报告 21

大数据背景下的我国食品安全管理之路

Food Safety Management of China Based on Big Data

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讲者介绍 Biography

王海燕，女，1968 年生，2003 获南京理工大学管理科学与工程专业博士学位，2006 年中国社会科学院工业经济研究所国家产学研联合培养博士后出站。现任南京财经大学管理科学与工程学院院长，二级教授，兼江苏省质量安全工程研究院执行院长。国际质量科学研究院副院士、美国质量学会 ASQ 会员、全国专业标准化技术委员会委员、中国质量协会学会委员会委员、江苏省现场统计研究会副理事长、中国质量奖评选委员、新疆维吾尔自治区人民政府质量顾问。主要研究领域为质量链管理、质量可靠性、质量控制、质量决策理论、技术以及标准等。近年来，致力于产品质量安全相关理论与技术的研究，围绕烟、酒、食品等涉及到国计民生行业的产品质量安全评价问题，从产品质量、技术和标准等进行了多层次的研究，提出了一系列评价产品质量的谱学算法和利用多谱融合谱图库构建产品质量安全评价数据库的思路，在此基础上，与食品质量链协同理论结合，构建技术经济管理一体化的管控理念与路径，将经济学、管理学、化学、仪器科学等多学科交叉融合，现开发基于食品质量安全信息的大数据应用云平台，实现技术计量、聚类分析、网络图谱可视化、政策绩效量化评估等，来提高科学研究的定性与定量分析水平，保证研究结果的科学性和合理性。目前，已带领团队成功申请国家科技部重大仪器仪表专项、科技部国际合作项目、国家自科基金重点、面上等国家级纵向课题 50 余项，省部级及各类地方、企业类项目 100 余项，发表各类学术论文 60 余篇，其中 SCI 收录 20 余篇、EI 收录 10 篇、CSSCI 收录 10 篇，获发明专利 10 余项。软件著作权 10 余项，组织出版包括质量工程学、质量管理学、质量经济学三个系列等在内的 11 本教材和专著，其中 1 本教材入选工信部十二五规划教材。

Haiyan Wang was born in 1968, who has gained doctor’s degree of management science and engineering in Nanjing University of Science and Technology in 2003 and a training-joint postdoctoral degree from Institute of Industrial Economics of Cass and China Research Alliance in 2006.She is the current president of the college of management science and engineering in Nanjing University Of Finance & Economics and executive president of the Jiangsu Province Institution of Quality & Safety Engineering along with the title of 2nd Class Full Professor. She is also the vice president of International Quality Academy of Sciences, a member of American Society for Quality (ASQ),a committee member of National Standardization Technical Committee,a committee member of China association for Quality Committee of Society, the vice president association for Applied Statistics in Jiangsu Province, a member of the panel of judges of China Quality Award and the quality advisers of government of Xinjiang. She’s current research areas are quality chain management, the reliability of quality, quality control, decision theory, technology and standards of quality. In recent years, Professor Wang has committed to studying the theories and technology related to quality safety. She has focused on the multilevel study of the quality, technology and standard of products, which based on problems of the evaluation of product quality and safety on tobacco, alcohol and food, which involved in the people’s livelihood industries. In addition, she raised a series of genealogy algorithm of evaluating product quality and the idea of creating the evaluation of product quality and safety databases by using multi-spectral fusion chart gallery. What’s more, she came up with the control concept and path of implement the integration of technology, economy and management combined with food quality chain synergy theory, which gained the interdisciplinary integration of economics, management science, chemistry, instrumentation science. She has also developed application of big data cloud platform based on the information of food quality and safety, which has realized technology measure, cluster analysis, network pattern visualization, quantitativeevaluation of policyperformance,which has been used to improve the level of qualitative and quantitative analysis of scientific study and guarantee the rationality of findings. Currently, Professor Wang and her teammates had succeeded in studying more than 50 national vertical subject including National Ministry of Science and Technology major instrumentation projects,Ministry of Science and Technology International cooperation projects,National Natural Science Foundation oprojects and so on. The team has obtained over 100 provincial and local, enterprise class projects and published over 60 all kinds of academic papers which include 20 articles in SCI,10 articles in EI,10 articles in CSSCI and obtained over 10 invention patents. She has over 10 software copyright and has organized the publishment of 11 text books and monographs including quality engineering,quality management,quality of economics,one of those has been selected in the twelfth five years planning materials of Ministry of Industry and Information Technology.