Hong-ci and ZOU Jun.** "Algebraic Subproblem Decomposition Methods and Parallel Algorithms with Monotone Convergence". *Journal of Computational Mathematics* vol.10 pp.47-59. Beijing, 1992.
- <P924778> **HOFFMANN K. H. and ZOU Jun.** "Parallel Algorithms of Schwarz Variant for the Variational Inequalities". *Numerical Functional Analysis and Optimization* vol.13 pp.449-462. 1992.
- <P931403> **HOFFMANN K. H. and ZOU Jun.** "Parallel Efficiency of Domain Decomposition Methods". *Parallel Computing* vol.19 pp.1375-1391. 1993.
- <P948834> **CHAN Tony F. and ZOU Jun.** "Additive Schwarz Domain Decomposition Methods for Elliptic Problems on Unstructured Meshes". *Numerical Algorithms* vol.8 pp.329-346. 1994.
- <P951258> **Yeung, Man-Chung and CHAN Hon Fu Raymond.** "A Note on the Besov Space  $B_2^{1/2}$ ". *Southeast Asian Bulletin of Mathematics* vol.19 no.1 pp.75-80. China., 1995.
- <P952622> **ZOU Jun.** "Finite Element Approximation for Nonlinear Systems Describing Multi-component Phase Transitions with Dissipation". *Journal of Intelligent Material Systems and Structures* vol.6 no.1, pp.38-48. USA, 1995.
- <P953173> **Hoffmann, K.H. and ZOU Jun.** "Finite Element Approximations of Landau-Ginzburg's Equation Model for Structural Phase Transitions in Shape Memory Alloys". *RAIRO Mathematical Modelling and Numerical Analysis* vol.29 no.6 pp.629-655. France, 1995.
- <P962655> **CHAN Tony F. and ZOU Jun.** "A Convergence Theory of Multilevel Additive Schwarz Methods on Unstructured Meshes". *Numerical Algorithms* vol.13 pp.365-398. 1996.
- <P978790> **CIARLET Patrick and ZOU Jun.** "Finite Element Convergence for the Darwin Model to Maxwell's Equations". *RAIRO Math. Modelling Numer. Anal.* vol.31 no.2, pp.213-250. France, 1997.

- <P979412> **HOFFMANN K. H. and ZOU Jun.** "Finite Element Analysis on the Lawrence-Doniach Model for Layered Superconductors". *Numerical Functional Analysis and Optimization* vol.18 no.5&6, pp.567-589. 1997.
- <P986554> **CHENG Xiao-liang; HUANG Hong-ci and ZOU Jun.** "Quadrilateral Finite Elements for Planar Linear Elasticity Problem with Large Lamé Constant". *Journal of Computational Mathematics* vol.16 no.4, pp.357-366. Beijing, 1998.
- <P987696> **CHEN Zhiming and ZOU Jun.** "Finite Element Methods and Their Convergence for Elliptic and Parabolic Interface Problems". *Numerische Mathematik* vol.79 pp.175-202. Germany, 1998.
- <P988010> **K. Kunisch and ZOU Jun.** "Iterative Choices Of Regularization Parameters in Linear Inverse Problems". *Inverse Problems* vol.14 pp.1247-1264. 1998.
- <P988377> **KEUNG Yee Lo and ZOU Jun.** "Numerical Identifications of Parameters in Parabolic Systems". *Inverse Problems* vol.14 pp.83-100. Institute of Physics Publishing Ltd, 1998.
- <P996481> **H.T. BANKS and ZOU Jun.** "Regularity and Approximation of Systems Arising in Electromagnetic Interrogation of Dielectric Material". *Numer. Funct. Anal. Optimiz.* vol.20 no.7&8 pp.609-627. Marcel Dekker Inc., 1999.
- <P997452> **Z. LI; D. WANG and ZOU Jun.** "Theoretical and Numerical Analysis on a Thermo-elastic System with Discontinuities". *J. Comput. Appl. Math.* vol.92 pp.37-58. Elsevier Science B.V., 1998.
- <P997859> **CHAN T.; GO S. and ZOU Jun.** "Boundary Treatments for Multilevel Methods on Unstructured Meshes". *SIAM Journal on Scientific Computing* vol.21 no.1 pp.46-66. Society for Industrial and Applied Mathematics, 1999.
- <P999203> **P. Ciarlet and ZOU Jun.** "Fully Discrete Finite Element Approaches for Time-dependent Maxwell's Equations". *Numerische Mathematik* vol.82 pp.193-219. Springer-Verlag, 1999.
- <P999783> **CHEN Z. and ZOU Jun.** "An Augmented Lagrangian Method for Identifying Discontinuous Parameters In Elliptic Systems". *SIAM Journal on Control and Optimization* vol.37 no.3 pp.892-910. Society for Industrial and Applied Mathematics, 1999.

See Also <P998761>

- <P012768> **YU Kin Wah.** "Computer Simulation of Electrorheological Fluids in the Dipole-Induced Dipole Model". Paper presented in the 11th International Conference on the Discrete Simulation of Fluid Dynamics and Soft Condensed Matter. Shanghai, China, 2002.08.
- <P012984> **HUANG Jiping; YU Kin Wah and GU Guoqing.** "Electrorotation Spectrum of Colloidal Suspensions". Paper presented in the 11th International Conference on the Discrete Simulation of Fluid Dynamics and Soft Condensed Matter. Shanghai, China, 2002.08.
- <P013010> **DONG Lei; HUANG Jiping and YU Kin Wah.** "Dielectrophoresis of Two Touching Spherical Particles". Paper presented in the 11th International Conference on the Discrete Simulation of Fluid Dynamics and Soft Condensed Matter. Shanghai, China, 2002.08.
- <P020447> **LEE T. K.; SHIH C. T.; CHEN Y. C. and LIN Hai Qing.** "Comment on "Superconductivity in the Two-dimensional  $t$ -J Model"". *Physical Review Letters* vol.89 no.27, art. no. 279702 (1 page). United States of America: The American Physical Society, 2002.12.30.
- <P020546> **LO Yam Kuen Dennis; SHANGGUAN Cheng; KOCHETOV Igor and NAPARTOVICH Anatoly.** "Experimental and Numerical Studies on Xe<sup>2+</sup> VUV Emission in Fast Electric Discharge Afterglow". Abstracts of the 55th Gaseous Electronics Conference, p.71. Minneapolis, United States of America, 2002.10.15.
- <P020549> **CHU Wing Shan; TONG Shiu Sing Dominic and HUI Pak Ming.** "Tryouts of Contextual Approach to Physics Teaching in Hong Kong". *Science & Technology Education Conference 2002 Proceedings*, pp.273-282. Hong Kong SAR: Hong Kong Institute of Education, 2002.12.
- <P020689> **YU Kin Wah and WONG Chiu Tai Andrew.** "Heterogeneous Aggregation in Binary Colloids". Paper presented in the "Advances in Simulations of Molecules and Materials" CCP5 Annual Meeting 2002. United Kingdom, 2002.09.
- <P020856> **CHAN Sung Chun; IP Kit Man and TONG Shiu Sing Dominic.** "An Example of Contextual Theme for Physics Teaching: Road and Car Safety Design". *Science & Technology Education Conference 2002 Proceedings* pp.324-329. Hong Kong SAR: Hong Kong Institute of Education, 2002.12.
- <P021111> **GU G. Q.; YU Kin Wah and HUI Pak Ming.** "Relaxation Theory for Dynamic Electrorheological Effect". *International Journal of Modern Physics B* vol.16, pp.2597-2602. Singapore: World Scientific Publishing Company, 2002.07.20.
- <P021175> **ZHOU C. S.; AN X. Q.; XIA Keqing; YIN X. L. and SHEN W. G..** "Turbidity Measurements and Amplitude Scaling of Critical Solutions of Polystyrene in Methylcyclohexane". *Journal of Chemical Physics* vol.117 no.9, pp.4557-4563. USA: American Institute of Physics, 2002.09.01.
- <P021248> **LO Yam Kuen Dennis.** <中國古陶瓷之科學鑑証> (in Japanese). 《人民中國》第 589 期頁 34-35. 2002.07.
- <P021446> **QUAN Hongjun; WANG Bing-Hong and HUI Pak Ming.** "Effects of Imitation in a Competing and Evolving Population". *Physica A* vol.312, pp.619-626. The Netherlands: Elsevier Science B.V., 2002.09.15.
- <P022027> **LIN Hai Qing; SHEN J. L. and SHIK Hoi Yin.** "Exactly Soluble Quantum Spin Models on a Double Layer: The Net Spin Model". *Physical Review B* vol.66, art. no. 184402 (6 pages). United States of America: The American Physical Society, 2002.11.04.
- <P022391> **WONG Chiu Tai Andrew and YU Kin Wah.** "Heterogeneous Aggregation in Binary Colloidal Alloys". *Physica A* vol.312 nos.1-2, pp.50-58. Netherlands: Elsevier Science B.V., 2002.09.01.

- <P022488> **TONG Shiu Sing Dominic.** "Contextual Physics in Ocean Park (<http://www.hk-phy.org/oceanpark/>)". Jointly developed by Department of Physics, CUHK and the Education and Manpower Bureau. 2002.10.
- <P022702> **LAM Sio Kuan; LO Yam Kuen Dennis; ZHENG C. E.; YUAN C. L.; SHANGGUAN C.; YANG T. L. and KOCHETOV I. V.** "Parametric Study of Xe<sub>2</sub>\* Dimer in High-Pressure Electrical Discharges". *Applied Physics B: Lasers and Optics* vol.75, pp.723-730. Germany: Springer, 2002.12.
- <P022779> **TIAN Guang-shan and LIN Hai Qing.** "Bifurcation of Ground States and Ferrimagnetic Long-range Order in Anisotropic Mixed-spin Systems". *Physical Review B* vol.66, art. no. 224408 (6 pages). United States of America: The American Physical Society, 2002.12.16.
- <P023197> **HUI Yuen Yung; WONG Ka Wai and LAU Leo Woon Ming.** "Quantitative Study of Ion Bombardment Induced Phase Transformation of Cubic Boron Nitride by Reflective Electron Energy-loss Spectroscopy". *Journal of Vacuum Science & Technology A* vol.20 no.5, pp.1774-1778. United States of America: American Vacuum Society, 2002.09.
- <P023389> **ZHANG P. X.; LEE Wing Kee and ZHANG G. Y.** "Time Dependence of Laser-induced Thermoelectric Voltages in La<sub>1-x</sub>Ca<sub>x</sub>MnO<sub>3</sub> and YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> Thin Films". *Applied Physics Letters* vol.81 no.21, pp.4026-4028. United States of America: American Institute of Physics, 2002.11.18.
- <P023413> **HUANG Jiping; YU Kin Wah and GU Guoqing.** "Electrorotation of Colloidal Suspensions". *Physics Letters A* vol.300 nos.4-5, pp.385-391. Netherlands: Elsevier Science B.V., 2002.08.05.
- <P023445> **WANG Xinqiang; YANG Shuren; YANG Xiaotian; LIU Dan; ZHANG Yuantao; WANG Jinzhong; YIN Jingzhi; LIU Dali; ONG Hock Chun Daniel and DU Guotong.** "ZnO Thin Film Grown on Silicon by Metal-organic Chemical Vapor Deposition". *Journal of Crystal Growth* vol.243 no.1, pp.13-18. Netherlands: Elsevier Science B.V., 2002.08.
- <P02432> **YU Kin Wah.** "Dielectric Behaviors of Corrugated Membranes". Paper presented in the TH2002 Conference. Paris, France, 2002.07.
- <P024558> **CHAN M. A.; LAM Sio Kuan and LO Yam Kuen Dennis.** "Characterization of Erythrosin B-Doped Sol-Gel Materials for Oxygen Sensing in Aqueous Solutions". *Journal of Fluorescence* vol.12 nos.3/4, pp.327-332. Plenum Publishing Corporation, 2002.12.
- <P024880> **WANG Xinqiang; DU Guotong; GU Changzhi; JIA Jikui; LI Xianjie; YAN Fawang; ONG Hock Chun Daniel; LIU Dali and YANG Shuren.** "Two-step Growth of ZnO Thin Films on Diamond/Si by Low-pressure Metal-organic Chemical Vapour Deposition". *Journal of Physics D: Applied Physics* vol.35 no.16, pp.L74-L76. United Kingdom: IOP Publishing Ltd, 2002.08.06.
- <P024982> **ONG Hock Chun Daniel and DAI J. Y.** "Structural and Optical Properties of Wurtzite Mg<sub>x</sub>Zn<sub>1-x</sub>S (0 ≤ x ≤ 0.25) Films Grown on (0001) Al<sub>2</sub>O<sub>3</sub> by Pulsed-laser Deposition". *Applied Physics Letters* vol.81 no.8, pp.1444-1446. United States of America: American Institute of Physics, 2002.08.19.
- <P025010> **NG K. L. and KUI Hin Wing.** "Formation of Large Nanostructured Pd<sub>82</sub>Si<sub>18</sub> Alloy Rods". *Philosophical Magazine B* vol.82 no.17, pp.1777-1784. Taylor & Francis Ltd, 2002.11.20.

- <P025809> **HUANG Jiping; YU Kin Wah; LEI Jun and SUN Hong.** "Spectral Representation Theory for Dielectric Behavior of Nonspherical Cell Suspensions". *Communications in Theoretical Physics* vol.38 no.1, pp.113-120. Beijing, China: International Academic Publishers, 2002.07.15.
- <P026067> **ZHOU Shengqi and XIA Keqing.** "High-order Temperature Structure Functions in Turbulent Thermal Convection". *Bulletin of the American Physical Society Program of the 55th Annual Meeting of the Division of Fluid Dynamics* vol.47, p.54. Dallas, Texas, United States of America: American Physical Society, 2002.11.
- <P026089> **PU X. Y.; ZHANG S.; CHAN Chiu Wah and LEE Wing Kee.** "Lasing Features of Dye-doped Pendant Drops Added with Polymer Particles: Spectral Blueshift and Intensity Enhancement". *Chinese Physics* vol.11 pp.1179-1183. China: Chinese Physical Society, 2002.11.
- <P026098> **GONG C. D.; CHEN X. J. and LIN Hai Qing.** "Pressure Effect on Critical Temperature of Hole-Doped Cuprates Superconductors". *OCPA 2000: Proceedings of the Third Joint Meeting of Chinese Physicists Worldwide* pp.140-142. Singapore: World Scientific, 2002.
- <P026321> **ZHANG Y. Z.; WU C. Q. and LIN Hai Qing.** "Bond Order Wave and Energy Gap in a One-dimensional Bond-charge Attraction Model". *Physical Review B* vol.66, art. no. 035115 (5 pages). United States of America: The American Physical Society, 2002.07.26.
- <P026327> **LAW Chi Kwong; LEUNG Pui Tang and CHU Ming Chung.** "Quantum Fluctuations of Coupled Dark Solutions in a Trapped Bose-Einstein Condensate". *Journal of Physics B* vol.35, pp.3583-3590. United Kingdom: IOP Publishing, 2002.08.12.
- <P02637> **LIN Zhiping; CAO Yongjun; LIU Youyan and HUI Pak Ming.** "Electronic Transport Properties of Sierpinski Lattices in a Magnetic Field". *Physical Review B* vol.66, art. no. 045311 (4 pages). USA: The American Physical Society, 2002.07.15.
- <P026460> **ONG Hock Chun Daniel; DAI J. Y. and DU G. T.** "Studies of Electronic Structure of ZnO Grain Boundary and Its Proximity by Using Spatially Resolved Electron Energy Loss Spectroscopy". *Applied Physics Letters* vol.81 no.2, pp.277-279. USA: American Institute of Physics, 2002.07.08.
- <P026722> **FAN W.; GONG X. G. and LAU Leo Woon Ming.** "Instability of an Atomic Chain Arising from Lattice Misfit". *Physical Review B* vol.66 no.11, art. no. 115418 (5 pages). United States of America: The American Physical Society, 2002.09.15.
- <P026864> **LO Yam Kuen Dennis; SHI Lei; WANG Jun; ZHANG Guoxuan and ZHU Xiaolei.** "Zirconia and Zirconia-organically Modified Silicate Distributed Feedback Waveguide Lasers Tunable in the Visible". *Applied Physics Letters* vol.81 no.15, pp.2707-2709. United States of America: American Institute of Physics, 2002.10.07.
- <P026975> **LIN Hai Qing.** "Computational Many-Body Physics and Parallel Computation in Hong Kong". *OCPA 2000: Proceedings of the Third Joint Meeting of Chinese Physicists Worldwide* pp.151-153. Singapore: World Scientific, 2002.
- <P02745> **YU Peng; DENG Chengji and NG Hang Leung Dickon.** "Formation of Alumina Reinforced Al-Ni Intermetallic-Based Matrix Composite by Displacement Reaction". *Proceedings of the 9th International Conference on Composites Engineering*, pp.881-882. San Diego, California: University of New Orleans, 2002.07.
- <P027659> **GU Ying; YU Kin Wah and YANG Z. R.** "Fluctuations and Scaling of Inverse Participation Ratios in Random Binary Resonant Composites". *Physical Review B* vol.66 no.1, art. no. 012202 (4 pages). United States of America: The American Physical Society, 2002.07.01.

- <P02798> **ZHENG Dafang; RODGERS G. J. and HUI Pak Ming.** "A Model for the Size Distribution of Customer Groups and Businesses". *Physica A* vol.310, pp.480-486. The Netherlands: Elsevier Science B.V., 2002.07.15.
- <P028508> **LAW Chi Kwong; LEUNG Pui Tang and CHU Ming Chung.** "Dynamic Depletion in a Bose-Einstein Condensate via a Sudden Increase of the Scattering Length". *Physical Review A* vol.66, art. no. 033605 (4 pages). USA: The American Physical Society, 2002.09.16.
- <P02854> **LEE Kuen; HUI Pak Ming; MAO Dan; WANG Bing-Hong and WU Qing-Song.** "Fukui-Ishibashi Traffic Flow Models with Anticipation of Movement of the Car Ahead". *Journal of the Physical Society of Japan* vol.71, pp.1651-1654. Japan: The Physical Society of Japan, 2002.07.
- <P028677> **XIA Keqing and ZHOU Shengqi.** "Plume Statistics in Thermal Turbulence". *Bulletin of the American Physical Society: Program of the 55th Annual Meeting of the Division of Fluid Dynamics*, p.54. Dallas, Texas, United States of America: The American Physical Society, 2002.11.
- <P029504> **ZHOU Shengqi and XIA Keqing.** "Plume Statistics in Thermal Turbulence: Mixing of an Active Scalar". *Physical Review Letters* vol.89 no.18, art. no. 184502 (4 pages). United States of America: The American Physical Society, 2002.10.28.
- <P029753> **LEUNG Pui Tang; NG Sheung Wah; PANG Kam Moon and LEE Kai Ming.** "Morphology-dependent Resonances in Dielectric Spheres with Many Tiny Inclusions". *Optics Letters* vol.27 no.20, pp.1749-1751. United States of America: Optical Society of America, 2002.10.15.
- <P029998> **CHING Shuk Chi Emily; COHEN Y.; GILBERT T. and PROCACCIA I.** "Statistically Preserved Structures and Anomalous Scaling in Turbulent Active Scalar Advection". *Europhysics Letters* vol.60 no.3, pp.369-375. France: EDP Sciences, 2002.11.01.
- <P030196> **SHI Lei; ZHANG Guoxuan; WANG Jun and LO Yam Kuen Dennis.** "Distributed Feedback Laser Action in Sol-Gel Glass Symmetric Waveguides". *Journal of Optics A: Pure and Applied Optics* vol.5 no.2, pp.L1-L4. United Kingdom: Institute of Physics Publishing, 2003.03.
- <P030538> **CHEN T.W. and LEUNG Pui Tang.** "Effect of Collision Dephasing on Atomic Evolutions in a High- $Q$  Cavity". *Physical Review A* vol.67 no.5, art. no. 055802 (4 pages). United States of America: The American Physical Society, 2003.05.27.
- <P030636> **YU Kin Wah.** "AC Electrokinetic Phenomena of Charged Colloidal Suspensions". Paper presented in the International Workshop on Proteomics: Protein Structure, Function and Interactions, organized by Abdus Salam ICTP. Trieste, Italy, 2003.05.
- <P030645> **TAM Hak Fui and YU Kin Wah.** "Green's Function of a Periodic Interface by Bergman-Milton Theory". Paper presented in the March Meeting of American Physical Society, organized by American Physical Society. Austin, United States of America, 2003.03.
- <P030653> **BETTS D. D.; LEE Kwok San and LIN Hai Qing.** "Exact Diagonalization of the  $S = 1/2$  XY Ferromagnet on a New Set of Finite Triangular Lattices at  $T = 0$ ". *Canadian Journal of Physics* vol.81 no.3, pp.555-571. Canada: National Research Council of Canada, 2003.03.
- <P030780> **HUANG Jiping; YU Kin Wah and GU Guoqing.** "Electrorotation of Colloidal Suspensions". *International Journal of Modern Physics B* vol.17 nos.1-2, pp.221-225. Singapore: World Scientific Publishing Company, 2003.01.20.

- <P031057>**DONG Lei; HUANG Jiping; YU Kin Wah and GU Guoqing.** "Dielectrophoresis of Graded Microparticles in Suspensions". Paper presented in the March Meeting of American Physical Society, organized by American Physical Society. Austin, United States of America, 2003.03.
- <P031990>**WANG B. H.; MAO D.; WANG L. and HUI Pak Ming.** "Spacing-oriented Analytical Approach to a Middle Traffic Flow CA Model Between FI-type and NS-type". *Proceedings of Traffic and Granular Flow '01*, ed. by M. Fukui et al., pp.51-63. Berlin, Germany: Springer-Verlag, 2003.
- <P032117>**HUANG Jiping; YU Kin Wah; GU Guoqing and KARTTUNEN M.** "Electrorotation in Graded Colloidal Suspensions". *Physical Review E* vol.67, art. no. 051405 (5 pages). United States of America: The American Physical Society, 2003.05.19.
- <P032277>**WANG Jun; ZHANG Guoxuan; SHI Lei; LO Yam Kuen Dennis and ZHU Xiao-lei.** "Tunable Multiwavelength Distributed-Feedback Zirconia Waveguide Lasers". *Optics Letters* vol.28 no.2, pp.90-92. United States of America: Optical Society of America, 2003.01.15.
- <P032551>**FANG Zhilai; LUI Ka Man Raymond; LAU Leo Woon Ming; MAKARENKO B. and RABALAIS J. W.** "Temperature Dependence in Time-of-flight Ion Scattering Spectra of LiTaO<sub>3</sub> (000 $\bar{1}$ ) and Surface Charge Compensation of Pyroelectric Changes". *Journal of Vacuum Science & Technology A* vol.21 no.1, pp.127-133. United States of America: American Vacuum Society, 2003.01.
- <P032580>**LO Yam Kuen Dennis; YE Chao and WANG Jun.** "Distributed Feedback Laser Action by Polarization Modulation". *Applied Physics B* vol.76 no.6, pp.649-653. United States of America: Springer-Verlag, 2003.05.22.
- <P033125>**GAO Lei; HUANG Jiping and YU Kin Wah.** "Theory of AC Electrokinetic Behavior of Spheroidal Cell Suspensions with an Intrinsic Dispersion". *Physical Review E* vol.67 no.2, art. no. 021910 (10 pages). United States of America: The American Physical Society, 2003.02.24.
- <P033148>**ZHANG Y. Z.; WU C. Q. and LIN Hai Qing.** "Inducement of Bond-order Wave Due to Electron Correlation in One Dimension". *Physical Review B* vol.67 no.20, art. no. 205109 (4 pages). United States of America: The American Physical Society, 2003.05.28.
- <P033460>**MAKHOV V. N.; KHAIDUKOV N. M.; LO Yam Kuen Dennis; KIRM M. and ZIMMERER G.** "Spectroscopic Properties of Pr<sup>3+</sup> Luminescence in Complex Fluoride Crystals". *Journal of Luminescence* (Proceedings of the 2002 International Conference on Luminescence and Optical Spectroscopy of Condensed Matter) vols.102-103, pp.638-643. Netherlands: Elsevier Science B.V., 2003.05.
- <P033498>**WANG Y. Q.; TIAN G. S. and LIN Hai Qing.** "Néel Order in a Spatially Anisotropic Heisenberg Antiferromagnet". *Physical Review B* vol.67, art. no. 064408 (7 pages). United States of America: The American Physical Society, 2003.02.07.
- <P033521>**HUI Cho Hoi; LO Chi Fai and TSANG Shun Wai.** "Pricing Corporate Bonds with Dynamic Default Barriers". *Journal of Risk* vol.5 no.3, pp.17-37. United Kingdom, 2003.
- <P033647>**HUANG Jiping; GAO Lei and YU Kin Wah.** "Nonlinear Alternating Current Response of Colloidal Suspension with an Intrinsic Dispersion". *Journal of Applied Physics* vol.93 no.5, pp.2871-2875. United States of America: American Institute of Physics, 2003.03.01.

- <P034013> **YU Weijian; LAU Leo Woon Ming; CHAN Siu Pang; LIU Zhifeng and ZHENG Q. Q.** "Ab Initio Study of Phase Transformations in Boron Nitride". *Physical Review B* vol.67, art. no. 014108 (9 pages). United States of America: The American Physical Society, 2003.01.27.
- <P034161> **CHING Shuk Chi Emily; CHOY Ting Pong and CHUI Ka Wing.** "Extended Self-Similarity and the Most Intense Velocity Structures in Turbulent Rayleigh-Bénard Convection". *Modern Physics Letters B* vol.17 no.4, pp.131-139. Singapore: World Scientific Publishing Company, 2003.02.20.
- <P034303> **CHING Shuk Chi Emily; COHEN Yoram; GILBERT Thomas and PROCACCIA Itamar.** "Active and Passive Fields in Turbulent Transport: The Role of Statistically Preserved Structures". *Physical Review E* vol.67 no.1, art. no. 016304 (12 pages). United States of America: The American Physical Society, 2003.01.15.
- <P034365> **HUANG Jiping; KARTTUNEN Mikko; YU Kin Wah and DONG Lei.** "Dielectrophoresis of Charged Colloidal Suspensions". *Physical Review E* vol.67 no.2, art. no. 021403 (7 pages). United States of America: The American Physical Society, 2003.02.18.
- <P034465> **LO Chi Fai; LEE Hon Chor and HUI C. H.** "A Simple Approach for Pricing Barrier Options with Time-dependent Parameters". *Quantitative Finance* vol.3 no.2, pp.98-107. United Kingdom: IOP Publishing Ltd, 2003.03.12.
- <P034638> **YU Kin Wah.** "Computer Simulations of ER Fluids in DID Model". *International Journal of Modern Physics B* vol.17 nos.1-2, pp.83-88. Singapore: World Scientific Publishing Company, 2003.01.20.
- <P034831> **HUANG Jiping and YU Kin Wah.** "Dielectric Behavior of Oblate Spheroidal Particles: Application to Erythrocytes Suspensions". *Communication of Theoretical Physics* vol.39 no.4, pp.506-512. Beijing, China: International Academic Publishers, 2003.04.15.
- <P034937> **EBERLY J. H.; CHAN K. W. and LAW Chi Kwong.** "Control of Entanglement and the High-entanglement Limit". *Philosophical Transactions: Mathematical, Physical & Engineering Sciences* vol.361, pp.1519-1526. United Kingdom: The Royal Society, 2003.06.02.
- <P035127> **ZHENG Dafang; TRIMPER Steffen; ZHENG Bo and HUI Pak Ming.** "Weighted Scale-free Networks with Stochastic Weight Assignments". *Physical Review E* vol.67 no.4, art. no. 040102 (4 pages). United States of America: The American Physical Society, 2003.04.25.
- <P035185> **LEE Kuen; HUI Pak Ming and JOHNSON N. F.** "The Minority Game with Different Payoff Functions: Crowd-anticrowd Theory". *Physica A* vol.321, pp.309-317. Netherlands: Elsevier Science B.V., 2003.04.01.
- <P035218> **YU Kin Wah.** "Electrorotation of Dense Colloidal Suspensions". Paper presented in the Electrostatics 2003 Conference, organized by Heriot-Watt University. Edinburgh, Scotland, 2003.03.
- <P035297> **ZHANG Y. Z.; LIN Hai Qing and WU C. Q.** "Bond Order Wave and Energy Gap in a 1D SSH-Hubbard Model of Conjugated Polymers". *Synthetic Metals* vol.135, pp.449-450. Switzerland: Elsevier Science B.V., 2003.04.04.
- <P035333> **KOO K. M.; YAU M. Y.; NG Hang Leung Dickon and LO C. C. H.** "Characterization of Pearlite Grains in Plain Carbon Steel by Barkhausen Emission". *Materials Science and Engineering A* vol.351, pp.310-315. Elsevier Science B.V., 2003.06.25.
- <P035337> **ZHANG Y. Z.; WU C. Q. and LIN Hai Qing.** "DMRG Study of a 1D Ionic SSH-Hubbard Model for Charge-transfer Salt". *Synthetic Metals* vol.135, pp.703-704. Switzerland: Elsevier Science B.V., 2003.04.04.

- <P035437> **YANG Xiaotian; DU Guotong; WANG Xinqiang; WANG Jinzhong; LIU Boyang; ZHANG Yuantao; LIU Dan; LIU Dali; ONG Hock Chun Daniel and YANG Shuren.** "Effect of Post-thermal Annealing on Properties of ZnO Thin Film Grown on c-Al<sub>2</sub>O<sub>3</sub> by Metal-organic Chemical Vapor Deposition". *Journal of Crystal Growth* vol.252 no.1-3, pp.275-278. Netherlands: Elsevier Science B.V., 2003.05.
- <P035478> **TONG Shiu Sing Dominic and WONG Wing Hung.** "Contextual Physics (<http://www.hk-phy.org/contextual/> or <http://resources.emb.gov.hk/cphysics/>)". Jointly developed by Department of Physics, CUHK and the Education and Manpower Bureau. 2003.06.
- <P035649> **WONG Chiu Tai Andrew and YU Kin Wah.** "Computer Simulation of Electrorheological Suspensions in Rotating Fields". Paper presented in the March Meeting of American Physical Society, organized by American Physical Society. Austin, United States of America, 2003.03.
- <P035660> **HUI C. H.; LO Chi Fai and LEE Hon Chor.** "Pricing Vulnerable Black-Scholes Options with Dynamic Default Barriers". *The Journal of Derivatives* vol.10 no.4, pp.62-69. United States of America, 2003.05.
- <P035677> **WANG Jinjun and XIA Keqing.** "Spatial Variations of the Mean and Statistical Quantities in the Thermal Boundary Layers of Turbulent Convection". *The European Physical Journal B* vol.32, pp.127-136. Germany: Springer-Verlag, 2003.03.14.
- <P037077> **SUN Hua and YU Kin Wah.** "Ground State of a Polydisperse Electrorheological Solid: Beyond the Dipole Approximation". *Physical Review E* vol.67 no.1, art. no. 011506 (9 pages). United States of America: The American Physical Society, 2003.01.28.
- <P037100> **LI Quan and WANG Chunrui.** "Fabrication of Zn/ZnS Nanocable Heterostructures by Thermal Reduction/Sulfidation". *Applied Physics Letters* vol.82 no.9, pp.1398-1400. United States of America: American Institute of Physics, 2003.03.03.
- <P037123> **WANG J. L.; ZENG Z.; ZHENG Q. Q. and LIN Hai Qing.** "Electronic Structure of Heavy Fermion Superconductor CeMIn<sub>5</sub> (M=Co,Rh,Ir)". *Journal of Applied Physics* vol.93 no.10, pp.6891-6893. United States of America: American Institute of Physics, 2003.05.15.
- <P037473> **TIAN G. S. and LIN Hai Qing.** "Excited-state Level Crossing and Quantum Phase Transition in One-Dimensional Correlated Fermion Models". *Physical Review B* vol.67, art. no. 245105 (4 Pages). United States of America: The American Physical Society, 2003.06.13.
- <P037706> **CHENG Kai Ming; LEUNG Pui Tang and PANG Chun Sing.** "Exactness of Supersymmetric WKB Method for Translational Shape Invariant Potentials". *Journal of Physics A: Mathematical and General* vol.36, pp.5045-5060. United Kingdom: Institute of Physics Publishing, 2003.04.23.
- <P037811> **QUAN Hong-jun; WANG Bing-hong; HUI Pak Ming and LUO Xiao-shu.** "Self-segregation and Enhanced Cooperation in an Evolving Population Through Local Information Transmission". *Physica A* vol.321, pp.300-308. Netherlands: Elsevier Science B.V., 2003.04.01.
- <P037868> **HUI C. H.; LO Chi Fai and HUANG Ming Xi.** "Estimation of Default Probability by Three-factor Structural Model". *Proceedings of the 2003 IEEE International Conference on Computational Intelligence for Financial Engineering*, pp.9-15. Hong Kong SAR: IEEE, 2003.
- <P037990> **HUANG Jiping; KARTTUNEN M.; YU Kin Wah and DONG Lei.** "Electrokinetic Phenomena and Dielectrophoresis in Charged Colloidal Suspensions". Paper presented in the March Meeting of American Physical Society, organized by American Physical Society. Austin, United States of America, 2003.03.

- <P038184>**ZHU Xiaolei and LO Yam Kuen Dennis.** "High Order Operation of Distributed Feedback Dye-doped Sol-gel Silica Laser". *Chinese Optics Letters* vol.1 no.2, pp.99-101. Beijing, China: Science in China Press, 2003.02.20.
- <P038832>**NG Hang Leung Dickon and YU Peng.** "The Microstructure and Mechanical Properties of the Calf Bone Before and After Baking". *中國田野考古報告集*, 第 69 號, pp.662-665. 北京, 中國: 文物出版社, 2003.
- <P039176>**EBERLY J. H.; CHAN K. W. and LAW Chi Kwong.** "Spontaneous-noise Entanglement and Photon Wave Functions". *Chaos, Solitons & Fractals* vol.16 no.3, pp.399-402. Elsevier Science Ltd., 2003.04.
- <P039191>**YIP Kin Fung; HUI Pak Ming; LO T. S. and JOHNSON N. F.** "Efficient Resource Distribution in a Minority Game with a Biased Pool of Strategies". *Physica A* vol.321, pp.318-324. Netherlands: Elsevier Science B.V., 2003.04.01.
- <P039444>**SHANG Xiaodong; QIU Xinliang; TONG P. and XIA Keqing.** "Measured Local Heat Transport in Turbulent Rayleigh-Bénard Convection". *Physical Review Letters* vol.90 no.7, art. no. 074501 (4 pages). United States of America: The American Physical Society, 2003.02.21.
- <P039449>**DONG Lei; GU Guoqing and YU Kin Wah.** "First-principles Approach to Dielectric Response of Graded Spherical Particles". *Physical Review B* vol.67 no.22, art. no. 224205 (5 pages). United States of America: The American Physical Society, 2003.06.24.
- <P039785>**LO Chi Fai.** "Lie Algebraic Approach for Fokker-Planck Dynamics with Space-dependent Diffusion and Mean-reverting Drift". *The European Physical Journal B* vol.32 no.4, pp.503-505. Springer-Verlag, 2003.04.24.
- <P039920>**NG Chi Yung; CHENG Kwong Sang and CHU Ming Chung.** "Cooling Properties of Cloudy Bag Strange Stars". *Astroparticle Physics* vol.19 pp.171-192. Netherlands: Elsevier, 2003.04.
- <P998761>**SUN Chang-Pu; YOUNG Kenneth and ZOU Jun.** "Numerical Algorithms for the Determination of the Potential of a Conservative System from Its Normal Mode Spectra". *Journal of Physics A: Mathematical and General* vol.32 pp.3833-3849. IOP Publishing Ltd., 1999.

See Also <P028197>, <P034269>, <P036384>, <P039343>

- <P021058> **CHAN Ngai Hang and Genovese C.R.** "A Comparison of Linear and Nonlinear Statistical Techniques in Performance Attribution". *IEEE Transactions on Neural Networks* vol.12 pp.922-928. USA: IEEE, 2002.07.15.
- <P021900> **SONG Xinyuan and LEE Sik Yum.** "Bayesian Estimation and Model Selection of Multivariate Linear Model with Polytomous Variables". *Multivariate Behavioral Research* vol.37 no.4, pp.453-477. 2002.
- <P023052> **SONG Xinyuan and LEE Sik Yum.** "A Bayesian Approach for Multigroup Nonlinear Factor Analysis". *Structural Equation Modeling* vol.9 no.4, pp.523-553. USA, 2002.
- <P023117> **POON Wai Yin and CHAN Wai.** "Influence Analysis of Ranking Data". *Psychometrika* vol.67 no.3, pp.421-436. USA: The Psychometric Society, 2002.09.
- <P023272> **LEE Sik Yum; ZHANG Wen Yang and SONG Xinyuan.** "Estimating the Covariance Function with Functional Data". *British Journal of Mathematical and Statistical Psychology* vol.55 pp. 247-261. United Kingdom, 2002.08.
- <P023819> **LI Kim Hung and CHAN Nai N.** "Lp-Optimality for Regression Designs under Correlations". *Statistica Sinica* ed. by H. C. Ho and J. L. Wang. vol.12 pp.1015-1026. Taiwan: Institute of Statistical Science, Academia Sinica, Taipei and International Chinese Statistical Association, 2002.10.
- <P025312> **SONG Xinyuan and LEE Sik Yum.** "A Bayesian Model Selection Method with Applications". *Computational Statistics and Data Analysis* vol.40 pp.539-557. Elsevier, 2002.
- <P027913> **POON Wai Yin and TANG Fung-chu.** "Multisample Analysis of Multivariate Ordinal Categorical Variables". *Multivariate Behavioral Research* vol.37 pp.479-500. USA: Lawrence Erlbaum Associates, Inc., 2002.
- <P028667> **POON Wai Yin; LEUNG Kwok and LEE Sik Yum.** "The Comparison of Single Item Constructs by Relative Mean and Relative Variance". *Organizational Research Methods* vol.5 no.3 pp.275-298. Sage Publications, 2002.07.
- <P029702> **POON Wai Yin and NG Sau Chun.** "Identification of Influential Cells in the Analysis of Ordinal Square Tables". *British Journal of Mathematical and Statistical Psychology* vol.55 pp.231-246. United Kingdom: The British Psychological Society, 2002.
- <P030867> **FAN Jianqing; YAO Qiwei and CAI Zongwu.** "Adaptive Varying-coefficient Linear Models". *Journal of Royal Statistical Society B* vol.65 pp.57-80. 2003.01.
- <P031056> **LEE Sik Yum; SONG Xin Yuan and LEE Chi Kin John.** "Maximum Likelihood Estimation of Nonlinear Structural Equation Models with Ignorable Missing Data". *Journal of Educational and Behavioral Statistics* vol.28 pp.111-134. Washington, DC: American Educational Research Association, 2003.
- <P031537> **LEE Sik Yum and SONG Xinyuan.** "Bayesian Model Selection for Mixtures of Structural Equation Models with an Unknown Number of Components". *British Journal of Mathematical and Statistical Psychology* vol.56 pp.145-165. United Kingdom, 2003.
- <P032588> **POON Wai Yin; TANG Man Lai and WANG Shu Jia.** "Influence Measures in Contingency Tables with Application in Sampling Zeros". *Sociological Methods and Research* vol.31 pp.439-452. USA: Sage Publications, 2003.05.

- <P033129> **WONG Hoi Ying and KWOK Yuen Kuen.** "Sub-replication and Replenishing Premium: Efficient Pricing of Multi-state Lookbacks". *Review of Derivatives Research* pp.83-106. 2003.
- <P034832> **BASAK Gopal; CHAN Ngai Hang and LEE Philip.** "Order Selection of Continuous Time Models: Applications to Estimations of Risk Premiums". Paper presented in the Proceedings of 2003 IEEE International Conference on Computational Intelligence for Financial Engineering (*CIFEr2003*), pp.293-300. IEEE Neural Networks Society, INNS, IEE, EPS, 2003.03.
- <P035183> **SONG Xinyuan and LEE Sik Yum.** "Full Maximum Likelihood Estimation of Polychoric and Polyserial Correlations with Missing Data". *Multivariate Behavioral Research* vol.38 no.1, pp.57-79. 2003.
- <P035327> **LEE Sik Yum and SONG Xinyuan.** "Model Comparison of Nonlinear Latent Variables Models with Fixed Covariates". *Psychometrika* vol.68 no.1, pp.27-47. USA, 2003.
- <P036050> **LEUNG Chi Ying.** "The Effect of Across-location Heteroscedasticity on the Classification of Mixed Categorical and Continuous Data". *Journal of Multivariate Analysis* vol.84 no.2, p.369-386. 2003.02.
- <P036930> **LEUNG Pui Lam William; LI Chi Yin and LAU Kin Nam.** "Cluster Analysis using Unidimensional Scaling". *Advances in Data Mining and Modeling* ed. by Wai-Ki Ching and Michael Kwok-Po Ng. pp.40-47. Hong Kong SAR: World Scientific, 2003.04.15.
- <P037130> **LEE Sik Yum and XU Liang.** "Case-Deletion Diagnostics for Factor Analysis Models with Continuous and Ordinal Categorical Data". *Sociological Methods and Research* vol.31 no.3, pp.389-419. 2003.02.
- <P037562> **FAN Jianqing and ZHANG Chunming.** "A Reexamination of Diffusion Estimations with Applications to Financial Model Validation". *Journal of American Statistical Association* vol.98 no.1, pp.118-134. United States of America, 2003.03.
- <P037777> **BROCKWELL Anthony; CHAN Ngai Hang and LEE Philip.** "A Class of Models for Aggregated Traffic Volume Time Series". *Journal of Royal Statistical Society (C)* vol.52 pp.417-430. 2003.
- <P038453> **FAN Jianqing and GU Juan.** "Data-analytic Approaches to the Estimation of Value-at-risk". *2003 International Conference on Computational Intelligence for Financial Engineering* pp.271-277. United States of America, 2003.03.
- <P921241> **CHEUNG Siu Hung and Holland, Burt.** "Extension of Dunnett's Multiple Comparison Procedure With Differing Sample Sizes to the Case of Several Groups". *Computational Statistics and Data Analysis* vol.14 pp.165-182. 1992.

See Also <P021548>, <P023926>, <P026087>, <P032691>