

### “希望之星”奖学金公示

	姓名	年级	成果
一等	权贵鹏	博二	<p>1. Construction of cellulose nanofiber/carbon nanotube synergistic network on carbon fiber surface to enhance mechanical properties and thermal conductivity of composites [J]. Composites Science and Technology, 2024, 248.110454. (1 区, IF= 9.1)</p> <p>2. Growth of ZnO nanorods/flowers on the carbon fiber surfaces using sodium alginate as medium to enhance the mechanical properties of composites [J]. International Journal of Biological Macromolecules, 2024, 260.129457. (1 区, IF= 8.2)</p> <p>3. Bio-inspired metal ion coordination cross-linking synergistic strategy to enhance the interfacial properties of carbon fiber composites [J]. Polymer Composites, 2024, 45(3): 2202-2214. (2 区, IF= 5.2)</p> <p>4. 多组分氧化石墨烯/聚醚胺/碳纳米管层级结构碳纤维复合材料的制备及性能研究[J].化工新型材料,2023,51(06):85-89.</p> <p>5. 一种具有多组分仿生层级结构的碳纤维、制备方法及其复合材料[P]. 吉林省: CN202111568481.2,2024-01-30.</p>
	余 飞	博一	High Hydrovoltaic Power Density Achieved by Universal Evaporating Potential Devices , Advanced Science, 2023, 10 2302941 (1 区, IF=15.1)
二等	张荣达	博二	1.Cellulose nanofiber hydrogel with high conductivity electrolytes for high voltage flexible supercapacitors, Carbohydrate Polymers, 2024, 326 (2024) 121654 (1 区, IF=11.2)
三等	王 巍	博三	1.Facile synthesis of H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> -functionalized organosilicon nanotubes using singlemicelle templates: High catalytic activity for biodiesel methyl oleate [J]. Fuel, 2024, 361, 130693-130698. (1 区, IF=7.4)
	谷 宇	研三	1.A Luminescent Metal-Organic Framework with LON Topology for Highly Effective Fluorescence Sensing of Fe <sup>3+</sup> and TNP Chem. Res. Chinese Universities., 2023, 39(2), 305-309 (3 区, IF: 2.7)

	陈风龙	研二	1.Enhanced oxidation stability and proton conductivity of sulfonated poly (arylene ether ketone sulfone)s via embedment of surface-modified ceria nanoparticles, Process Safety and Environmental Protection, 2024, 185, 480-491(2 区, IF=7.8)
	王亦璇	研三	1.Sound insulation enhancement of Polyvinyl butyral film by blending polyurethane and its laminated safety glass, Materials Today Communications, 2024, 38, 108527. (3 区, IF: 3.8) 2.Photo-enhanced growth of lead halide perovskite crystals and their electro-optical properties, RSC Advances, 2022, 12(43), 27775-27780. (3 区, IF: 4.036) 3. 一种高性能玻璃夹层中间膜及其制备方法, 专利号: CN 202310846728.5 (已公开)
	邱蕊阳	研三	1.Deep eutectic solvent-assisted self-healing and anti-freezing composite hydrogels regulated by sodium phytate for wearable sensors[J]. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2024, 686: 133346.(2 区, IF=5.2) 2. 一种用于传感的植酸钠共晶凝胶的制备方法和用途 CN202311636828.1 (2024.3.1 公开)
	赵佳硕	研三	1.Anthracene-Modified Metal-Organic Framework with fof Topology for Highly Efficient Adsorption and Separation of Organic Dyes, Cryst. Growth Des., 2023, 23, 4417-4423 (2 区, IF: 3.8)

HORIBA Scientific 奖学金公示

姓名	年级	成果
冀 芳	研三	1.Hybrid membrane of sulfonated poly (aryl ether ketone sulfone) modified by molybdenum clusters with enhanced proton conductivity. Small, 2024, 2312209.(2 区, IF=13) 2.一种[PMo <sub>11.04</sub> V <sub>0.96</sub> O <sub>40</sub> ][C <sub>3</sub> H <sub>5</sub> N <sub>2</sub> ] <sub>4</sub> ·H <sub>2</sub> O/磺化聚芳醚酮砷复合型质子交换膜的制备方法[P].专利号: CN117727960A, 已公开: 2024.03.19
晋 晓	研三	1.Orange carbon dots based smart sensing platforms for rapid, visual, quantitative identification of sodium copper chlorophyllin [J], Talanta, 2024, 275, 126090 (1 区, IF: 6.1)
王 菲	研三	1.Mixed matrix membranes with intrinsic microporous UiO-66 post-synthesis modifications with no defects for efficient CO <sub>2</sub> , N <sub>2</sub> separation. Separation and Purification Technology, 2024, 333, 125892 (1 区, IF=8.6)