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出生年月	1963.10	政治面貌	党 员
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受教育经历

2001.9-2005.5, 华中科技大学, 物理电子学, 博士
1993.9-1995.5, 华中科技大学, 物理电子学, 硕士
1981.9-1985.7, 华中师范大学, 物理, 学士

参加工作经历

2011.4 - 至今, 盐城工学院, 省新型环保重点实验室, 教 授
2005.6-2011.3, 河南理工大学, 材料学院, 教授
1985.7-2005.3, 河南理工大学, 理学院, 副教授

荣誉称号与获奖情况

中国化学会会员、中国仪器仪表学会会员、美国光学学会会员；
江苏高校优秀科技创新团队负责人；
高亮度白光 LED 阵列封装技术研究，河南省教育厅科技成果奖，二等，2012
高性能低成本 MEMS 压力传感器，焦作市人民政府科技成果奖，二等，2010
高性能低成本 MEMS 压力传感器，河南省教育厅科技成果奖，二等，2010

教育教学改革项目与成果

马小娥, 王晓冬, 关荣锋, 张海波, 高爱华. 《材料科学与工程概论》, 普通高等教育 “十一·五” 规划教材, 中国电力出版社, 2009.6

科学研究项目与论文、专利成果

【科研项目】

1. 国家自然科学基金青年基金项目, 21878257, 钒酸铋晶面 Z-型光催化材料可控制备与光解水制氢活性增强, 2019.01-2022.12, 66 万元, 在研, 主持
2. 国家高技术研究发展计划 (863 计划, 子课题) 项目, 2015AA021003, 衣康酸下游分离提取及污染物无害化处理, 2015.01-2017.12, 66.5 万元, 已结题, 主持
3. 国家自然科学基金青年基金项目, 1401160, 基于溶致变色的金属-有机框架薄膜器件的可视化传感研究, 2015/01-2017/12, 23 万元, 已结题, 参与
4. 江苏省教育厅项目, 江苏高校优秀科技创新团队-工业烟气监测技术, 2015/01-2017/12, 30 万元, 在研, 团队负责人
5. 国家自然科学基金面上项目, 21276220, PMMA-YAG:Ce³⁺ 纳米有机复合荧光发光材料的可控制备与光增强研究, 2013.01-2016.12, 81 万元, 已结题, 主持
6. 江苏省高校自然科学研究面上项目, 贵金属合金团簇沉积对 WO₃ 薄膜光催化活性的影响, 14KJB150025, 2014/08-2016/12, 5 万元, 已结题, 参与
7. 国家高技术研究发展计划(863 计划)项目, 2006AA04Z346, 基于 MEMS 技术的微型原子钟, 96 万, 2006.01-2008.12, 已结题, 参与
8. 河南省科技攻关项目, 0624220036, 高性能低成本 MEMS 压力传感器, 8 万元, 2006.01-2008.12, 已结题, 主持

9.国家十一五“863”项目, 2006AA104031, 巨型计算机散热封装技术研究, 2006.08-2007.04, 64 万元, 已结题, 参与

10.国家“863”MEMS 重大专项资助项目, 低成本高性能真空熔焊机的关键技术研究, 2005AA404230, 2005.01-2006.12, 300 万元, 已结题, 参与

11.国家“863”MEMS 重大专项资助项目, 面向石化等重要行业 MEMS 压力传感器制造与实用化研究, 2004AA404221, 2004.10-2006.12, 200 万元, 已结题, 主持

12.国家“863”MEMS 重大专项资助项目, 气密 MEMS 封装工艺及规范, 2002AA404430, 2002.04-2004.06, 300 万元, 已结题, 参与

【发表论文】

- [3] Amare Aregahegn Dubale, Ibrahim Nasser Ahmed, Xia-Hui Chen, Cheng Ding, Gui-Hua Hou, **Rong-Feng Guan**, Xiangming Meng, Xiu-Li Yang*, Ming-Hua Xie*, Highly stable metal-organic framework derived phosphorus doped carbon/Cu₂O structure for efficient photocatalytic phenol degradation and hydrogen production, *J. Mater. Chem. A*, 2019, 7(11): 6062-6079. (SCI 一区, IF=9.931)
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- L. Yue, C. Shen, Y. Zhang, Y.Q. Song, W.P. Huang, Y. Lu, Y. Qian, Z.C. Jin, **R.F. Guan***, W.H. Zhang*. Controlled synthesis of porous Co-Mn nanosheet composite with high performance for lithium-ion battery. *Journal of Alloys and Compounds*, 2019, 784: 29-40.
- Lu Yue, J.J. Ge, G.X. Luo, K.T. Bian, C. Yin, **R.F. Guan***, W.H. Zhang*, Z.Zhou, K.X. Wang, X.F. Guo. A facile large-scale synthesis of porous SnO₂ by bronze for superior lithium storage and gas sensing properties through a wet chemical reaction strategy. *Journal of Electronic Materials*, 2018,47(5): 2545–2556
- Ming-Hua Xie, Ya Wang, Ruo-Fei Li, Peng-Yu Dong, Gui-Hua Hou, Rong Shao, Xin-Guo Xi, **Rong-Feng Guan***, Xiu-Li Yang*, A multifunctional Co-based metal-organic framework: heterogeneous catalysis, chemiluminescence sensing and moisture-dependent solvatochromism, *Dalton Trans.*, 2018, 47(35): 12406-12413
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- Ming-Hua Xie, Rong Shao, Xin-Guo Xi, Gui-Hua Hou, **Rong-Feng Guan**, Peng-Yu Dong, Qin-Fang Zhang*, Xiu-Li Yang*, Metal-Organic Framework Photosensitized TiO₂ Co-catalyst: A Facile Strategy to Achieve a High Efficiency Photocatalytic System. *Chem. Eur. J.* 2017, 23, 3931-3937
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23. **Guan Rongfeng***, Wang Xiaoxue, Structural and Optical Properties of CuInS₂ Thin Films Prepared by Magnetron Sputtering and Sulfurization Heat Treatment, *Journal of Nanomaterials*, 2015:31-39
24. **Rongfeng Guan**, Liu Cao, Qian Sun, Yuebin Cao*, Effects of Preparation Conditions on the CuInS₂ Films Prepared by One-Step Electrodeposition Method, *Journal of Nanomaterials*, 2015:1-8
25. **Guan Rongfeng**, Liu Cao, You Yajun, Cao Yuebin*, The Luminescence Properties and Energy Transfer from Ce³⁺ to Pr³⁺ for YAG:Ce³⁺,Pr³⁺Phosphors, *Journal of Nanomaterials*, 2015,55(5):1202-1208

【申请专利】

1. 一种硅酸盐荧光粉及其制备方法和应用, 第一发明人, ZL201610652499. 3, 有权
2. 基于碳纳米管生长技术的气体传感器的制造方法, 第二发明人, ZL201611018959. 3, 有权
3. 一种带微镜结构的 LED 照明用发光薄膜及其制备方法, 第一发明人, ZL201410102887. 5, 有权
4. 具有光增强功能黄色荧光粉的制备方法, 第一发明人, ZL201410234620. 1, 有权
5. 有机荧光发光薄膜的制备方法, 第一发明人, ZL201410234780. 1, 有权
6. 具有纳米空心结构的 BiVO₄ 光催化材料的制备方法, 第二发明人, ZL201410324823. X. 有权
7. 一种钼酸盐红色荧光粉及其制备方法, 第一发明人, ZL201310077233. 7, 有权