

魏辉 博士

联系方式

单位：南京大学现代工程与应用科学学院生物医学工程系

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教育和工作经历

2013-至今	教授、博导	南京大学现代工程与应用科学学院
2011-2013	博士后	美国埃默里大学 (Emory University) 导师：聂书明 教授
2009-2011	博士后	美国伊利诺伊大学厄本那-香槟分校 (University of Illinois at Urbana-Champaign) 导师：陆艺 教授
2003-2009	博士	中国科学院长春应用化学研究所 导师：汪尔康 院士
1999-2003	学士	南京大学化学化工学院 导师：夏兴华 教授

研究领域

纳米酶、生命分析与生物传感、体外诊断与个体化检测、生物纳米功能材料、生物纳米医学

荣誉与奖励

2025	高被引学者 (Clarivate)
2025	2025 年江苏省自然科学百篇优秀学术成果论文
2025	Advances in Measurement Science Lectureship Awards
2025	爱思唯尔 (Elsevier) 2024 年中国高被引学者
2025	江苏省材料学会优秀教学成果奖 (特等奖) (14/15)
2024	高被引学者 (Clarivate)
2024	Nature Awards Microbiome Accelerator
2024	ACS2024 春季年会亚太工业与工程化学学生分会优秀研究导师
2024	爱思唯尔 (Elsevier) 2023 年中国高被引学者
2023	Dalton Horizon Prize
2023	爱思唯尔 (Elsevier) 2022 年中国高被引学者
2023	2022 年度“郑钢基金-学业导师优秀示范奖”

2022	第一届江苏省生物医学工程教学竞赛特等奖
2022	ACS2022 秋季年会亚太分析化学学生分会优秀研究导师
2022	爱思唯尔 (Elsevier) 2021 年中国高被引学者
2021	爱思唯尔 (Elsevier) 2020 年中国高被引学者
2020	爱思唯尔 (Elsevier) 2019 年中国高被引学者
2019	2018 年度 Nanoscale Horizons 期刊卓越论文奖
2017	国家自然科学基金优秀青年科学基金项目获得者
2015	英国皇家化学会会士 (FRSC)
2014	江苏省“双创计划”创新人才
2012	国家青年千人计划
2008	中国科学院院长优秀奖
2008	中国科学院研究生院优秀毕业生
2007	中国科学院研究生院优秀学生
2003	南京大学优秀毕业生

主要研究成果

在纳米酶及其分析应用、基于蛋白质-金属相互作用的新型功能化生物纳米材料、基于核酸碱基-金属相互作用的功能化纳米材料/传感器、新型功能化核酸传感器、纳米材料增强固态电化学发光等方面开展了较为系统的研究，取得了系列原始创新性科研成果。自开展研究工作以来，在 Nature Nanotechnology、Nature Reviews Methods Primers、Nature Communications、Science Advances、Angewandte Chemie International Edition、Advanced Materials、Nano Letters、Chemical Society Reviews、Analytical Chemistry 等刊物发表 100 余篇研究论文，论文被引用 23000 余次，H-指数为 68。有 1 篇论文引用超过 3000 次，有 1 篇论文引用超过 2000 次，1 篇论文引用超过 1000 次。有多篇论文被选为封面论文、ISI Essential Science Indicators “高被引用论文(Highly Cited Paper)”、“研究前沿(Research Front)”及“热点论文(Hot Paper)”等。撰写专著 16 篇章；申请专利并授权 8 件。

专业科研活动

期刊编委 (Associate Editor)

ACS Nano Medicine (2025-now)

期刊编委 (Associate Editor for Reviews)

Chinese Journal of Chemistry (2022-2025)

期刊编委

Scientific Reports (2014-2021)

专辑编辑

Advanced Healthcare Materials (Special Issue "Nanozymes", 2025) (Co-Editor)

Advanced Materials (Special Issue "Nanozymes", 2024) (Co-Editor)

Analytical and Bioanalytical Chemistry (Special Issue "Nanozymes", 2024) (Co-Editor)

Chinese Journal of Chemistry (Special Issue Dedicated to Professor Erkang Wang on the Occasion of

His 90th Birthday, 2023) (Co-Editor)

Journal of Materials Chemistry B and Nanoscale (Themed Collection on "Nanozymes", 2023) (Co-Editor)

ChemBioChem and European Journal of Inorganic Chemistry (Special Collections "Inorganic Enzyme Mimics", 2020)

Theranostics (Special Issue "Noble-metal Nanostructures for Theranostics", 2020) (Co-Editor)

Molecules (Special Issue "Nanozymes and Beyond", 2016)

专业会议

2025 Session Co-Chair for 270th ACS National Meeting: Nanozymes for Bioanalysis & Beyond

2024 Session Co-Chair for 268th ACS National Meeting: Nanozymes for Bioanalysis & Beyond

2023 Session Co-Chair for 266th ACS National Meeting: Nanozymes for Bioanalysis & Beyond

2020 Session Chair for 260th ACS National Meeting: Nanozymes for Bioanalysis & Beyond

2019 Session Chair for 258th ACS National Meeting: Nanozymes for Bioanalysis & Beyond

2018 Session Chair for 256th ACS National Meeting: Nanozymes for Bioanalysis

2021 Session Chair for 3rd Conference on Biomotors, Virus Assembly, and Nanobiotechnology: Nanozymes: The Next Generation of Artificial Enzymes

2017 Session Co-Chair for 15th Chinese Biophysics Congress: Biomimetic Nanocatalysis

2016 Facilitator for Conferee Networking Session of Pittcon 2016: Nanozymes in Analytical Chemistry and Beyond Session

专业学会会员

中国化学学会 (2023-至今, 高级会员)

美国化学学会

中国生物物理学会 (2019-至今, 纳米酶分会

美国生物医学工程学会

秘书长)

英国皇家化学学会

江苏省生物医学工程学会 (理事)

期刊审稿人

ACS Applied Bio Materials

Advanced Materials

ACS Applied Materials & Interfaces

Advanced Materials Interfaces

ACS Applied Nano Materials

Advanced Therapeutics

ACS Applied Polymer Materials

Advances in Polymer Technology

ACS Biomaterials Science & Engineering

Aerosol and Air Quality Research

ACS Catalysis

Analyst

ACS Nano

Analytica Chimica Acta

ACS Omega

Analytical and Bioanalytical Chemistry

ACS Sensors

Analytical Biochemistry

ACS Sustainable Chemistry & Engineering

Analytical Chemistry

Acta Biomaterialia

Analytical Methods

Acta Chimica Sinica

Angewandte Chemie International Edition

Advanced Functional Materials

APL Materials

Advanced Healthcare Materials

Applied Catalysis B: Environmental

Applied Materials Today
Applied Surface Science
Bioconjugate Chemistry
Biomaterials
Biomaterials Science
Biophysics Reports
Biosensors and Bioelectronics
BMEMat
British Journal of Pharmacology
Carbon
Catalysis Communications
Catalysis Letters
Catalysis Science & Technology
CCS Chemistry
ChemBioChem
ChemCatChem
ChemElectroChem
Chemical Communications
Chemical Engineering Journal
Chemical Research in Chinese Universities
Chemical Reviews
Chemical Science
Chemical Society Reviews
Chemistry-A European Journal
Chemistry-An Asian Journal
ChemistrySelect
ChemNanoMat
Chinese Chemical Letters
Chinese Journal of Analytical Chemistry
Chinese Journal of Chemical Engineering
Chinese Journal of Chemistry
Chinese Journal of Inorganic Chemistry
Colloid and Polymer Science
Colloids and Surfaces B: Biointerfaces
Comprehensive Reviews in Food Science and Food Safety
Coordination Chemistry Reviews
Critical Reviews in Analytical Chemistry
CrystEngComm
Current Opinion in Biotechnology
Current Opinion in Food Science
Dalton Transactions
Electroanalysis
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Electrochimica Acta
Environmental Science: Advances
Environmental Science: Nano
Environmental Science & Technology
Exploration
Green Chemistry
IEEE Sensors
IEEE Transactions on Biomedical Engineering
Industrial & Engineering Chemistry Research
Inorganic Chemistry
Inorganic Chemistry Communications
International Journal of Smart and Nano Materials
Ionics
iScience
Israel Journal of Chemistry
IUBMB Life
Journal of Agricultural and Food Chemistry
Journal of Alloys and Compounds
Journal of Analysis and Testing
Journal of Analytical Science and Technology
Journal of Clinical Investigation
Journal of Colloid and Interface Science
Journal of Controlled Release
Journal of Electroanalytical Chemistry
Journal of Electrochemistry
Journal of Hazardous Materials
Journal of Materials Chemistry B
Journal of Materials Research
Journal of Materials Science
Journal of the American Chemical Society

Journal of the Chinese Institute of Engineers
Journal of the Taiwan Institute of Chemical Engineers
Langmuir
Materials Advances
Materials Chemistry Frontiers
Materials Genome Engineering Advances
Materials Horizons
Materials Science & Engineering C
Materials Today Bio
Materials Today Chemistry
Materials Today Nano
Matter
Metallomics
Microchemical Journal
Microchimica Acta
Micro & Nano Letters
Molecules
Nano Energy
Nano Letters
Nano-Micro Letters
Nano Research
Nano Select
Nano Today
Nanoscale
Nanotheranostics
National Science Review
Nature Catalysis
Nature Chemistry
Nature Communications
Nature Nanotechnology
Nature Protocols
Nature Sustainability
Neuron
New Journal of Chemistry
Particle & Particle Systems Characterization
Particuology
Pesticide Biochemistry and Physiology
Physical Chemistry Chemical Physics
Polymer Chemistry
Proceedings of the National Academy of Sciences of the United States of America
Progress in Biochemistry and Biophysics
Pure and Applied Chemistry
Research
RSC Advances
Science Advances
Science Bulletin
SCIENCE CHINA Life Sciences
Scientia Sinica Chimica
Scientia Sinica Vitae
Sensors & Actuators: B. Chemical
Small
Small Methods
Spectrochimica Acta Part A
Spectroscopy Letters
Talanta
Theranostics
Trends in Chemistry
WIREs Nanomedicine & Nanobiotechnology
ZAAC (Zeitschrift für anorganische und allgemeine Chemie)

论文

191. Haoqiang Zhang,[#] Fuying Zhu,[#] Tao Song,[#] Yisong Ju, Congzhong Yang, Tianshu Zhang, Jiang Du, Liang Shi, Qiuling Yue,^{*} Hui Wei,^{*} Xiaozhi Zhao,^{*} “S-Doped Fe–N–C Single-Atom Nanozyme with Enhanced Oxidase-Like Activity for Colorimetric Detection of Serotonin”, *ACS Applied Materials & Interfaces*, **2025**, Accepted.

- Invited paper for special issue on “Nanozymes: Design, Mechanisms and Applications”.

190. Wanling Liu, Yihong Zhang, Xiaomiao Cui, Qi Sun, Xiang Gu, Tong Li, Shicheng He, Zhexue Qin, Hui Wei,* “An Ultrasmall Theranostic Nanozyme for Abdominal Aortic Aneurysms Management and Therapeutic Efficacy Monitoring”, *Science Advances*, **2025**, 11, eadz3713.

- Highlighted in *Medical Xpress*: Ultrasmall theranostic nanozyme offers new hope for abdominal aortic aneurysm management.

189. Xiaolin Song, Xingfa Gao,* Hui Wang, Fangzhi Yu, Mengmeng Qin, Yiye Li, Yixuan Liu, Wei Feng, Caiyu Zhou, Nikita N. Chukavin, Liming Wang, Xuejing Cui, Xinghua Shi,* Lele Li,* Huan Meng,* Guangjun Nie,* Hao Wang,* Jinming Hu,* Liang Yan,* Yu Chen,* Lizeng Gao,* Anton L. Popov,* Hui Wei,* Chunying Chen,* Yuliang Zhao,* “Artificial Intelligence for Nanomedicine”, *Science China Chemistry*, **2025**, 68, 4552–4594.

188. Pinwen Zhou,# Qi Sun,# Longchang Huang,# Yufei Xia, Jiaqi Wang, Dongze Mo, Christopher J. Butch, Chenmei Li, Li Zhang, Xuejin Gao, Hui Wei,* Xinying Wang,* “Dual-Targeting Mn@CeO₂ Nanozyme-Modified Probiotic Hydrogel Microspheres Reshape Gut Homeostasis in Inflammatory Bowel Disease”, *ACS Nano*, **2025**, 19, 31619–31642.

187. Yixin Wu, Shen Xu, Mengqing Sun, Hui Wei, Faheem Muhammad, Lizhu Liu, Gaoling Shi, Yan Gao,* “Mn-Doped Cerium Dioxide Nanozyme Mediates ROS Homeostasis and Hormone Metabolic Network to Promote Wheat Germination Under Low-Temperature Conditions”, *Chemical and Biological Technologies in Agriculture*, **2025**, 12, 92.

186. Shujie Liu, Sheng Zhao, Qi Sun, Quanyi Liu, Yihong Zhang, Yixuan Li, Lifeng Jiang, Tong Li, Jianan Cao, Jiansen Wang, Jingyuan Zhao, Xiaomiao Cui, Jingjing Zhang, Xinkun Ren, Yan Du, Liming Zheng,* Qing Jiang,* Hui Wei,* “Nanozyme-Engineered Liners for Proactive Immunomodulation Against Wear Particle-induced Osteolysis”, *Nature Communications*, **2025**, 16, *Accepted*.

185. Maria A. Komkova,* Aleksandra A. Shneiderman, Elena S. Povaga, Yuting Wang, Xiwen

Chen, Alexander L. Kustov, Congzhong Yang, Hui Wei, Arkady A. Karyakin, “Peculiarities of redox catalysis with peroxidase-like nanozymes”, *ACS Applied Materials & Interfaces*, **2025**, 17, 40964–40973.

- Invited paper for special issue on “Nanozymes: Design, Mechanisms and Applications”.

184. Jie Lv,[#] Faheem Muhammad,[#] Zheng Wang, Chenfeng Qiao, Xiang Gu, Yuan Liu, Weitong Li, Wenli Gong, Zhongyang Lv, Yuxiang Fei, Liqian Peng, Zhihao Lu, Nuo Xu, Chunqing Hu, Hanwen Zhang, Rui Wu, Xingquan Xu, Hui Wei,^{*} Ziyang Sun,^{*} Dongquan Shi,^{*} “Defective RuO₂ Nanospheres Attenuate Osteoarthritis Progression via Suppressing the ROS/NLRP3/Caspase-1 Signaling Pathway”, *ACS Nano*, **2025**, 19, 23080–23095.

183. Chenfeng Qiao,[#] Ziyang Sun,[#] Faheem Muhammad,[#] Wenli Gong, Jintao Lin, Jie Lv, Xi Cheng, Yuxiang Fei, Nuo Xu, Ya Xie, Ruiyang Jiang, Chenguang Lin, Haoyu Yang, Zhongyang Lv, Zheng Wang, Yuan Liu, Zhihao Lu, Xiang Gu, Zhaofeng Zhang, Chunqing Hu, Hanwen Zhang, Jia Meng, Xiaojiang Yang, Dongquan Shi,^{*} Hui Wei,^{*} Nirong Bao,^{*} “Ruthenium Oxide Nanozyme for Tendinopathy Treatment via Countering Ferroptosis”, *Advanced Healthcare Materials*, **2025**, 14, 2501035.

182. Min Zhou, Minxuan Zhang, Jiayuan Feng, Fuying Zhu, Tong Li, Qi Mei, Gen Wei, Hui Wei,^{*} “Nanocatalytic therapy for pneumonia by a hetero-element-doped carbon nanozyme”, *Advanced Healthcare Materials*, **2025**, 14, 2500725.

181. Quanyi Liu, Qi Fang, Hui Wei,^{*} Yan Du,^{*} “Nitrogen-doped Carbon-supported Ruthenium Metal Atom Nanozyme for Colorimetric Determination of Xanthine Oxidase Inhibitors”, *Chinese Journal of Analytical Chemistry*, **2025**, 53, 516–524.

刘全艺、房琦、魏辉^{*}、杜衍^{*}，氮掺杂碳载钌金属原子纳米酶用于黄嘌呤氧化酶活性分析及其抑制剂的比色检测，《分析化学》，**2025**, 53, 516–524.

180. Yufeng Liu,[#] Jing Zhang,[#] Yuxin Wan,[#] Cong Li, Shuai Cui, Xuejiao J. Gao,^{*} Hui Wei,^{*} Dongzhi Yang,^{*} “Engineering perovskite hydroxide as a cold-adapted oxidase mimic for construction of the robust low-temperature adaptive biosensors”, *ACS Sensors*, **2025**, 10, 1844–1856.

179. Ning Zhang,* Menghan Gao,# Xiaolong Hu,# Peng Wang, Yuan Cheng, Hui Wei, Guosheng Fu, Junbo Ge, Hongjun Li, Wenbin Zhang,* Binqian Zhou,* “Biomimetic peroxisome targets myocardial injury and promotes heart repair and regeneration”, *Biomaterials*, **2025**, 319, 123214.
178. Kelong Fan,* Hui Wei,* “Nanozymes-Enabled Advanced Healthcare Materials (Editorial)”, *Advanced Healthcare Materials*, **2025**, 14, 2500327.
177. Jiang Du,# Zhenzhen Wang,# Quan Wang,# Xiang Gu, Xingfa Gao, Hui Wei,* “ t_2 Occupancy as an Effective and Predictive Descriptor for the Design of High-Performance Spinel Oxide Peroxidase-like Nanozymes”, *Angewandte Chemie International Edition*, **2025**, 64, e202421790.
- Highlighted in [phys.org](https://www.phys.org): Predictive descriptor unlocks high-performance nanozymes for peroxidase-like activity.
 - Selected as a “Hot Paper”.
176. Min Zhou, Jiayuan Feng, Qi Mei, Tong Li, Yihong Zhang, Wanling Liu, Hui Wei,* “A Powerful Tumor Catalytic Therapy by an Enzyme-Nanozyme Cascade Catalysis (ENCAT) System”, *Small*, **2025**, 21, 2409363.
175. Yuyang Li,# Faheem Muhammad,# Xiwen Chen,# Deao Gu, Wen Li, Jiayi Tang, Mingyue Cheng, Jiang Du, Shuwei Qiao, Yu Deng, Qing Yu, Hui Wei,* Leiying Miao,* “Smart multifunctional $\text{Cu}_2\text{O}@\text{RuO}_2$ nanozyme for angiogenesis and osteogenesis in periodontitis”, *Nano Today*, **2025**, 61, 102624.
174. Faheem Muhammad,# Xiwen Chen,# Qi Sun, Yuting Wang, Dongze Mo, Yuyang Li, Leiying Miao, Hui Wei,* “Topotactic Transformation in Fe_3O_4 Induces Spontaneous Growth of Compositionally Diverse Nanostructures”, *Angewandte Chemie International Edition*, **2025**, 64, e202418925.
- Selected as a “Hot Paper”.
173. Ziyang Sun,# Faheem Muhammad,# Chenfeng Qiao, Wenli Gong, Zheng Wang, Yuan Liu, Xin Yu, Jian Dong, Jie Lv, Xi Cheng, Zhihao Lu, Chenguang Lin, Zhongyang Lv, Wenshuang Sun, Tao Yuan, Jia Meng, Rui Wu, Dongquan Shi,* Hui Wei,* Nirong Bao,*

- “Templated Synthesis of Hollow RuO₂ Nanospheres for Alleviating Metal Wear Particle-Induced Osteoclast Activation and Bone Loss”, *Small*, **2025**, 21, 2406210.
172. Min Zhou,[#] Faheem Muhammad,[#] Yihong Zhang, Tong Li, Jiayuan Feng, Jingyuan Zhao, Hui Wei,^{*} “Copper depletion-induced tumor cuproptosis”, *Chemical Science*, **2025**, 16, 4226–4236.
- Highlighted in [phys.org](#): Scientists develop copper depletion strategy for advanced cuproptosis therapy.
171. Bing Huang, Xiaoyu Wang, Chaoguang He, Yongkang Zhang, Pan Qi, Ying Wang, Tong Li, Huixia Fu, Hui Wei, Cunlan Guo,^{*} “Tunable Rectification in 2D Porphyrinic Metal–Organic Framework Nanosheets Molecular Heterojunctions”, *Advanced Electronic Materials*, **2025**, 11, 2400773.
170. Tong Li,[#] Xiaoyu Wang,[#] Yuting Wang, Yihong Zhang, Sirong Li, Wanling Liu, Shujie Liu, Yufeng Liu, Hang Xing, Ken-ichi Otake, Susumu Kitagawa, Jiangjiexing Wu,^{*} Hao Dong,^{*} Hui Wei,^{*} “Microenvironmental modulation breaks intrinsic pH limitations of nanozymes to boost their activities”, *Nature Communications*, **2024**, 15, 10861.
- Selected for inclusion in the themed collection: Nobel Prize in Chemistry 2025.
 - Selected for inclusion in the themed collection: Synthetic Catalysts for Biomedicine and Biotechnology.
169. Vipul Bansal,^{*} Sudipta Seal,^{*} Hui Wei,^{*} “Introduction to nanozymes (Editorial)”, *Analytical and Bioanalytical Chemistry*, **2024**, 416, 5855–5857.
168. Jiansen Wang, Yihong Zhang, Yuting Wang, Qi Sun, Hui Wei,^{*} “Ligand Substitution of UiO-66-2OH for Universal Phosphate Detection”, *ACS Applied Nano Materials*, **2024**, 7, 19466–19472.
167. Jingyuan Zhao, Qi Sun, Dongze Mo, Jiayuan Feng, Yuting Wang, Tong Li, Yihong Zhang, Hui Wei,^{*} “A Self-Cascade Oxygen-Generating Nanomedicine for Multimodal Tumor Therapy”, *Small*, **2024**, 20, 2403523.
166. Yu Yang,[#] Jiang Du,[#] Jingjing Gan, Xiang Song, Jiaxin Shu, Chaoli An, Li Lu,^{*} Hui Wei,^{*}

Junyi Che,* Xiaozhi Zhao,* “Neutrophil-mediated Nanozyme Delivery System for Acute Kidney Injury Therapy”, *Advanced Healthcare Materials*, **2024**, 13, 2401198.

165. Didar Baimanov,# Su Li,# Xuejiao J. Gao,# Rui Cai, Ke Liu, Junjie Li, Yuchen Liu, Yalin Cong, Xiaoyu Wang, Fen Liu, Qi Li, Guofang Zhang, Hui Wei, Jian Wang, Chunying Chen, Xingfa Gao,* Yang Li,* Liming Wang,* “A phosphatase-like nanomaterial promotes autophagy and reprograms macrophages for cancer immunotherapy”, *Chemical Science*, **2024**, 15, 10838–10850.

164. Yelixza I. Avila,# Laura P. Rebolledo,# Elizabeth Skelly,# Renata de Freitas Saito, Hui Wei, David Lilley, Robin E. Stanley, Ya-Ming Hou, Haoyun Yang, Joanna Sztuba-Solinska, Shi-Jie Chen, Nikolay V. Dokholyan, Cheemeng Tan, Kevin Li, Xiaoming He, Xiaoting Zhang, Wayne Miles, Elisa Franco, Daniel W. Binzel, Peixuan Guo,* Kirill A. Afonin,* “Cracking the Code: Enhancing Molecular Tools for Progress in Nanobiotechnology”, *ACS Applied Bio Materials*, **2024**, 7, 3587–3604.

163. Yihong Zhang, Gen Wei, Wanling Liu, Tong Li, Yuting Wang, Min Zhou, Yufeng Liu, Xiaoyu Wang, Hui Wei,* “Nanozymes for nanohealthcare”, *Nature Reviews Methods Primers*, **2024**, 4, 36.

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162. Yufeng Liu, Jing Zhang, Shuai Cui, Hui Wei,* Dongzhi Yang,* “Perovskite hydroxide-based laccase mimics with controllable activity for environmental remediation and biosensing”, *Biosensors and Bioelectronics*, **2024**, 256, 116275.

161. Yihong Zhang,# Wanling Liu,# Gen Wei, Quanyi Liu, Guoqiang Shao, Xiang Gu, Xiaomiao Cui, Zijun Zhou, Yuting Wang, Sheng Zhao, Faheem Muhammad, Sirong Li, Tong Li, Yan Du, Hui Wei,* “Bioinspired nanozymes as nanodecoys for urinary tract infection treatment”, *ACS Nano*, **2024**, 18, 9019–9030.

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160. Gen Wei,# Shujie Liu,# Yung-Kang Peng, Hui Wei,* “On the specificity of nanozymes: a

perspective”, *Chinese Journal of Chemistry*, **2024**, 42, 1515–1522.

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159. Liming Zheng,[#] Sheng Zhao,[#] Yixuan Li,[#] Jiankun Xu, Wenjin Yan, Baosheng Guo, Jianbin Xu, Lifeng Jiang, Yifeng Zhang,^{*} Hui Wei,^{*} Qing Jiang,^{*} “Engineered MgO Nanoparticles for Cartilage-Bone Synergistic Therapy”, *Science Advances*, **2024**, 10, eadk6084.

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158. Lizeng Gao,^{*} Hui Wei,^{*} Shaojun Dong,^{*} Xiyun Yan,^{*} “Nanozymes (Guest Editorial)”, *Advanced Materials*, **2024**, 36, 2305249.

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- [南京日报：南大科研团队为急性胃肠炎治疗提供新选择。](#)

156. Jia-Jia Zheng,[#] Xiaoyu Wang,[#] Zeqi Li,[#] Xiaomei Shen, Wei Gen, Pufei Hong Xia, Yi-Ge Zhou,^{*} Hui Wei,^{*} Xingfa Gao,^{*} “Integrated Computational and Experimental Framework for Inverse Screening of Candidate Antibacterial Nanomedicine”, *ACS Nano*, **2024**, 18, 1531–1542.

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154. Ran Xu,[#] Sijie Zhang,[#] Peixia Wang,[#] Ruofei Zhang, Peihuan Lin, Yang Wang, Lizeng Gao, Hui Wei, Xiaodong Zhang, Daishun Ling, Xiyun Yan, Kelong Fan,^{*} “Nanozyme-Based Strategies for Efficient Theranostics of Brain Diseases”, *Coordination*

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153. Bijun Zhu,[#] Jiangjiexing Wu,^{#,*} Tong Li, Songtao Liu, Junheng Guo, Yijun Yu, Xinyi Qiu, Yue Zhao, Haoran Peng, Jinli Zhang,^{*} Leiying Miao,^{*} Hui Wei,^{*} “A glutathione peroxidase-mimicking nanozyme precisely alleviates reactive oxygen species and promotes periodontal bone regeneration”, *Advanced Healthcare Materials*, **2024**, 13, 2302485.
152. Quanyi Liu, Xiaoyu Wang,^{*} Yihong Zhang, Qi Fang, Yan Du,^{*} Hui Wei,^{*} “A Metal–Organic Framework-Derived Ruthenium-Nitrogen-Carbon Nanozyme for Versatile Hydrogen Sulfide and Cystathionine γ -Lyase Activity Assay”, *Biosensors and Bioelectronics*, **2024**, 244, 115785.
151. Shaoqin Liu,^{*} Vincent M. Rotello,^{*} Asier Unciti-Broceta,^{*} Hui Wei,^{*} “Introduction to nanozymes (Editorial)”, *Journal of Materials Chemistry B*, **2023**, 11, 10979–10981.
150. Quanyi Liu, Sheng Zhao, Yihong Zhang, Qi Fang, Wanling Liu, Rong Wu, Gen Wei, Hui Wei,^{*} Yan Du,^{*} “Nanozyme-Cosmetic Contact Lenses for Ocular Surface Disease Prevention”, *Advanced Materials*, **2023**, 35, 2305555.
149. Wanling Liu,[#] Yihong Zhang,[#] Gen Wei, Minxuan Zhang, Tong Li, Quanyi Liu, Zijun Zhou, Yan Du, Hui Wei,^{*} “Integrated cascade nanozymes with antisenescence activities for atherosclerosis therapy”, *Angewandte Chemie International Edition*, **2023**, 62, e202304465.
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148. Yuting Wang,[#] Tong Li,[#] Hui Wei,^{*} “Determination of the maximum velocity of a peroxidase-like nanozyme”, *Analytical Chemistry*, **2023**, 95, 10105–10109.
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魏辉, 纳米酶: 下一代人工模拟酶 (邀请口头报告), 第六届全国生物物理化学大会, 2019年10月23日-2019年10月26日, 中国, 衡阳。
54. Hui Wei, “Peroxidase-like Nanozymes: rational design and bioanalytical applications” (Oral Presentations), *China Association for Science and Technology 383rd Young Scientists Forum: Artificial Enzyme and Directed Evolution*, 2019-October-20—2019-October-21, Beijing, China.

魏辉, 类过氧化物酶纳米酶: 理性设计及生物分析应用 (口头报告), 中国科协第 383 次青年科学家论坛: 人工酶定向进化, 2019 年 10 月 20 日-2019 年 10 月 21 日, 中国, 北京。

53. Hui Wei, “e_g occupancy as an activity descriptor for guiding the design of transitional oxide-based peroxidase mimics” (Oral Presentations), *The 258th ACS National Meeting & Exposition*, 2019-August-25—2019-August-29, San Diego, USA.
52. Hui Wei, “Design principles for transition metal oxides-based peroxidase mimics” (Rapid Fire Presentations), *Nature Conferences: Biomimetics in Bioengineering*, 2019-August-04—2019-August-06, Brisbane, Australia.
51. Hui Wei, “Rational Design of Transition Metal Oxides-based Peroxidase Mimics” (Invited Oral Presentations), *2nd Conference on Biomotors, Virus Assembly, and Nanobiotechnology Applications*, 2019-July-29—2019-July-31, Columbus, USA.
50. Hui Wei, “Nanozymes: their catalysis, mechanisms, and future directions”, *Symposium on Development Strategy of Nanobiology Discipline*, 2018-November-02—2018-November-03, Kunshan, China.
魏辉, 纳米酶的催化行为及其机制和未来研究展望, 纳米生物学学科发展战略研讨会, 2018 年 11 月 2 日-2018 年 11 月 3 日, 中国, 昆山。
49. Hui Wei, “Nanozymes and their applications”, *Workshop on Nanozymes*, 2018-November-01—2018-November-02, Kunshan, China.
魏辉, 纳米酶的应用研究, 纳米酶研讨会, 2018 年 11 月 1 日-2018 年 11 月 2 日, 中国, 昆山。
48. Hui Wei, “Nanozymes for in vitro and in vivo bioanalysis” (Invited presentations), *The 9th Asian Conference on Nanoscience and Nanotechnology*, 2018-October-18—2018-October-21, Qingdao, China.
47. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited presentations), *The 14th National Conference on Bioinorganic Chemistry*, 2018-October-18—2018-October-21, Nanjing, China.
魏辉, 纳米酶: 下一代人工模拟酶 (邀请报告), 中国化学会第 14 届全国生物无机化学学术会议, 2018 年 10 月 18 日-2018 年 10 月 21 日, 中国, 南京。
46. Hui Wei, “Nanozymes for in vitro detection and live bioassays” (Invited presentations), *The 256th ACS National Meeting & Exposition*, 2018-August-19—2018-August-23, Boston, USA.
45. Hui Wei, “Nanozymes for in vitro and in vivo bioanalysis” (Invited presentations), *The 3rd Sino-American Nanomedicine Symposium*, 2018-July-28—2018-July-30, Nanjing, China.

44. Hui Wei, “Nanozymes for in vitro and in vivo bioanalysis” (Invited Presentations), *The 6th Biomedical Magnetic Nanotechnology & The 7th Doctoral Forum of Biological and Medical Nanotechnology*, 2018-June-30—2018-July-01, Xi’an, China.
魏辉, 纳米酶用于体外和活体生物分析研究, 第六届生物医用磁学纳米技术研讨会暨第七届全国生物与医学纳米技术博士生论坛, 2018年6月30日-2018年7月1日, 中国, 西安。
43. Hui Wei, “Nanozymes for in vitro and in vivo bioanalysis” (Invited presentations), *8th International Symposium on Bioanalysis, Biomedical Engineering*, 2018-May-25—2018-May-27, Changsha, China.
42. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited oral presentations), *The 31st Chinese Chemical Society Congress*, 2018-May-05—2018-May-08, Hangzhou, China.
魏辉, 纳米酶: 下一代人工模拟酶(第七分会邀请报告), 中国化学会第31届学术年会, 2018年5月5日-2018年5月8日, 中国, 杭州。
41. Hui Wei, “Nanozymes: Next Generation of Artificial Enzymes” (Invited Presentations), *First Electroanalytical Chemistry Symposium & CAS One Belt and One Road International Collaboration Workshop*, 2018-May-2—2018-May-4, Ningbo, China.
魏辉, 纳米酶: 下一代人工模拟酶, 首届电分析化学交叉论坛暨中科院一带一路国际合作论坛, 2018年5月2日-2018年5月4日, 中国, 宁波。
40. Hui Wei, Invited Attendee, *Forum on Frontiers of Science & Technology for “Nanotechnology in the Post-genomic Era”*, 2018-April-7—2018-April-8, Wuyuan, China.
魏辉, 邀请参会, “后基因组时代的纳米技术”科学与技术前沿论坛(中国科学院科技战略咨询研究院), 2018年4月7日-2018年4月8日, 婺源, 北京。
39. Hui Wei, “Nanozymes for analytical chemistry: from in vitro detection to live bioassays” (Invited Presentations), *2018 Annual Meeting of Nanobiology Branch of Biophysical Society of China*, 2018-April-6—2018-April-8, Wuyuan, China.
魏辉, 纳米酶在分析化学中的应用研究: 从体外检测到活体分析(邀请报告), 2018中国生物物理学会纳米生物学分会学术年会, 2018年4月6日-2018年4月8日, 中国, 婺源。
38. Hui Wei, “Nanozymes: Next Generation of Artificial Enzymes” (Invited Presentations), *The 2nd Youth Scientists Forum on Nanoscience and Technology*, 2017-October-29—2017-October-31, Beijing, China.
魏辉, 纳米酶: 下一代人工酶(特邀报告), 第二届青年纳米论坛, 2017年10月29日-2017年10月31日, 中国, 北京。
37. Hui Wei, “Nanozymes for live bioassays” (Oral Presentations), *Xiangshan Science*

Conferences on the Catalytic Mechanisms and Applications of Nanozymes (No. 606), 2017-October-12—2017-October-13, Beijing, China.

魏辉，纳米酶用于生物分析研究（口头报告），第606次香山科学会议：纳米酶催化机制与应用研究，2017年10月12日-2017年10月13日，中国，北京。

36. Hui Wei, “Nanozymes: Next Generation of Artificial Enzymes” (Oral Presentations), *The 17th Beijing Conference and Exhibition on Instrumental Analysis (BCEIA2017)*, 2017-October-09—2017-October-11, Beijing, China.

35. Hui Wei, “Nanozymes for Bioanalytical and Biomedical Applications” (Poster Presentations), *The 6th International Conference on DNA Nanotechnology*, 2017-August-26—2017-August-28, Beijing, China.

34. Hui Wei, “Nanozymes: Next Generation of Artificial Enzymes” (Invited Oral Presentations), *First Conference on Biomotors, Virus Assembly, and Nanobiotechnology Applications*, 2017-August-16—2017-August-19, Columbus, USA.

33. Hui Wei, “Integrated Nanozymes for Living Bioassays” (Invited Oral Presentations), *Annual Meeting for Division of Nanomedicine, Jiangsu Society of Biomedical Engineering*, 2017-June-27, Nanjing, China.

魏辉，集成化纳米酶用于活体分析（邀请口头报告），江苏省生物医学工程学会纳米医药专业委员会年会，2017年6月27日，中国，南京。

32. Hui Wei, “Rational Design of High Performance Nanozymes for Bioanalytical and Biomedical Applications” (Poster Presentations), *The 12th Sino-US symposium on Nanoscale Science and Technology*, 2017-May-25—2017-May-28, Beijing, China.

31. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited Oral Presentations for Special Session on Nanozymes), *The 5th Biomedical Magnetic Nanotechnology & The 6th Doctoral Forum of Biological and Medical Nanotechnology*, 2017-May-20—2017-May-22, Suzhou, China.

魏辉，纳米酶：下一代人工模拟酶（纳米酶专题沙龙，邀请口头报告），第五届生物医用磁学纳米技术研讨会暨第六届全国生物与医学纳米技术博士生论坛，2017年5月20日-2017年5月22日，中国，苏州。

30. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited Oral Presentations), *Strategic Forum on Discipline Development of Nanobiology*, 2017-May-15—2017-May-16, Shenzhen, China.

魏辉，纳米酶：下一代人工模拟酶（邀请口头报告），纳米生物学学科发展战略研讨会，2017年5月15日-2017年5月16日，中国，深圳。

29. Hui Wei, “Self-assembly Approach to Integrated Nanozymes: Rational Design and

- Biomedical Applications” (Invited Oral Presentations), *The International Congress on Analytical Sciences 2017 (ICAS2017)*, 2017-May-05—2017-May-08, Haikou, China.
28. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Oral Presentations), *The 13th National Conference on Electroanalytical Chemistry*, 2017-April-14—2017-April-16, Nanchang, China.
魏辉, 纳米酶: 下一代人工模拟酶 (口头报告), 第 13 届全国电分析化学学术会议, 2017 年 4 月 14 日-2017 年 4 月 16 日, 中国, 南昌。
27. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Oral Presentations), *2016 National Conference on Analytical Chemistry for Life Science*, 2016-December-17—2016-December-19, Nanjing, China.
魏辉, 纳米酶: 下一代人工模拟酶 (口头报告), 2016 全国生命分析化学学术大会, 2016 年 12 月 17 日-2016 年 12 月 19 日, 中国, 南京。
26. Hui Wei, “Self-assembly Approach to Integrated Nanozymes: Rational Design and Biomedical Applications” (Oral Presentations), *2016 World Science Life Conference*, 2016-November-01—2016-November-03, Beijing, China.
25. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Poster presentations), *ACS Publications Symposium: Innovation in Molecular Science*, 2016-October-23—2016-October-25, Beijing, China.
24. Hui Wei, “Nanozymes: next wave of artificial enzymes” (Oral Presentations), *NanoBio 2016*, 2016-October-17—2016-October-19, Nanjing, China.
23. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Poster Presentations), *The Biomedical Engineering Society 2016 Annual Meeting*, 2016-October-05—2016-October-08, Minneapolis, USA.
22. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited oral presentations, No. 03-I-037), *The 30th Chinese Chemical Society Congress*, 2016-July-01—2016-July-04, Dalian, China.
魏辉, 纳米酶: 下一代人工模拟酶 (邀请口头报告, No. 03-I-037), 中国化学会第 30 届学术年会, 2016 年 7 月 1 日-2016 年 7 月 4 日, 中国, 大连。
21. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Poster Presentations), *The 11th Sino-US symposium on Nanoscale Science and Technology & Nano Research Award Symposium*, 2016-June-18—2016-June-20, Nanjing, China.
20. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Poster Presentations), *2016 International Symposium on Analytical Chemistry Frontiers & China-US Analytical Chemistry Workshop*, 2016-June-03—2016-June-06, Xiamen, China.

- Selected as the Best Poster Award.

- Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited Presentations), *The 7th International Symposium on Bioanalysis, Biomedical Engineering and Nanotechnology*, 2016-May-27—2016-May-29, Changsha, China.
- Hui Wei, “Self-assembly Approach to Integrated Nanozymes: Rational Design and Biomedical Applications” (Oral Presentations), *Pittcon 2016*, 2016-March-06—2016-March-10, Atlanta, USA.
- Hui Wei, “Biosensing based on functional nucleic acids and peptides” (Oral Presentations), *CBME' 2015*, 2015-October-16—2015-October-19, Nanjing, China.
魏辉, 基于功能化核酸及多肽的生物传感研究(口头报告), 2015年中国生物医学工程联合学术年会(CBME' 2015), 2015年10月16日-2015年10月19日, 中国, 南京。
- Hui Wei, “A Ratiometric Sensor for Monitoring Cerebral Species” (Invited & Oral Presentations, I-137), *The 15th International Symposium on Electroanalytical Chemistry*, 2015-August-13—2015-August-16, Changchun, China.
- Hui Wei, “Self-assembly approach to integrated nanozymes: rational design and biomedical applications” (Poster Presentations), *Gordon Research Conference: Cancer Nanotechnology (Nanomedicines from Laboratory to Clinical Reality)*, 2015-June-28—2015-July-03, West Dover, USA.
- Hui Wei, “A ratiometric electrochemical biosensor for effective and reliable detection of ascorbic acid in living brains” (Invited & Oral Presentations), *Workshop on Forssmann Translational Medicine (The 11th International Stroke Summit)*, 2015-June-12—2015-June-14, Nanjing, China.
- Hui Wei, “Self-assembly approach to integrated nanozymes: rational design and biomedical applications” (Poster Presentations), *Gordon Research Conference: Self-Assembly & Supramolecular Chemistry (From Molecular Information to Function)*, 2015-May-17—2015-May-22, Lucca, Italy.
- Hui Wei, “Self-assembly approach to integrated nanozymes: rational design and biomedical applications” (Invited & Oral Presentations), *Workshop on Nanozyme (ABA2015)*, 2015-May-09—2015-May-12, Shangyu, China.
- Hui Wei, “Rational design of integrated nanozymes for in vivo measuring cerebral species in living rats” (Poster Presentation), *Gordon Research Conference: RNA Nanotechnology (Converging Disciplines for the Advancement of Inter-RNA Interactions)*, 2015-February-01—2015-February-06, Ventura, USA.

10. Hui Wei, “Nanozymes and functional nanomaterials” (Invited & Oral Presentations), *Special Academic Forum for Outstanding Young and Middle-aged Researchers in Analytical Chemistry (NSFC)*, 2014-November-22—2014-November-23, Guangzhou, China.
魏辉, 纳米酶及功能纳米材料 (邀请口头报告), 2014 年分析化学优秀中青年学者研讨会, 2014 年 11 月 22 日-2014 年 11 月 23 日, 中国, 广州。
9. Hui Wei, “Biomolecule-directed approaches to functional nanomaterials: lysozyme as a model protein” (Invited & Oral Presentations), *Taishan Academic Forum (Qingdao University)*, 2014-October-10, Qingdao, China.
魏辉, 生物分子导向合成功能纳米材料: 以溶菌酶为模型蛋白质的研究 (邀请口头报告), 泰山学者论坛 (青岛大学), 2014 年 10 月 10 日, 中国, 青岛。
8. Hui Wei, “Self-assembly approach to integrated nanozymes: rational design and biomedical applications” (Poster Presentations), *Gordon Research Conference: Bioanalytical Sensors (Twenty First Century Technologies for Probing Biological Systems)*, 2014-June-22—2014-June-27, Newport, USA.
7. Hui Wei, “Biomolecule-directed approaches to functional nanomaterials: lysozyme as a model protein” (Invited & Oral Presentations), *The Batsheva de Rothschild Seminar on Functional Peptide and Protein Nanostructures (Research Workshop of the Israel Science Foundation)*, 2014-May-25—2014-May-28, Kibbutz Tzuba, Israel.
6. Hui Wei, “Protein directed approach to functional nanomaterials and their applications” (Poster Presentations), *The 12th National Conference on Electroanalytical Chemistry*, 2014-April-10—2014-April-13, Guilin, China.
魏辉, 生物分子导向合成功能纳米材料及其应用 (墙报), 第 12 届全国电分析化学学术会议, 2014 年 4 月 10 日-2014 年 4 月 13 日, 中国, 桂林。
5. Hui Wei, “Protein-directed Approaches to Functional Bionanomaterials” (Invited & Oral Presentations, I&O-39), *The 14th International Symposium on Electroanalytical Chemistry*, 2013-August-18—2013-August-20, Changchun, China.
4. Hui Wei, Ximei Qian, Shuming Nie, “SERS on a Bead: New Approaches to Cardiovascular Disease Biomarkers Diagnosis” (Poster Presentations, P-Th-A-227), *The Biomedical Engineering Society 2012 Annual Meeting*, 2012-October-24—2012-October-27, Atlanta, USA.
3. Hui Wei, Zidong Wang, Jiong Zhang, Stephen House, Yi-Gui Gao, Limin Yang, Howard Robinson, Li Huey Tan, Hang Xing, Changjun Hou, Ian M. Robertson, Jian-Min Zuo, Yi Lu, “Time-dependent and Protein-directed In Situ Growth of Gold Nanoparticles in a Single Crystal of Lysozyme” (Poster Presentations), *Imaging without Boundaries:*

Exploring the Science, Technology, and Applications of Imaging and Visualization, 2010-October-14—2010-October-15, Urbana, USA.

2. Hui Wei, Binging Li, Jing Li, Erkang Wang, “Simple, Sensitive and Label-free DNAzyme-based Colorimetric Sensing of Lead (Pb^{2+}) Using Unmodified Gold Nanoparticle Probes” (Poster Presentations, P132), *The 11th International and the 1st Sino-Japan Bilateral Symposium on Electroanalytical Chemistry*, 2007-August-16—2007-August-19, Changchun, China.

1. Hui Wei, Erkang Wang, “Tris(2,2'-bipyridine) ruthenium(II) doped silica films modified indium tin oxide electrode and its photophysical and electrochemiluminescent properties” (Oral presentations, No. 12-O-033), *The 25th Chinese Chemical Society Congress*, 2006-July-11—2006-July-14, Changchun, China.

魏辉、汪尔康，三联吡啶钌配合物掺杂硅薄膜修饰铟锡氧化物电极的光学、电化学和电化学发光表征（口头报告，No. 12-O-033），中国化学会第25届学术年会，2006年7月11日-2006年7月14日，中国，长春。

学术报告

2025 年 11 月 哈尔滨工业大学

2025 年 9 月 哈尔滨工程大学

2025 年 7 月 安徽医科大学

2025 年 6 月 Summar Camp Lecture, Nazarbayev University (Host: Yingqiu Xie, 在线)

2025 年 6 月 ACS Publications Webinar: Global Innovators: Breakthroughs in Sensors Research (在线)

2025 年 1 月 四川农业大学 (在线)

2024 年 7 月 兰州大学

2024 年 7 月 温州医科大学

2024 年 4 月 北京化工大学 (在线)

2024 年 4 月 国科温州研究院

2024 年 1 月 南京鼓楼医院

2023 年 9 月 南京大学 (苏州)

2023 年 7 月 南京师范大学

2023 年 7 月 山东大学齐鲁医院 (济南)

2023年6月 青岛科技大学

2023年6月 山东大学（青岛）

2022年10月 中国地质大学（武汉）（在线）

2022年10月 **Particuology** 期刊创新云论坛：生物颗粒与健康（在线）

2022年5月 济宁医学院（在线）

2021年11月 西北师范大学

2021年12月 中国科学院兰州化学物理研究所

2021年11月 上海大学（在线）

2021年10月 山西大学

2021年7月 山东科技大学

2021年7月 青岛大学

2021年7月 2021RSC 科学创造营：**Biomaterials Science** 新锐科学家系列报告会（在线）

2021年4月 闽南师范大学（在线）

2021年4月 南京工业大学

2021年3月 中国科学院长春应用化学研究所

2021年1月 韩国科学技术研究院 (KAIST, South Korea)（在线）

2020年12月 南京邮电大学

2020年12月 青岛农业大学（在线）

2020年11月 华南理工大学

2020年10月 厦门大学

2020年10月 武汉大学

2019年11月 南京大学

2019年10月 北京师范大学

2019年9月 天津科技大学

2019年9月 天津大学

2019年8月 中国药科大学

2019年8月 澳大利亚皇家墨尔本理工大学 (RMIT, Australia)

2019年8月 澳大利亚蒙纳士大学 (Monash University, Australia)
2019年6月 长春理工大学
2019年6月 吉林大学
2019年6月 东北师范大学
2019年6月 中国科学院长春应用化学研究所
2019年5月 浙江大学
2019年4月 南京大学
2018年12月 华东理工大学
2018年11月 华中师范大学
2018年10月 江苏大学
2018年8月 西南交通大学
2018年7月 西安交通大学
2018年6月 西北工业大学
2018年6月 中南大学
2018年6月 湖南大学
2018年5月 南京大学
2018年4月 西南大学
2018年3月 武汉大学
2017年12月 南京大学
2017年11月 南京农业大学
2017年10月 江南大学
2017年9月 南京医科大学
2017年8月 清华大学
2017年4月 苏州大学
2017年4月 江西师范大学
2017年4月 南昌大学
2016年6月 中国科学院长春应用化学研究所
2016年6月 美国佐治亚大学 (University of Georgia, Athens, USA)

2016年5月 南京大学
2016年2月 美国麻省大学 (University of Massachusetts, Amherst, USA)
2015年12月 中国科学院北京化学研究所
2015年11月 西北大学
2015年8月 陕西师范大学
2015年8月 西安交通大学
2015年4月 南华大学
2014年4月 南京大学
2013年11月 南京邮电大学
2013年5月 南京大学
2013年5月 南开大学
2012年6月 北京理工大学
2012年6月 中国科学院长春应用化学研究所

组内成员荣誉与奖励

2025 英才奖学金（博士生二等奖）（杜江）
2025 2025年南京大学优秀硕士学位论文（陈夕雯）
2025 南京大学2025届优秀毕业生（李通）
2025 南京大学2025届优秀毕业生（刘宛灵）
2025 第六届江苏省大学生生物医学工程创新设计竞赛三等奖（杜江、顾芾）
2024 英才奖学金（博士生二等奖）（刘宛灵）
2024 第九届全国大学生生物医学工程创新设计竞赛三等奖（刘宛灵、杨从忠）
2024 第九届全国大学生生物医学工程创新设计竞赛三等奖（顾芾、杜江）
2024 南京大学2024届优秀毕业生（魏良）
2024 南京大学2024届优秀毕业生（陈夕雯）
2024 南京大学2024届优秀毕业生（王雨婷）
2023 Journal of Electroanalytical Chemistry Poster Award of the 19th International Symposium on Electroanalytical Chemistry（王雨婷）
2023 Best Poster Award of ChinaNano 2023（赵婧媛）

- 2023 优秀研究生标兵（魏良）
- 2023 优秀研究生标兵（陈夕雯）
- 2023 研究生国家奖学金（王雨婷）
- 2023 中国光谷奖学金（魏良）
- 2023 中国光谷奖学金（李通）
- 2023 英才奖学金（刘宛灵）
- 2023 英才奖学金（陈夕雯）
- 2023 第四届江苏省大学生生物医学工程创新设计竞赛一等奖（魏良）
- 2023 第四届江苏省大学生生物医学工程创新设计竞赛二等奖（王博、顾芴）
- 2023 南京大学 2023 届优秀毕业生（林安琪）
- 2023 南京大学 2023 届优秀毕业生（俞纪元）
- 2022 优秀研究生标兵（林安琪）
- 2022 优秀研究生（陈夕雯）
- 2022 优秀研究生（冯佳媛）
- 2022 研究生国家奖学金（林安琪）
- 2022 研究生国家奖学金（周子君）
- 2022 2022 Steers Bursary Award（王小宇 博士）
- 2021 “创在建邺 赢在未来”青年大学生创业大赛三等奖（李思蓉、赵升、林安琪）
- 2021 优秀研究生（周子君）
- 2021 RSC2021 化学新星学术论坛墙报速递银奖（王小宇 博士）
- 2021 RSC2021 化学新星学术论坛口头报告二等奖（李思蓉）
- 2021 英才奖学金（程超群）
- 2021 第二届江苏省大学生生物医学工程创新设计竞赛优胜奖（王雨婷、俞纪元）
- 2020 第一届江苏省大学生生物医学工程创新设计竞赛优胜奖（陈夕雯、林霖、王雨婷）
- 2020 优秀研究生（李思蓉）
- 2020 优秀研究生（周敏）
- 2020 英才奖学金（李思蓉）

- 2020 英才奖学金（周敏）
- 2020 “南创”最佳研究生 Flash Talk（刘雨风）
- 2020 Nanoscale Horizons Community Board（武江洁星 博士）
- 2019 优秀研究生标兵（林世超）
- 2019 优秀研究生（刘雨风）
- 2019 Wiley Best Poster Prize (*NJU-Wiley Joint Conference on Microstructured Materials and Advanced Applications*, 2019-November-30—2019-December-01, Nanjing, China)（王小宇）
- 2019 英才奖学金（林世超）
- 2019 2019 百特中国青年研究者奖（二等奖）（林世超）
- 2019 2019 百特中国青年研究者奖（二等奖）（刘雨风）
- 2019 研究生国家奖学金（刘雨风）
- 2019 最佳口头报告奖（第七届生物医用磁学纳米技术研讨会暨第八届全国生物与医学纳米技术博士生论坛，2019年9月15日-2019年9月16日，中国，南京）（刘雨风）
- 2019 南京大学2019届优秀毕业生（王小宇）
- 2019 南京大学2019届优秀毕业生（秦漂）
- 2019 Student Travel Award of Nano Today 2019（王小宇）
- 2018 2018 百特中国青年研究者奖（二等奖）（王小宇）
- 2018 研究生国家奖学金（王小宇）
- 2018 研究生国家奖学金（秦漂）
- 2018 优秀研究生标兵（王小宇）
- 2018 优秀研究生（秦漂）
- 2018 南京大学博士研究生校长特别奖学金（林安琪）
- 2018 南京大学本科优秀毕业论文（二等奖）（林安琪）
- 2017 栋梁奖学金（王小宇）
- 2017 海航奖学金（王小宇）
- 2017 最佳口头报告奖（第五届生物医用磁学纳米技术研讨会暨第六届全国生物与医学纳米技术博士生论坛，2017年5月20日-2017年5月22日，中国，苏州）（胡

- 益辉)
- 2017 最佳墙报奖 (第五届生物医用磁学纳米技术研讨会暨第六届全国生物与医学纳米技术博士生论坛, 2017年5月20日-2017年5月22日, 中国, 苏州)(秦漂)
- 2016 Gordon F. Kirkbright Bursary Award (武江洁星 博士)
- 2016 研究生国家奖学金 (胡益辉)
- 2016 优秀研究生标兵 (胡益辉)
- 2016 英才奖学金 (林世超)
- 2016 工学院奖学金 (王小宇)
- 2016 南京大学第三届大学生学术科技作品展 一等奖 (袁丹、刘佳睿, 血糖仪用于肿瘤细胞的检测研究)
- 2015 Gordon F. Kirkbright Bursary Award (丁煜宾 博士)
- 2015 工学院奖学金 (王小宇)
- 2015 工学院奖学金 (施磊磊)

教学

《生物医学电子学》 (2014年春、2015年春、2016年秋、2017年秋、2018年秋、2019年秋、2020年秋、2021年秋、2022年秋、2023年秋、2024年秋)

《材料科学与工程进展》(每学期1次讲座) (2013年秋、2014年秋、2015年秋)

《生物医学工程进展》(每学期1次讲座) (2016年秋、2017年秋、2018年秋、2019年秋)

《生物医学概论》(医学院, 每学期1次讲座) (2017年秋)

《健康工程方法与原理》(主持, 每学期2次讲座) (2021年春、2022年春、2023年春、2024年春、2025年春)

《现代工学进展》(每学期1次讲座) (2021年秋、2022年秋、2023年秋、2024年秋)