

	姓 名	严金龙	职 称	教 授
	出生年月	1971.02	政治面貌	党 员
	研究方向	污染生态学	办公地点	3J2A 400
	电 话	88298801	邮 箱	yjlyt@ycit.cn

### 受教育经历

2007.9-2011.6, 南京农业大学, 生态学, 博士  
 2007.11-2008.1, University of Waterloo, 课题组访问  
 1995.8-1998.7, 中国科学院成都有机化学研究所, 分析化学, 硕士  
 1989.8-1993.7, 吉林大学, 分析化学, 学士

### 参加工作经历

2010.7 - 至今, 盐城工学院, 环境学院, 教 授  
 1998.8-2010.6, 盐城工学院, 化生学院, 副教授

### 荣誉称号与获奖情况

中国化学会会员、中国环境科学学会会员、盐城市亭湖区第九届、第十届人大代表；  
 江苏省高校“青蓝工程”优秀教学团队负责人、江苏省高校“青蓝工程”优秀青年骨干教师、江苏省“六大人才高峰”资助对象、江苏省高校优秀共产党员。

### 教育教学改革项目与成果

#### 【教改项目】

1. 地方本科高校“园区+高校”地校协同育人机制研究, 江苏省教育厅, 共同负责人, 结题
2. 地方高校环境工程研究生创新能力培养模式研究与实践, 江苏省教育厅, 主持人, 在研
3. 江苏省高校沿海生态环境监测与污染控制工程实践教育中心, 江苏省教育厅, 负责人
4. 江苏省“十二五”重点专业, 江苏省教育厅, 负责人
5. “执业三面向、能力三层次、培养三贴近”的“333”人才培养模式, 盐城工学院, 主持人
6. 基于 OBE 理念的环境工程专业人才培养体系构建与实践, 盐城工学院校级教学成果一等奖

#### 【出版教材】

严金龙, 潘梅, 杨百忍, 全桂香. 《环境监测实验与实训》, “十二五”江苏省高等学校重点教材, 化学工业出版社

#### 【教改论文】

1. 杨百忍, 严金龙. “卓越计划”背景下环境工程专业英语教学改革, 大学教育, 2014.01
2. 杨百忍, 严金龙. “卓越计划”背景下的环境工程课程设计教学改革, 产业科技论坛, 2015.01
3. 杨百忍, 严金龙. 基于专业认证的大学生执业能力培养路径探索——以盐城工学院环境工程专业为例, 大学教育, 2017.01
4. 杨百忍, 严金龙. 基于专业认证的环境工程专业综合改革与实践, 教育现代化, 2016.09
5. 潘梅, 严金龙, 杨百忍. 环境化学课程体系改革与实践, 广东化工, 2013
6. 潘梅, 严金龙, 陈天明, 杨百忍. 基于“OBE”理念的环境工程专业实验课程改革与建设, 教育教学论坛, 2018.01

### 科学研究项目与论文、专利成果

#### 【科研项目】

1. 国家自然科学基金面上项目, 21677119, 生物炭的田间老化及其水溶性产物对重金属的络合与垂向共运移机制, 2017.01-2020.12, 65 万元, 在研, 主持
2. 江苏省环保科研课题, 201026、电镀废水污泥资源化利用及安全处置技术与装备, 2010.11-2012.10, 30 万元, 已结题, 主持
3. 国家科技富民强县专项行动计划项目, BN2010077, 啤酒糟微生物制剂发酵技术研发及产业化, 2010.04-2012.04, 24 万元, 已结题, 主持
4. 江苏省高校自然科学基金基础研究面上项目, 08KJB210002, 盐城沿海滩涂湿地土壤碳存储与分布特征, 2008.01-2010.12, 3 万元, 已结题, 主持
5. 国家自然科学基金青年科学基金项目, 20607018, 典型有机氯化物在人工芦苇湿地中的运移过程与机制, 2007.01-2007.12, 10 万元, 已结题, 参加

### 【发表论文】

1. Jin, JX (Jin, Jianxiang); Xiao, B (Xiao, Bo); **Yan, JL (Yan, Jinlong)**; Liu, BZ (Liu, Benzhi). Electrocatalytic Oxidation and Determination of Nitrite at Multi-Walled Carbon Nanotubes Modified Electrode, *JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY*, **2019**, 19(4): 2124-2129
2. Li, L (Li, Lei); Sun, L (Sun, Lin); Cang, H (Cang, Hui); Chu, W (Chu, Wei); Shao, JL (Shao, Jingling); **Yan, JL (Yan, Jinlong)\***. Silica-assisted mesoporous Co@Carbon nanoplates derived from ZIF-67 crystals and their enhanced catalytic activity, *JOURNAL OF SOLID STATE CHEMISTRY*, **2018**, 267: 134-139
3. Han, Xiangyun; Zhang, Xi; Zhang, Lei; Pan, Mei; **Yan, Jinlong**. Benzothiazole heterogeneous photodegradation in nano  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>/oxalate system under UV light irradiation, *Royal Society Open Science*, **2018**
4. Qinya Fan, Jianxiong Sun, Lei Chu, Liqiang Cui, Guixiang Quan, **Jinlong Yan\***, Qaiser Hussain, Muhammad Iqbal. Effects of chemical oxidation on surface oxygen-containing functional groups and adsorption behavior of biochar, *Chemosphere* 207 (**2018**) 33-40
5. Liu, Benzhi; Liu, Guangqing; Xiao, Bo; **Yan, Jinlong\***. Molecularly imprinted electrochemical sensor for the determination of sulfamethoxazole, *Journal of New Materials for Electrochemical Systems*, **2018**, 21(2), 77-80.
6. Quan, GX (Quan, Guixiang); Kong, LJ (Kong, Lijuan); Lan, YQ (Lan, Yeqing); Yan, JL (**Yan, Jinlong\***); Gao, B (Gao, Bin). Removal of acid orange 7 by surfactant-modified iron nanoparticle supported on palygorskite: Reactivity and mechanism, *APPLIED CLAY SCIENCE*, FEB **2018**, 152, 173-182, 10.1016/j.clay.2017.11.011
7. Pan, M (Pan, Mei); Yan, JL (**Yan, Jinlong**); Ding, C (Ding, Cheng); Ma, WX (Ma, Weixing); Jin, JX (Jin, Jianxiang); Yuan, Y (Yuan, Ye); Chen, YX (Chen, Yuxi). Study on the Mass Transfer Enhancement in Biofilms Applied in Papermaking Wastewater Treatment, *BIORESOURCES*, **2018**, 13, 299-312, 10.15376/biores.13.1.299-312
8. Quan, GX (Quan, Guixiang); Wang, H (Wang, Hui); Zhu, F (Zhu, Fan); Yan, JL (**Yan, Jinlong\***). Porous Biomass Carbon Coated with SiO<sub>2</sub> as High Performance Electrodes for Capacitive Deionization, *BIORESOURCES*, **2018**, 13, 437-449, 10.15376/biores.13.1.437-449
9. Li, L (Li, Lei); Chu, W (Chu, Wei); Ding, C (Ding, Cheng); Xi, XG (Xi, Xinguo); Jiang, RY (Jiang, Ruiyu); Yan, JL (**Yan, Jinlong\***). Embedded MoN@C nanocomposites as an advanced catalyst for ammonia decomposition to CO<sub>x</sub>-free hydrogen, *INTERNATIONAL JOURNAL OF HYDROGEN ENERGY*, DEC 28 2017, 42, 30630-30638, 10.1016/j.ijhydene.2017.10.174
10. Li, L (Li, Lei); Meng, QQ (Meng, Qiangqiang); Ji, WJ (Ji, Weijie); Shao, JL (Shao, Jingling); Xu, Q (Xu, Qi); Yan, JL (**Yan, Jinlong\***). Embedded iron nanoparticles by graphitized carbon as highly active yet stable catalyst for ammonia decomposition, *MOLECULAR CATALYSIS*, DEC 2017, 442, 147-153, 10.1016/j.mcat.2017.09.013
11. Li, LM (Li, Luming); Jing, FL (Jing, Fangli); Yan, JL (**Yan, Jinlong**); Jing, J (Jing, Jiang); Chu, W (Chu, Wei). Highly effective self-propagating synthesis of CeO<sub>2</sub>-doped MnO<sub>2</sub> catalysts for toluene catalytic combustion,

- CATALYSIS TODAY*, NOV 15 2017, 297 SI, 167-172, 10.1016/j.cattod.2017.04.053
12. Luo, T (Luo, Ting); Ye, L (Ye, Li); Ding, C (Ding, Cheng); Yan, JL (**Yan, Jinlong**); Jing, CY (Jing, Chuanyong). Reduction of adsorbed As(V) on nano-TiO<sub>2</sub> by sulfate-reducing bacteria, *SCIENCE OF THE TOTAL ENVIRONMENT*, NOV 15 2017, 598, 839-846, 10.1016/j.scitotenv.2017.04.157
  13. Quan, GX (Quan, Guixiang); Zhao, HL (Zhao, Hongliang); Yan, JL (**Yan, Jinlong**)\*. Degradation of Congo red by integration of supported nanoscale zero-valent iron with photo-catalytic oxidation, *DESALINATION AND WATER TREATMENT*, 82, 114-120, 10.5004/dwt.2017.20944
  14. Li, L (Li, Lei); Jiang, RY (Jiang, Ruiyu); Chu, W (Chu, Wei); Cang, H (Cang, Hui); Chen, HW (Chen, Huawei); Yan, JL (**Yan, Jinlong**)\*. Cobalt nanoparticles embedded in a porous carbon matrix as an efficient catalyst for ammonia decomposition, *CATALYSIS SCIENCE & TECHNOLOGY*, MAR 21 2017, 7, 1363-1371, 10.1039/c7cy00086c
  15. Cui, LQ (Cui, Liqiang); Chen, TM (Chen, Tianming); Quan, GX (Quan, Guixiang); Xiao, B (Xiao, Bo); Ma, YR (Ma, Yurong); Pan, M (Pan, Mei); Liu, Y (Liu, Yang); Liu, BZ (Liu, Benzhi); Yin, CT (Yin, Chuntao); Yan, JL (**Yan, Jinlong**)\*; Han, XY (Han, Xiangyun); Ding, C (Ding, Cheng); Cui, J (Cui, Jun); Bian, MJ (Bian, Mengjie); Hussain, Q (Hussain, Qaiser). Renewable Material-derived Biochars for the Efficient Removal of 2,4-Dichlorophen from Aqueous Solution: Adsorption/Desorption Mechanisms, *BIORESOURCES*, 2017, 3, 4912-4925, 10.15376/biores.12.3.4912-4925
  16. Cui, LQ (Cui, Liqiang); Chen, TM (Chen, Tianming); Ding, C (Ding, Cheng); Li, ZX (Li, Zhaoxia); Yan, JL (**Yan, Jinlong**); Liu, Y (Liu, Yang); Niu, X (Niu, Xian); Chen, AH (Chen, Aihui); Yang, WJ (Yang, Wenjun). Spatial distribution of total halogenated organic compounds (TX), adsorbable organic halogens (AOX), and heavy metals in wetland soil irrigated with pulp and paper wastewater, *CHEMICAL SPECIATION AND BIOAVAILABILITY*, 2017, 29, 15-24, 10.1080/09542299.2016.1252692
  17. Quan, GX (Quan, Guixiang); Chu, L (Chu, Lei); Han, XY (Han, Xiangyun); Ding, C (Ding, Cheng); Chen, TN (Chen, Tianming); Yan, JL (**Yan, Jinlong**)\*. Facile synthesis of novel hierarchically porous carbon derived from nature biomass for enhanced removal of NaCl, *WATER SCIENCE AND TECHNOLOGY*, OCT 2016, 74, 1821-1831, 10.2166/wst.2016.372
  18. Cui, LQ (Cui, Liqiang); Pan, GX (Pan, Genxing); Li, LQ (Li, Lianqing); Bian, RJ (Bian, Rongjun); Liu, XY (Liu, Xiaoyu); Yan, JL (**Yan, Jinlong**); Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Liu, Y (Liu, Yang); Liu, YM (Liu, Yuming); Yin, CT (Yin, Chuntao); Wei, CP (Wei, Caiping); Yang, YG (Yang, Yage); Hussain, Q (Hussain, Qaiser). Continuous immobilization of cadmium and lead in biochar amended contaminated paddy soil: A five-year field experiment, *ECOLOGICAL ENGINEERING*, AUG 2016, 93, 1-8, 10.1016/j.ecoleng.2016.05.007
  19. Quan, GX (Quan, Guixiang); Yin, CT (Yin, Chuntao); Chen, TM (Chen, Tianming); Yan, JL (**Yan, Jinlong**)\*. Degradation of Herbicide Mesotrione in Three Soils with Differing Physicochemical Properties from China, *JOURNAL OF ENVIRONMENTAL QUALITY*, SEP-OCT 2015, 44, 1631-1637, 10.2134/jeq2014.12.0528
  20. Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Li, ZX (Li, Zhaoxia); Yan, JL (**Yan, Jinlong**). Assessing and monitoring the ecotoxicity of pulp and paper wastewater for irrigating reed fields using the polyurethane foam unit method based on monitoring protozoal communities, *ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH*, MAY 2015, 22, 6590-6600, 10.1007/s11356-015-4285-1
  21. Han, XY (Han, Xiangyun); Chu, L (Chu, Lei); Liu, SM (Liu, Shaomin); Chen, TM (Chen, Tianming); Ding, C (Ding, Cheng); Yan, JL (**Yan, Jinlong**)\*; Cui, LQ (Cui, Liqiang); Quan, GX (Quan, Guixiang). Removal of Methylene Blue from Aqueous Solution using Porous Biochar Obtained by KOH Activation of Peanut Shell Biochar, *BIORESOURCES*, 2015, 10, 2836-2849, 10.15376/biores.10.2.2836-2849

22. Cui, LQ (Cui, Liqiang); Yan, JL ([Yan, Jinlong](#))\*; Li, LQ (Li, Lianqing); Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Yin, CT (Yin, Chuntao); Gao, JF (Gao, Junfei); Hussain, Q (Hussain, Qaiser). Does Biochar Alter the Speciation of Cd and Pb in Aqueous Solution? *BIORESOURCES*, 2015, 10, 88-104
23. Chen, TM (Chen, Tianming); Zhang, YQ (Zhang, Yanqiu); Yan, JL ([Yan, Jinlong](#)); Ding, C (Ding, Cheng); Yin, CT (Yin, Chuntao); Liu, H (Liu, Hui). Heterogeneous photodegradation of mesotrione in nano alpha-Fe<sub>2</sub>O<sub>3</sub>/oxalate system under UV light irradiation, *RSC ADVANCES*, 2015, 5, 12638-12643, 10.1039/c4ra11871e
24. Quan, GX (Quan, Guixiang); Sun, WJ (Sun, Wenji); Yan, JL ([Yan, Jinlong](#)); Lan, YQ (Lan, Yeqing). Nanoscale Zero-Valent Iron Supported on Biochar: Characterization and Reactivity for Degradation of Acid Orange 7 from Aqueous Solution, *WATER AIR AND SOIL POLLUTION*, NOV 2014, 225, 2195, 10.1007/s11270-014-2195-3
25. Xi, XG (Xi, Xinguo); Yan, JL ([Yan, Jinlong](#)); Quan, GX (Quan, Guixiang); Cui, LQ (Cui, Liqiang). Removal of the Pesticide Pymetrozine from Aqueous Solution by Biochar Produced from Brewer's Spent Grain at Different Pyrolytic Temperatures, *BIORESOURCES*, NOV 2014, 9, 7696-7709
26. Chen, TM (Chen, Tianming); Yin, CT (Yin, Chuntao); Hu, YB (Hu, Youbiao); Cui, LQ (Cui, Liqiang); Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Yan, JL ([Yan, Jinlong](#))\*. ADSORPTION OF MESOTRIONE IN SOILS: KINETIC AND THERMODYNAMIC PARAMETERS, *FRESENIUS ENVIRONMENTAL BULLETIN*, 2014, 23, 2578-2585
27. Cui, LQ (Cui, Liqiang); Yan, JL ([Yan, Jinlong](#))\*; Yang, YG (Yang, Yage); Li, LQ (Li, Lianqing); Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Fu, Q (Fu, Qiang); Chang, A (Chang, Andrew). Influence of Biochar on Microbial Activities of Heavy Metals Contaminated Paddy Fields, *BIORESOURCES*, 2013, 8, 5536-5548
28. Cui, LQ (Cui, Liqiang); Yan, JL ([Yan, Jinlong](#))\*; Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Hussain, Q (Hussain, Qaiser). Adsorption Behaviour of Pymetrozine by Four Kinds of Biochar from Aqueous Solution, *ADSORPTION SCIENCE & TECHNOLOGY*, 2013, 31, 477-487, 10.1260/0263-6174.31.6.477
29. Yan, JL ([Yan, Jinlong](#)); Quan, GX (Quan, Guixian). DISTRIBUTION OF ORGANIC CARBON, TOTAL NITROGEN AND ENZYME ACTIVITIES IN VARIOUS FRACTIONS OF A PADDY SOIL, *FRESENIUS ENVIRONMENTAL BULLETIN*, 2013, 22, 1573-1578
30. Shi, WY (Shi, Wen-Yan); Ding, C (Ding, Cheng); Yan, JL ([Yan, Jin-Long](#)); Han, XY (Han, Xiang-Yun); Lv, ZM (Lv, Zhi-Min); Lei, W (Lei, Wu); Xia, MZ (Xia, Ming-Zhu); Wang, FY (Wang, Feng-Yun). Molecular dynamics simulation for interaction of PESA and acrylic copolymers with calcite crystal surfaces, *DESALINATION*, APR 2 2012, 291, 8-14, 10.1016/j.desal.2012.01.019
31. Cui, LQ (Cui, Liqiang); Pan, GX (Pan, Genxing); Li, LQ (Li, Lianqing); Yan, JL ([Yan, Jinlong](#)); Zhang, A (Zhang, Afeng); Bian, RJ (Bian, Rongjun); Chang, A (Chang, Andrew). THE REDUCTION OF WHEAT Cd UPTAKE IN CONTAMINATED SOIL VIA BIOCHAR AMENDMENT: A TWO-YEAR FIELD EXPERIMENT, *BIORESOURCES*, 2012, 7, 5666-5676
32. Ding, C (Ding, Cheng); Li, ZX (Li, Zhao-xia); Yan, JL ([Yan, Jin-long](#)). Isolation, Identification and Degradation Characterization of a p-Chloroaniline Degrading Strain, *BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY*, APR 2011, 86, 454-459, 10.1007/s00128-011-0196-0
33. Yan, JL ([Yan, Jinlong](#)); Pan, GX (Pan, Genxing); Li, LQ (Li, Lianqing); Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Luo, AL (Luo, Ailan). Adsorption, immobilization, and activity of beta-glucosidase on different soil colloids, *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, AUG 15 2010, 348, 565-570, 10.1016/j.jcis.2010.04.044
34. Yan, JL ([Yan, Jinlong](#)); Pan, GX (Pan, Genxing); Ding, C (Ding, Cheng); Quan, GX (Quan, Guixiang). Kinetic and

- thermodynamic parameters of beta-glucosidase immobilized on various colloidal particles from a paddy soil, *COLLOIDS AND SURFACES B-BIOINTERFACES*, AUG 1 2010, 79, 298-303, 10.1016/j.colsurfb.2010.04.015
35. Quan, GX (Quan, Guixiang); Yan, JL (**Yan, Jinlong**)\*. Binding Constants of Lead by Humic and Fulvic Acids Studied by Anodic Stripping Square Wave Voltammetry, *RUSSIAN JOURNAL OF ELECTROCHEMISTRY*, JAN 2010, 46, 90-94, 10.1134/S1023193510010118
  36. Yan, JL (**Yan, Jinlong**); Pan, GX (Pan, Genxing). Effects of Pulp Wastewater Irrigation on Soil Enzyme Activities and Respiration from a Managed Wetland, *SOIL & SEDIMENT CONTAMINATION*, 2010, 19, 204-216, 10.1080/15320380903548482
  37. Xu, JY (Xu, Jia-ying); Cheng, WH (Cheng, Wei-hua); Yan, JL (**Yan, Jin-long**); Quan, GX (Quan, Gui-xiang). 1-Methyl-3-trifluoromethyl-1H-pyrazol-5-ol, *ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE*, OCT 2009, 65, O2377-+, 10.1107/S1600536809035624
  38. Yan, JL (**Yan, Jinlong**); Quan, GX (Quan, Guixiang). EQUILIBRIUM AND KINETIC STUDIES OF PHENOL SORPTION BY CHITOSAN COATED MONTMORILLONITE, *JOURNAL OF THE CHILEAN CHEMICAL SOCIETY*, MAR 2009, 54, 73-76
  39. Yan, JL (**Yan, JinLong**); Quan, GX (Quan, Guixiang). Kinetic Models of the Adsorption of Hexavalent Chromium by Chitosan from Aqueous Solution, *ADSORPTION SCIENCE & TECHNOLOGY*, 2009, 27, 835-843, 10.1260/0263-6174.27.9.835
  40. **Jinlong Yan**, Wei Wang, Liang Chen, Song Chen. Electrochemical behavior of valsartan and it's determination in capsules[J], *Colloids and Surfaces B: Biointerfaces*, 2008, 67: 205-209.
  41. **Jin-Long Yan**. Determinatio of Kanamycin by Square-Wave Cathodic Adsorptive Stripping Voltammetry[J], *Russian Journal of Electrochemistry*, 2008, 44(12): 1334-1338.
  42. **Jin-long Yan**. Study on the Adsorption of Phenol by Chitosan from Aqueous Solution[J], *Chinese Journal of Polymer Science*, 2006(5):497-502.
  43. **Yan Jinlong**, Cai Zhaosheng, Xu Qi, Yang Chunsheng. Synthesis and Characterization of Rare Earth Nitrates Ternary Complexes with Glycine and 1,10-Phenanthroline[J], *Journal of Rare Earths*, 2005, 23(Suppl.): 339-342.
  44. **Yan Jinlong**, Sun Rudong, Sun Weide. Electrochemical Behavior of N-Acetyl-L-cysteine at Mercury Film Electrode, *Chinese Journal of Analytical Chemistry*, 2003, 31, 448-450
  45. **Yan Jinlong**, Lù Zhimin , Dong Rui. Determination of Trace Molybdenum after Enrichment on Protonated Chitosan, *Chinese Journal of Analytical Chemistry*, 2003, 31, 79-82
  46. Sun Rudong, **Yan Jinlong**. Determination of 2-Mercaptoacetic acid by Square-Wave Voltammetry, *Chinese Journal of Analytical Chemistry*, 2001, 29, 863
  47. Sun Rudong, **Yan Jinlong**, Kong Qizhong. Indirect Determination of Ascorbic Acid by Square-Wave Polarography, *Chinese Journal of Analytical Chemistry*, 2001, 29, 707-709

### 【申请专利】

1. 一种电化学预处理甲霜灵农药废水的方法, 第一发明人, 201410247141.3, 有权
2. 具有去除农药吡蚜酮作用的啤酒糟生物质炭及其制备方法与应用, 第二发明人, ZL201310103857.1, 有权
3. 一种盐地碱蓬基多孔炭及其电容脱盐应用, 第一发明人, 201611181270.2, 实审中