



个人简介

汇贤学者讲习教授，博导，国家督学，原华东理工大学副校长，“十一五”国家863计划资源环境技术领域专家及“十二五”国家863计划资源领域主题专家，2013-2017年教育部高等学校化工类专业教学指导委员会副主任，国务院学位委员会化学工程与技术学科评议组成员、上海市化学化工学会副理事长、上海市发明协会会长等。主要从事卤水资源综合利用和大宗工业废弃物资源化研究。先后承担国家重点研发计划、国家自然科学基金、863计划、科技支撑等国家和省部级课题40余项。获国家科技进步二等奖2项、省部级一等奖4项、二等奖2项。发表学术论文300余篇，公开或授权国家发明专利80余项。荣获国家环境保护专业技术领军人才、上海市科技精英、中国化工学会侯德榜科技成就奖等荣誉称号。

学历：

1978-1982：学士，华东理工大学，无机化工专业

1985-1988：硕士，华东理工大学，无机化工专业

1993-1998：博士，华东理工大学、波尔图大学联合培养，化学工程专业

工作经历：

1982-1985：助教，天津科技大学海洋学院

1988-1998：助教、讲师、副教授，华东理工大学化工学院

1998-至今：教授，华东理工大学资源环境学院

研究方向

(1) 卤水资源分离技术开发及高盐废水处理处置

(2) 大宗工业固体废弃物资源化利用

研究成果及主要发表文章

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- (2) Xingfu Wang, Xiaosong Li, Shijun Wang, Jianguo Yu, Kangmin Xie, Jizhong Hai, Xingfu Song, Yuchua Feng, Huilin Li, Shengfu Liu, Jinyi Zhu, Baocheng Yan, Shumin Li, Hongbin Tian, Yuanhai Zhao. The State Science and Technology Advancement Award, Second Class Prize, 2015.
- (3) Jianguo Yu, Xingfu Song, Xiaosong Li, Guimin Lu, Kangmin Xie, Shuying Sun, Huilin Li, Jin Wang, Gousheng Liu, Shijun Wang, Ze Sun, Qinhui Zhang. Shanghai Science and Technology Advancement Award, First Class Prize, 2011
- (4) Liangbin Li, Xiaoxiong Xu, Jianguo Yu, Xuewu Huang, Guimin Lu, Yucheng Li, Xingfu Song, Qingsheng Li, Yanming Cui, Ze Sun, Jianping Chen, Xiaoyong Dai, Jinrong Wang, Min Lu, Weiqing Tang. Industrial Science and Technology Award of China Non-Ferrous Metals Industry Association, First Class Prize, 2019
- (5) Jian-Guo Yu, Qin-Hui Zhang, Shu-Ying Sun, Shao-Peng Li, Xian-Sheng Yin. Nanocrystals: Properties, Preparation and Applications (Synthesis, Characterization and Properties of Nanoxide Lithium Ion-Sieves), NOVA Science publishers, NY, 2010
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- (10) Junxiang Ye, Yanxia Xu*, Xingfu Song, Jianguo Yu*. Novel Conical Section Design for Ultra-Fine Particles Classification by a Hydrocyclone. Chemical Engineering Research and Design, 2019, 144, 135-149.
- (11) Chunhua Dong, Xingfu Song*, Yunzhao Li, Chenglin Liu, Hang Chen, Jianguo Yu*. Impurity Ions Effect on CO₂ Mineralization via Coupled Reaction-Extraction-Crystallization Process of CaCl₂ Waste Liquids, Journal of CO₂ Utilization, 2018, 27, 115-128.
- (12) Chunhua Dong, Xingfu Song, Jie Zhang, Dongfan Liu, Evert Jan Meijer, Jianguo Yu*. Thermodynamics and Kinetics Analysis of Thermal Dissociation of Tri-n-octylamine Hydrochloride in Open System: A DFT and TGA study, Thermochimica Acta, 2018, 670, 35-43.
- (13) Chunhua Dong, Xingfu Song, Jie Zhang, Evert Jan Meijer, Hang Chen, Jianguo Yu*. Insight into Thermal Dissociation of Tri-n-octylamine Hydrochloride: The Key to Realizing CO₂ Mineralization with Waste Calcium/Magnesium Chloride Liquids, Energy Science and Engineering, 2018, 6(5), 437-447.
- (14) Youfa Jiang, Chenglin Liu*, Jin Xue, Ping Li, Jianguo Yu*. Insights into the Polymorphic Transformation Mechanism of Aluminum Hydroxide during Carbonation of Potassium Aluminate Solution, Crystengcomm, 2018, 20, 1431-1442.
- (15) Jie Zhang, Xiaqing Zhou, Chunhua Dong, Yuzhu Sun*, Jianguo Yu*. Investigation of amorphous calcium carbonate's s formation under high concentration of magnesium: The prenucleation cluster pathway, Journal of Crystal Growth, 2018, 494, 8-16.
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- (17) Li-Po He, Shu-Ying Sun*, Jian-Guo Yu*. Performance of LiNi_{1/3}Co_{1/3}Mn_{1/3}O₂ prepared from spent lithium-ion batteries by a carbonate co-precipitation method, Ceramics International, 2018, 44(1), 351-357.
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- (20) Li-Po He, Shu-Ying Sun*, Yan-Yu Mu, Jian-guo Yu*. Recovery of lithium, nickel, cobalt, and manganese from spent lithium-ion batteries using L-tartaric acid as a leachant, ACS Sustainable Chemistry & Engineering, 2017, 5(1), 714-721.
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