

第十一届研究生“十佳学术论文”提名奖获奖学生名单

| 序号 | 姓名 | 学院 | 专业 | 推荐类别 | 导师 | 发表论文题目 | 期刊名称 |
|----|-----|------------|------------|-------|-----|---|-------------------------------|
| 1 | 聂义航 | 华南先进光电子研究院 | 电子信息 | 理工类硕士 | 王新 | Tailoring Vertically Aligned Inorganic-Polymer Nanocomposites with Abundant Lewis Acid Sites for Ultra_x0002_Stable Solid-State Lithium Metal Batteries | Advanced Energy Materials |
| 2 | 向利军 | 生命科学学院 | 生物化学与分子生物学 | 理工类博士 | 冯启理 | DNA G-quadruplex structure participates in regulation of lipid metabolism through acyl-CoA binding protein | Nucleic Acids Research |
| 3 | 刘诗媚 | 信息光电子科技学院 | 光学 | 理工类博士 | 兰胜 | Optical introduction and manipulation of plasmon-exciton-trion coupling in a Si/WS2/Au nanocavity | ACS Nano |
| 4 | 黎思娜 | 半导体科学与技术学院 | 电子科学与技术 | 理工类博士 | 李京波 | Reconfigurable and Broadband Polarimetric Photodetector | Advanced Functional Materials |
| 5 | 金僖 | 生物光子学研究院 | 光学 | 理工类硕士 | 陈同生 | Mitigating potential lead leakage risk of perovskite solar cells by device architecture engineering from interior to exterior | ACS Energy Letters |
| 6 | 张典 | 物理与电信工程学院 | 微电子学与固体电子学 | 理工类硕士 | 陈福明 | Thermal Redox Desalination of Seawater Driven by Temperature Difference | ACS Energy Letters |

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| 7 | 郑春秋 | 华南先进光电子研究院 | 材料物理与化学 | 理工类硕士 | 吴素娟 | Dual Effects of Slow Recrystallization and Defects Passivation Achieve Efficient Tin-Based Perovskite Solar Cells with Good Stability Up to One Year | Advanced Functional Materials |
| 8 | 宋健 | 华南先进光电子研究院 | 材料物理与化学 | 理工类硕士 | 许金友 | Horizontally-Oriented Growth of Organic Crystalline Nanowires on Polymer Films for In-Situ Flexible Photodetectors with Vis-NIR Response and High Bending Stability | Advanced Functional Materials |
| 9 | 申慧敏 | 华南先进光电子研究院 | 物理化学 | 理工类硕士 | 徐雪珠 | Nanopaper Electronics | Advanced Functional Materials |
| 10 | 谭羽珊 | 环境学院 | 环境科学与工程 | 理工类硕士 | 李来胜 | Strategy for improving photocatalytic ozonation activity of g-C ₃ N ₄ by halogen doping for water purification | Applied Catalysis B: Environmental |
| 11 | 杨祎晗 | 信息光电子科技学院 | 材料物理与化学 | 理工类硕士 | 李昕明 | Weakly Solvating Effect Spawning Reliable Interfacial Chemistry for Aqueous Zn/Na Hybrid Batteries | Advanced Energy Materials |
| 12 | 陈凯 | 半导体科学与技术学院 | 电子信息 | 理工类硕士 | 李述体 | Plasmonic hot-hole injection combined with patterned substrate for performance improvement in trapezoidal PIN GaN microwire self-powered ultraviolet photodetector | Nano Energy |
| 13 | 赖嘉伟 | 化学学院 | 物理化学 | 理工类硕士 | 郑奇峰 | Molecular Design of Asymmetric Cyclophosphamide as Electrolyte Additive for High-Voltage Lithium-Ion Batteries | ACS Energy Letters |