

基本信息

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职务	北京理工大学珠海学院，材料与环 境学院院长	
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教育背景

1995.09-1998.06	吉林大学，物理化学专业，理学博士
1990.09-1993.06	吉林大学，物理化学专业，理学硕士
1986.09-1990.07	吉林大学，物理化学专业，理学学士

工作经历

2001.05-至今	北京理工大学化学与化工学院，教授
1999.01-2001.04	北京化工大学理学院化学系，博士后
1986.07-1998.07	吉林大学化学系，副教授

研究方向

1.	工业催化
2.	无机功能材料
3.	聚合物/无机纳米复合材料
4.	新型催化材料

荣誉奖励

1.	原位插层改性制备高性能 PET 柔性扁平线缆 (FFC) 热封膜，江门市科学技术奖，二等奖，2015.01
2.	研制的阴离子层状结构选择性红外吸收材料获国家科技部等五部委颁发国家重点新产品证书，2000.01

<u>承担项目</u>	
1.	珠海市印制材料协同创新中心，珠海市政府项目(340030/03)，2015.07-2018.12. 300 万元；主持
2.	多元丙烯酸系高分子助剂的合成与产业化工艺研究，“十二五”国家科技支撑计划（2011BAE06B06-2），2011.01—2015.03. 450 万元；参与
3.	离子液体媒介气相扩散法制备中空结构纳微吸波材料研究. 国家自然科学基金资助项目(21071017)； 2011.01-2013.12. 35 万元；主持
4.	原位插层改性制备高性能 PET 柔性扁平线缆（FFC）热封膜. 广东省教育部产学研结合项目(2011B090400394)，2011.01-2012.12. 20 万元；主持
5.	原位插层聚合制备纳米改性高性能 PET 树脂，珠海产学研项目(20080541043)，2009.01-2010.12. 50 万元；主持
6.	铁氧体纳米管/碳纳米管新型高性能复合吸波材料研究，武器装备预研基金（9140A12060308BQ01），2008.01-2009.12. 17 万元；主持
7.	ABS/铁氧体纳米管-掺杂碳纳米管高性能复合电磁屏蔽材料研究，国家高技术研究计划（863 计划）(2006AA03Z570)，2006.12-2009.11. 96 万元；主持
8.	农药专用萘磺酸甲醛缩合物功能助剂开发，“十一五”国家科技支撑计划（2006BAE01A07-02），2006.12—2008.12. 70 万元；主持
9.	改性聚芳醚酮光波导材料的合成与性能研究，北京市自然科学基金（2062021），2006.01-2008.12. 12 万元；主持
10.	固体推进剂用纳米材料的处理与应用技术研究,总装预研（41328030507），2001.01-2005.12. 75 万元；主持
<u>研究成果</u>	
<p>一直从事新型催化材料、无机功能材料、高分子材料及复合材料设计、制备及应用研究。主持国家自然科学基金项目 1 项、主持 863 计划项目 1 项、主持国家“十一五”科技支撑计划 1 项、主持总装预研项目 1 项，承担企业合作项目 6 项；参与“十二五”国家科技支撑计划、科技部创新基金、国家经贸委技术创新重点专项及国家计委高技术新材料产业化示范工程等产业化项目等项目多项。迄今在国内外学术刊物发表学术论文 151 篇，SCI 收录 100 篇，获授权发明专利 20 项。</p>	
1.	<p>开发了铁氧体纳孔微球制备技术，显示了优异的吸波性能。</p> <p>发明专利：矫庆泽，张申力，黎汉生，赵芸，铁氧体纳孔微球吸波材料及其制备方法，ZL 201410117510.7 2015.04.01</p>

2.	开发了多种功能涂料及其制备技术。 发明专利：矫庆泽，郭冰之，赵芸，黎汉生，高耐磨光固化丙烯酸酯/水滑石纳米复合材料及其制法, ZL 201310541009.9 2015.7.15
3.	开发了用于聚氨酯的嵌段结构聚酯多元醇合成技术。 发明专利：矫庆泽,周明吉,赵芸. 一种具有嵌段结构的聚酯多元醇及其应用, ZL 201110381935.5, 2013.6.12
4.	开发了复合氧化物纳米材料制备技术，可作为添加剂应用于不同领域。 发明专利：矫庆泽，刘洪博，赵芸，一种纳米金属复合氧化物催化剂在黑索今热分解中的应用， ZL 200810075121.7, 2012.5.7
5.	开发了耐高温漆包线漆、柔性漆包线漆及低摩擦系数漆包线漆。 发明专利：赵芸，翟洪涛，矫庆泽，黎汉生，基于含氟聚芳醚酮共聚改性聚酰亚胺的耐高温漆包线漆组合物及其制备方法, ZL 201610121603.6 2018.06.15

代表性论文

1.	Meimei Gao, Yun Zhao*, Shanshan Wang, Yingchun Xu, Caihong Feng, Daxin Shi and Qingze Jiao*. Preparation of pod-like 3D Ni _{0.33} Co _{0.67} Fe ₂ O ₄ @rGO composites and their microwave absorbing properties, <i>Ceramics International</i> , 2019, 45(6): 7188–7195
2.	Shanshan Wang, Qingze Jiao, Xiufeng Liu, Yingchun Xu, Quan Shi, Song Yue, Yun Zhao*, Hongbo Liu, Caihong Feng, and Daxin Shi*. Controllable Synthesis of γ -Fe ₂ O ₃ Nanotube/Porous rGO Composites and Their Enhanced Microwave Absorption Properties, <i>ACS Sustainable Chemistry & Engineering</i> , 2019, 7 (7): 7004–7013
3.	Shanshan Wang, Yun Zhao,* Meimei Gao, Haoliang Xue, Yingchun Xu, Caihong Feng, Daxin Shi, Kaihui Liu, and Qingze Jiao*. Green Synthesis of Porous Cocoon-like rGO for Enhanced Microwave-Absorbing Performances, <i>ACS Applied Materials & Interfaces</i> , 2018, 10(49): 42865–42874
4.	Hong Yuan, Jia Liu, Hansheng Li*, Yongjian Li, Xiufeng Liu, Daxin Shi, Qin Wu and Qingze Jiao*. Graphitic carbon nitride quantum dot decorated three-dimensional graphene as an efficient metal-free electrocatalyst for triiodide reduction, <i>Journal of Materials Chemistry A</i> , 2018, 6(14): 5603-5607
5.	Xueting Feng, Qingze Jiao, Huiru Cui, Mengmeng Yin, Qun Li, Yun Zhao, Hansheng Li, Wei Zhou and Caihong Feng*. One-Pot Synthesis of NiCo ₂ S ₄ Hollow Spheres via Sequential Ion Exchange as an Enhanced Oxygen Bifunctional Electrocatalyst in Alkaline Solution. <i>ACS Applied Materials & Interfaces</i> , 2018, 10(35): 29521-29531
6.	Haoliang Xue, Jie Wang, Shanshan Wang, Sohail Muhammad, Caihong Feng, Qin Wu, Hansheng Li, Daxin Shi, Qingze Jiao* and Yun Zhao*. Core-shell MoS ₂ @graphene composite microspheres as stable anodes for Li-ion batteries, <i>New Journal of Chemistry</i> , 2018, 42, 15340 - 15345

7.	Shanshan Wang, Yun Zhao*, Haoliang Xue, Junrui Xie, Caihong Feng, Hansheng Li, Daxin Shi, Sohail Muhammad, Qingze Jiao*. Preparation of flower-like CoFe_2O_4 @graphene composites and their microwave absorbing properties, <i>Materials Letters</i> , 2018, 223: 186-189
8.	Zhuangzhang He, Qingze Jiao, Zhuqing Fang, Taotao Li, Caihong Feng, Hansheng Li, Yun Zhao*. Light olefin production from catalytic pyrolysis of waste tires using nano-HZSM-5/ γ - Al_2O_3 catalysts. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 129: 66-71
9.	Muhammad Sohail, Haoliang Xue, Qingze Jiao, Hansheng Li, Khakemin Khanc, Shanshan Wang, Caihong Feng, Yun Zhao*. Synthesis of well-dispersed $\text{TiO}_2/\text{CNTs}@ \text{CoFe}_2\text{O}_4$ nanocomposites and their photocatalytic properties. <i>Materials Research Bulletin</i> , 2018, 101:83-89
10.	Hong Yuan, Jia Liu, Qingze Jiao*, Xiufeng Liu, Yongjian Li, Daxin Shi, Qin Wu, Yun Zhao, Hansheng Li*. Sandwich-like octahedral cobalt disulfide/reduced graphene oxide as an efficient Pt-free electrocatalyst for high-performance dye-sensitized solar cells. <i>Carbon</i> , 2017, 119: 225-234.
11.	Haoliang Xue, Qingze Jiao, Liang Hao, Xiang Ni, Yajiao Wang, Hansheng Li, Qin Wu, Yun Zhao*. Preparation of core-shell Zn-doped CoFe_2O_4 cubes @CNT composites and their absorbing performances, <i>Micro & Nano Letters</i> , 2017,12(4):227-230
12.	Muhammad Sohail, Haoliang Xue, Qingze Jiao, Hansheng Li, Khakemin Khan, Shanshan Wang, Yun Zhao*. Synthesis of well-dispersed TiO_2 @reduced graphene oxide (rGO) nanocomposites and their photocatalytic properties, <i>Materials Research Bulletin</i> , 2017, 90: 125-130 ESI 高被引
13.	Shenli Zhang, Zhengwu Qi, Yun Zhao*, Qingze Jiao, Xiang Ni, Yajiao Wang, Yuan Chang, Chang Ding. Core/shell structured composites of hollow spherical CoFe_2O_4 and CNTs as absorbing materials, <i>Journal of Alloys and Compounds</i> , 2017, 694: 309-312
14.	Xiang Ni, Zhuangzhang He, Xi Liu, Qingze Jiao, Hansheng Li, Caihong Feng, Yun Zhao*. Ionic liquid-assisted solvothermal synthesis of hollow CoFe_2O_4 microspheres and their absorbing performances. <i>Materials Letters</i> , 2017, 193: 232-235
15.	Qingze Jiao, Yanfeng Wang, Liang Hao, Hansheng Li, Yun Zhao*. Synthesis of Magnetic Nickel Ferrite Microspheres and Their Microwave Absorbing Properties, <i>Chemical Research in Chinese Universities</i> , 2016,32(4): 678-681
16.	Shenli Zhang, Qingze Jiao, Chaoxiang Wang, Hui Yu, Yun Zhao*, Hansheng Li, Qin Wu. In situ synthesis of Mg/Fe LDO/carbon nanohelix composites as absorbing materials, <i>Journal of Alloys and Compounds</i> , 2016, 658: 505-512
17.	Shenli Zhang, Qingze Jiao, Ju Hu, Jingjing Li, Yun Zhao, * Hansheng Li, Qin Wu. Vapor diffusion synthesis of rugby-shaped CoFe_2O_4 /graphene composites as absorbing materials, <i>Journal of Alloys and Compounds</i> , 2015, 630: 195–201

18.	Shenli Zhang, Qingze Jiao, Yun Zhao,* Hansheng Li and Qin Wu. Preparation of rugby-shaped CoFe_2O_4 and their microwave absorbing properties, <i>Journal of Materials Chemistry A</i> , 2014, 2 (42): 18033 – 18039
19.	Min Fu, Qingze Jiao and Yun Zhao*. One-step vapor diffusion synthesis of uniform CdS quantum dots/reduced graphene oxide composites as efficient visible-light photocatalysts, <i>RSC Advances</i> , 2014, 4: 23242–23250
20.	Jinhuan Wang, Qingze Jiao, Hansheng Li, Yun Zhao.* In situ preparation of polyimide/amino-functionalized carbon nanotube composites and their properties. <i>Polymer Composites</i> . 2014, 35(10):1952-1959
21.	Min Fu, Qingze Jiao, Yun Zhao* and Hansheng Li. Vapor diffusion synthesis of CoFe_2O_4 hollow sphere/graphene composites as absorbing Materials, <i>Journal of Materials Chemistry A</i> , 2014, 2 (3):735 – 744 ESI 高被引
22.	Min Fu, Qingze Jiao and Yun Zhao*. Preparation of NiFe_2O_4 nanorod–graphene composites via an ionic liquid assisted one-step hydrothermal approach and their microwave absorbing properties, <i>Journal of Materials Chemistry A</i> , 2013, 1 (18): 5577 – 5586 ESI 高被引
23.	Qingze Jiao, Liang Hao, Qingyan Shao, Yun Zhao*. In situ synthesis of iron-filled nitrogen-doped carbon nanotubes and their magnetic properties, <i>Carbon</i> , 2013, 61: 647-649
24.	Bingzhi Guo, Yun Zhao, QiangTao Huang, QingZe Jiao*. A new method to prepare exfoliated UV-cured polymer/LDH nanocomposites via nanoplatelet like LDHs modified with N-Lauroyl-glutamate, <i>Composites Science and Technology</i> , 2013, 81: 37-41
25	Qingze Jiao, Min Fu, Chao You, Yun Zhao,* and Hansheng Li. Preparation of hollow Co_3O_4 microspheres and their ethanol sensing properties, <i>Inorganic Chemistry</i> , 2012, 51: 11513–11520