**闵宇霖**

**基本信息**

**姓名：闵宇霖**

**职称：教授**

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**个人简介**

闵宇霖，男，1976年4月生，汉族，安徽安庆人，工学博士，教授，上海电力大学电气工程学院

**教育背景**

1998年，本科毕业于安庆师范大学化学工程与工艺专业；

2003年，硕士毕业于南昌大学无机化工专业，主要从事能源材料与科学；

2007年，博士毕业于中国科学技术大学材料科学与专业，主要从事能源材料与科学

**工作经历**

2007年至2013年 安庆师范大学化学与化工学院任教

2013年---至今

**研究方向**

能源材料与技术、储能电池材料

**主要科研项目**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **本人主持的科研项目（在研）** | | | | |
| 项目名称及编号 | 项目来源， 属何种项目 | 起止时间 | 科研经费（万元） |
| 带隙可调石墨烯纳米带杂化材料的制备及对含近红外宽谱光电子转化效果的研究 | 国家自然基金面上项目 | 2017.1-2020.12 | 77.4 |
| 用于燃料电池催化剂材料的关键技术研究及应用 | 上海市科委 | 2018.4- 2021.3 | 80 |
| 具超薄插层结构的碳基复合材料构筑及储锂性能研究 | 教育部能源化学国际实验室 | 2017.3-2019.12 | 7 |

**相关成果**

**发表论文：**

|  |  |  |  |
| --- | --- | --- | --- |
| **本人代表性论文、专著和获奖项目等** | | | |
| 序号 | 论文（第一作者）、专著、获奖项目 | 时 间 | 刊物名称；出版单位；奖励颁发部门及奖励等级； |
| 1 | Baby Diaper-Inspired Construction of Three-Dimensional Porous Composites for Long-Term Lithium-Ion Batteries | 2018, 28, 1704440 | ***Advanced Functional Materials***  ***（JCR一区；IF=13.325）***  ***(ESI高被引论文)*** |
| 2 | Self-evaporating from inside to outside to construct cobalt oxide nanoparticles-embedded nitrogen-doped porous carbon nanofibers for high-performance lithium ion batteries. | 2018, 334: 1642-1649 | ***Chemical Engineering Journal***,  ***（JCR一区；IF=6.735）***  ***(ESI高被引论文)*** |
| 3 | BiVO4 nanowires decorated with CdS nanoparticles as Z-scheme photocatalyst with enhanced H2 generation | 201 (2017) 77–83 | ***Applied Catalysis B: Environmental***  ***（JCR一区；IF=11.698）***  ***(ESI高被引论文)*** |
| 4 | Holey structured graphitic carbon nitride thin sheets with edge oxygen doping via photo-Fenton reaction with enhanced photocatalytic activity, | 2016 (185) 315–321 | ***Applied Catalysis B: Environmental***  ***（JCR一区；IF=11.698）***  ***(ESI高被引论文)*** |
| 5 | Dual-functional MoS2 sheet-modified CdS branchlike heterostructures with enhanced photostability and photocatalytic activity | 2014, 2, 2578–2584 | ***J. Mater. Chem. A***  ***（JCR一区；***  ***IF=9。932）***  ***(ESI高被引论文)*** |
| 6 | Enhanced chemical interaction between TiO2 and graphene oxide  for photocatalytic decolorization of methylene blue | 2012, 193-194：203-210 | ***Chemical Engineering Journal***,  ***（JCR一区；IF=6.735）***  ***(ESI高被引论文)*** |
| 7 | Solvothermal Synthesis of Alloyed PtNi Colloidal Nanocrystal Clusters (CNCs) with Enhanced Catalytic Activity for Methanol Oxidation. | ***.*** 2018, 28, 1704774 | ***Advanced Functional Materials***  ***（JCR一区；IF=13.325）*** |
| 8 | Noble-metal-free heterostructure for efficient hydrogen evolution in visible region: Molybdenum nitride/ultrathin graphitic carbon nitride | 2018, 238,318-327. | ***Applied Catalysis B: Environmental***  ***（JCR一区；IF=11.698）*** |
| 9 | Micropores of Pure Nanographite Spheres for Long-Cycle and High-Rate Lithium-Sulfur Batteries | 2018, **6**, 23062 - 23070 | ***J. Mater. Chem. A***  ***（JCR一区；IF=9.932）*** |
| 10 | Simple method to construct three-dimensional porous carbon for electrochemical energy storage | 2018, 10, 15842–15853 | ***Nanoscale***  ***（JCR一区；IF=7.233）*** |
| 11 | Three-dimensional cross-linked Polyaniline fiber/N-doped porous carbon with enhanced electrochemical performance for high-performance supercapacitor | 2017, 359, 285-294 | ***Journal of Power Sources***  ***（JCR一区；IF=6.945）*** |
| 12 | Stabilizing and Improving Solar H2 Generation from Zn0.5Cd0.5S Nanorods@MoS2/RGO Hybrids via Dual Charge Transfer Pathway | 2016 (8) 2928–2934 | ***ACS Applied Materials & Interfaces***  ***（JCR一区；***  ***IF=8.097）*** |
| 13 | (Metal-Organic Framework)-Polyaniline sandwich structure composites as novel hybrid electrode materials for high-performance supercapacitor | 2016(316) 176–182 | ***Journal Power Source***  ***（JCR一区；IF=6.945）*** |

**招生要求**

**有相关课题研究经验。**