

Hui Wei

Department of Biomedical Engineering

+86-25-89683272 (tel)

Nanjing University

weilab.nju.edu.cn (web)

163 Xianlin Ave., Nanjing, Jiangsu, 210023, P. R. China

weihui@nju.edu.cn (e-mail)

PROFESSIONAL POSITIONS

2013-present	Department of Biomedical Engineering, Nanjing University	Professor
2019-present	Chemistry and Biomedicine Innovation Center (ChemBIC) Nanjing University	PI
2011-2013	Department of Biomedical Engineering, Emory University <i>Advisor:</i> Professor Shuming Nie	Research Associate
2009-2011	Department of Chemistry, University of Illinois <i>Advisor:</i> Professor Yi Lu	Postdoctoral Researcher

EDUCATION

2009	Changchun Institute of Applied Chemistry, CAS <i>Advisor:</i> Professor Erkang Wang (Academician, CAS)	Ph.D. in Chemistry
2003	Department of Chemistry, Nanjing University <i>Advisor:</i> Professor Xinghua Xia	B.S. in Chemistry

AWARDS AND HONORS

2025	Highly Cited Researchers (Clarivate)	
2025	2025 Top 100 Outstanding Academic Achievement Papers in Natural Sciences of Jiangsu Province	
2025	Advances in Measurement Science Lectureship Awards	
2025	Elsevier Most Cited Chinese Researchers (2024)	
2025	Jiangsu Materials Research Society Outstanding Teaching Achievement Award (Grand Prize) (14/15)	
2024	Highly Cited Researchers (Clarivate)	
2024	Nature Awards Microbiome Accelerator	

- 2024 Excellent Research Advisor at the I&EC Virtual Asia-Pacific Graduate Students Symposium, ACS Spring 2024
- 2024 Elsevier Most Cited Chinese Researchers (2023)
- 2023 Dalton Horizon Prize
- 2023 Elsevier Most Cited Chinese Researchers (2022)
- 2023 Excellent Academic Mentor Award by Zheng Gang Fund of Nanjing University (2022)
- 2022 The Grand Prize for the First Biomedical Engineering Teaching Competition of Jiangsu Province
- 2022 Excellent Research Advisor at the ANLY Virtual Asia-Pacific Graduate Students Symposium, ACS Fall 2022
- 2022 Elsevier Most Cited Chinese Researchers (2021)
- 2021 Elsevier Most Cited Chinese Researchers (2020)
- 2020 Elsevier Most Cited Chinese Researchers (2019)
- 2019 Nanoscale Horizons 2018 Outstanding Paper Awards
- 2017 Winner of the National Natural Science Fund of China for Excellent Young Scholars
- 2015 Fellow of the Royal Society of Chemistry
- 2014 The Shuangchuang Program Award, Jiangsu Province
- 2012 The Thousand Talents Program Award for Young Researchers
- 2008 The Excellent Prize of the President Scholarship of Chinese Academy of Sciences
- 2008 Excellent Graduate Student in the Graduate School of CAS (top 5%)
- 2007 Excellent Student in the Graduate School of CAS (top 15%)
- 2003 Excellent Graduate Student in Nanjing University

RESEARCH INTERESTS

Nanozymes

Bioanalysis in living systems

In vitro diagnostics and precision medicine

Biomolecules directed approaches to functional nanomaterials

PROFESSIONAL ACTIVITIES

Associate Editor

ACS Nano Medicine (2025-now)

Associate Editor for Reviews

Chinese Journal of Chemistry (2022-2025)

Editorial Board Member

Scientific Reports (2014-2021)

Special Issue Co-Editor

Advanced Healthcare Materials (Special Issue "Nanozymes", 2025)

Special Issue Co-Editor

Advanced Materials (Special Issue "Nanozymes", 2024)

Special Issue Co-Editor

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

Special Issue Co-Editor

Chinese Journal of Chemistry (Special Issue Dedicated to Professor Erkang Wang on the Occasion of His 90th Birthday, 2023)

Special Issue Co-Editor

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

Special Issue Editor

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

Special Issue Co-Editor

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

Special Issue Editor

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

Session Co-Chair for 270th ACS National Meeting 2025

Nanozymes for Bioanalysis & Beyond (6th)

Session Co-Chair for 268th ACS National Meeting 2024

Nanozymes for Bioanalysis & Beyond (5th)

Session Co-Chair for 266th ACS National Meeting 2023

Nanozymes for Bioanalysis & Beyond (4th)

Session Chair for 260th ACS National Meeting 2020

Nanozymes for Bioanalysis & Beyond (3rd)

Session Chair for 258th ACS National Meeting 2019

Nanozymes for Bioanalysis & Beyond (2nd)

Session Chair for 256th ACS National Meeting 2018

Nanozymes for Bioanalysis (1st)

Session Chair for 3rd Conference on Biomotors, Virus Assembly, and Nanobiotechnology 2021

Nanozymes: The Next Generation of Artificial Enzymes

Session Co-Chair for 15th Chinese Biophysics Congress 2017

Biomimetic Nanocatalysis

Facilitator for Conferees Networking Session of Pittcon 2016

Nanozymes in Analytical Chemistry and Beyond Session

Membership

American Chemical Society

Biomedical Engineering Society

Biophysical Society of China

Chinese Chemical Society

*Jiangsu Society of Biomedical Engineering
(council member)*

Royal Society of Chemistry

Independent Journal Reviewer for

ACS Applied Bio Materials

ACS Applied Materials & Interfaces

ACS Applied Nano Materials

ACS Applied Polymer Materials

ACS Biomaterials Science & Engineering

ACS Catalysis

ACS Nano

ACS Omega

ACS Sensors

ACS Sustainable Chemistry & Engineering

Acta Biomaterialia

Acta Chimica Sinica

Advanced Functional Materials

Advanced Healthcare Materials

Advanced Materials

Advanced Materials Interfaces

Advanced Therapeutics

Advances in Polymer Technology

Aerosol and Air Quality Research

Analyst

Analytica Chimica Acta

Analytical Biochemistry

Analytical and Bioanalytical Chemistry

Analytical Chemistry

Analytical Methods

Angewandte Chemie International Edition

APL 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
Electrochemistry Communications
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

<i>Nano Letters</i>	<i>Sciences of the United States of America</i>
<i>Nano-Micro Letters</i>	<i>Progress in Biochemistry and Biophysics</i>
<i>Nano Research</i>	<i>Pure and Applied Chemistry</i>
<i>Nano Select</i>	<i>Research</i>
<i>Nano Today</i>	<i>RSC Advances</i>
<i>Nanoscale</i>	<i>Science Advances</i>
<i>Nanotheranostics</i>	<i>Science Bulletin</i>
<i>National Science Review</i>	<i>Science China Life Sciences</i>
<i>Nature Catalysis</i>	<i>Scientia Sinica Chimica</i>
<i>Nature Chemistry</i>	<i>Scientia Sinica Vitae</i>
<i>Nature Communications</i>	<i>Sensors & Actuators: B. Chemical</i>
<i>Nature Nanotechnology</i>	<i>Small</i>
<i>Nature Protocols</i>	<i>Small Methods</i>
<i>Nature Sustainability</i>	<i>Spectrochimica Acta Part A</i>
<i>Neuron</i>	<i>Spectroscopy Letters</i>
<i>New Journal of Chemistry</i>	<i>Talanta</i>
<i>Particle & Particle Systems Characterization</i>	<i>Theranostics</i>
<i>Particuology</i>	<i>Trends in Chemistry</i>
<i>Pesticide Biochemistry and Physiology</i>	<i>WIREs Nanomedicine & Nanobiotechnology</i>
<i>Physical Chemistry Chemical Physics</i>	<i>ZAAC (Zeitschrift für anorganische und allgemeine Chemie)</i>
<i>Polymer Chemistry</i>	
<i>Proceedings of the National Academy of</i>	

JOURNALS

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,^{*} Binqun 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*: 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 Cu₂O@RuO₂ 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 Fe₃O₄ 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.

- [Highlighted as June Feature.](#)
- [Highlighted in *Essential Science Indicators*SM: Highly cited paper.](#)

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.

- [Highlighted in *phys.org*: Nanozyme-enabled nanodecoys: A new strategy for fighting urinary tract infections.](#)

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.

- [Highlighted in *Essential Science Indicators*SM: Highly cited paper.](#)

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.

- [Highlighted in *phys.org*: Engineered MgO nanoparticles: A promising path to synergistic cartilage and bone therapy.](#)
- [Highlighted in *Essential Science Indicators*SM: Highly cited paper.](#)

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

157. Gen Wei, Wanling Liu, Yihong Zhang, Zijun Zhou, Yuting Wang, Xiaoyu Wang, Shuaishuai Zhu, Tong Li, Hui Wei,* “Nanozyme-enhanced probiotic spores regulate the intestinal microenvironment for targeted acute gastroenteritis therapy”, *Nano Letters*, **2024**, 24, 2289–2298.

- Highlighted in *Nanjing Daily*: A research team from Nanjing University provided a new choice for acute gastroenteritis therapy.

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.
155. Faheem Muhammad,[#] Xiwen Chen,[#] Jiayi Tang,[#] Yuan Cheng, Yuyang Li, Chenxin Zhu, Yihong Zhang, Leiying Miao, Yu Deng, Hui Wei,^{*} “Hydrous Ruthenium Oxide Triggers Template-free and Spontaneous Growth of Metal Nanostructures”, *Chemical Science*, **2024**, 15, 1679–1691.
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 Chemistry Reviews*, **2024**, 501, 215519.
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.

- Selected as a “*Very Important Paper*”.
- Highlighted in *Editors' Choice: Spotlights*.
- Highlighted in *Essential Science Indicators*SM: Highly cited paper.

148. Yuting Wang,[#] Tong Li,[#] Hui Wei,^{*} “Determination of the maximum velocity of a peroxidase-like nanozyme”, *Analytical Chemistry*, **2023**, 95, 10105–10109.

147. Shuo Zhang,[#] Jianghua Wu,[#] Mengting Zheng, Xin Jin, Zihan Shen, Zhonghua Li, Yanjun Wang, Quan Wang, Xuebin Wang, Hui Wei, Jiangwei Zhang, Peng Wang, Shanqing Zhang, Liyan Yu, Lifeng Dong, Qingshan Zhu,^{*} Huigang Zhang,^{*} Jun Lu,^{*} “Fe/Cu diatomic catalysts for electrochemical nitrate reduction to ammonia”, *Nature Communications*, **2023**, 14, 3634.

- Highlighted in *Essential Science Indicators*SM: Highly cited paper.

146. Tong Li, Qi Mei, Yuting Wang, Qi Sun, Shujie Liu, Yihong Zhang, Wanling Liu, Gen Wei, Min Zhou, Hui Wei,^{*} “Air-derived inhibitor of nanozymes”, *ACS Applied Materials & Interfaces*, **2023**, 15, 28421–28429.

145. Xiaoyu Wang,^{*} Hui Wei,^{*} “Advance in peroxidase-like nanozymes and their analytical applications”, *Chinese Journal of Analytical Chemistry*, **2023**, 51, 666–680.

王小宇^{*}、魏辉^{*}，类过氧化物酶纳米酶及其分析应用的研究进展，《分析化学》，**2023**，51，666–680。

144. Xiaoxin Yang, Qiao Zhang, Yufeng Liu, Mengjie Nian, Min Xie, Shasha Xie, Qinglian Yang, Suna Wang, Hui Wei, Jingui Duan, Shengyi Dong, Hang Xing,^{*} “Metal–Organic Framework Nanoparticles with Universal Dispersibility through Crown Ether Surface Coordination for Phase-Transfer Catalysis and Separation Membranes”, *Angewandte Chemie International Edition*, **2023**, 62, e202303280.

143. Wenjing Mo,[#] Shujie Liu,[#] Xiaozhi Zhao,[#] Fayun Wei, Yuhang Li, Xinan Sheng, Wenmin Cao, Meng Ding, Wenlong Zhang, Xiaoqing Chen, Longxiyu Meng, Sheng Yao, Wenli Diao,^{*} Hui Wei,^{*} Hongqian Guo,^{*} “ROS Scavenging Nanozyme Modulates Immunosuppression for Sensitized Cancer Immunotherapy”, *Advanced Healthcare Materials*, **2023**, 12, 2300191.

142. Gen Wei, Quanyi Liu, Xiaoyu Wang, Zijun Zhou, Xiaozhi Zhao, Wanqing Zhou, Wanling Liu, Yihong Zhang, Shujie Liu, Chenxin Zhu, Hui Wei,^{*} “A probiotic nanozyme hydrogel regulates vaginal microenvironment for *Candida* vaginitis therapy”, *Science Advances*, **2023**, 9,

eadg0949.

- Highlighted in *phys.org*: Nanozyme hydrogel: A breakthrough solution for Candida vaginitis treatment.
- Highlighted in *News-Medical*: Hydrogel combines nanozymes and probiotics for effective Candida vaginitis treatment.
- Highlighted in *LabRoots*: Nanozyme Designed to Treat Yeast Infections.
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100. Hui Wei, “Nano-enabled biomimetic theranostics” (Invited Presentations), *Fundamental Research Forum: Advanced Chemical Measurement on Life and Public Safety*, 2025-September-26—2025-September-28, Changchun, China.

99. Hui Wei, “High-performance nanozymes: rational design and biomedical applications” (Invited Presentations), *The 21st Beijing Conference and Exhibition on Instrumental Analysis (BCEIA2025)*, 2025-September-10—2025-September-12, Beijing, China.
98. Hui Wei, “Microenvironmental modulation breaks intrinsic pH limitations of nanozymes to boost their activities” (Invited Presentations), *ACS Fall 2025 Meeting (The 270th ACS National Meeting & Exposition)*, 2025-August-17—2025-August-21, Washington, DC, USA.
97. Hui Wei, “High-performance nanozymes: rational design and biomedical applications” (Invited Presentations), *The 20th International Symposium on Electroanalytical Chemistry (20th ISEAC)*, 2025-August-12—2025-August-15, Changchun, China.
96. Hui Wei, “High-performance nanozymes: Rational design and biomedical applications” (Oral Presentations), *IUPAC 2025: The 50th World Chemistry Congress (50WCC)*, 2025-July-14—2025-July-19, Kuala Lumpur, Malaysia.
95. Hui Wei, “Microenvironmental modulation breaks intrinsic pH limitations of nanozymes to boost their activities” (Invited Presentations), *The Applied Materials & Interfaces Conference (AMIC 2025)*, 2025-July-03—2025-July-05, Singapore.
94. Hui Wei, “High-performance nanozymes: rational design and biomedical applications” (Keynote Presentations), *2025 Annual Conference of Biophysical Society of China on Nanozymes & The Fourth National Conference on Nanozymes & Beiyang Smart Medicine Symposium*, 2025-April-18—2025-April-21, Tianjin, China.
93. Hui Wei, “Nanozyme-enabled catalytic medicine” (Invited Presentations), *Nanjing University–Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences Bilateral Forum on Biomedical Engineering*, 2025-April-14—2025-April-15, Nanjing, China.
92. Hui Wei, “A Preliminary Study on Nanozyme Database” (Invited Presentations), *2024 China Nanozyme Summit*, 2024-August-29—2024-August-30, Zhengzhou, China.
91. Hui Wei, “Nanozymes: design, kinetics, and biomedical applications” (Invited Presentations), *The 17th National Conference on Bioinorganic Chemistry and Metal Chemical Biology*, 2024-August-22—2024-August-26, Wuhan, China.
90. Hui Wei, “Neutral pH active nanozymes for sensing” (Invited Presentations, online), *ACS Fall 2024 Meeting (The 268th ACS National Meeting & Exposition)*, 2024-August-18—2024-August-22, Denver, USA.
89. Hui Wei, “Nanozymes: design and biomedical applications” (Invited presentations), *2024*

Chinese Biophysics Congress, 2024-July-25—2024-July-28, Lanzhou, China.

88. Hui Wei, “Nanozymes: rational design and biomedical applications” (Invited presentations), *Frontiers in Nanophotonics-The 2nd Inanophotonic Symposium 2024*, 2024-May-25—2024-May-26, Online.
87. Hui Wei, “Nanozymes: rational design and translational applications” (Invited presentations), *2024 CJC Associate Editors' Meeting and Symposium on Double First-Class Construction of Chemistry Discipline at Zhengzhou University*, 2024-May-16—2024-May-19, Zhengzhou, China.
86. Hui Wei, “Nanozymes: rational design and biomedical applications” (Invited presentations), *The 4th National Conference on Biomagnetism and Magnetic Nanomaterials (2024) & The 13th Doctoral Forum of Biological and Medical Nanotechnology*, 2024-April-12—2024-April-14, Shenzhen, China.
85. Hui Wei, “High performance nanozymes: design and applications” (Invited Oral Presentations), *Wuhan Analysis⁺ International Summit 2024*, 2024-March-22— 2024-March-24, Wuhan, China.
84. Hui Wei, “Nanozymes for translational medicine: several cases of studies” (Invited Oral Presentations), *The 4th Conference on Biomotors, Virus Assembly, and RNA Nanobiotechnology*, 2023-December-18—2023-December-20, Columbus, USA (online).
83. Hui Wei, “Nanozymes: rational design and biomedical applications” (Invited Presentations), *The 5th Annual Meeting of Chinese American Society of Nanomedicine and Nanobiotechnology*, 2023-December-08—2023-December-10, Guangzhou, China.
82. Hui Wei, “Nanozymes: design and biomedical applications” (Invited Presentations), *2023 Nano⁺ International Summit*, 2023-November-23—2023- November-25, Suzhou, China.
81. Hui Wei, “Nanozymes: rational design and biomedical applications”, *The 3rd Yuelu Frontier Forum of Analytical Chemistry*, 2023-October-21—2023-October-24, Changsha, China.
80. Hui Wei, “Nanozymes: rational design and translational applications” (RSC Prize Winner Speeches), *The 5th Fellow of Royal Society Chemistry (FRSC) Forum on Global Challenges and Chemistry Solutions*, 2023-October-19—2023-October-20, Ningbo, China.
79. Hui Wei, “Unique Research Methodology and Fashion for Nanozymes” (Invited Presentations), *2023 China Nanozyme Summit: Catalytic Mechanisms and Applications of Nanozymes*, 2023-October-07—2023-October-08, Zhengzhou, China.

78. Hui Wei, “Nanozymes for translational medicine: a preliminary study” (Invited Presentations), *The 9th International Conference on Nanoscience and Technology, China (ChinaNANO 2023)*, 2023-August-26—2023-August-28, Beijing, China.
77. Hui Wei, “Nanozymes: design and biomedical applications” (Invited Presentations), *2023 Annual Meeting of Nanobiology Branch of Biophysical Society of China*, 2023-August-21—2023-August-25, Enshi, China.
76. Hui Wei, “Nanozyme sensing in complex media: several case studies” (Invited Presentations, online), *ACS Fall 2023 Meeting (The 266th ACS National Meeting & Exposition)*, 2023-August-13—2023-August-17, San Francisco, USA.
75. Hui Wei, “Nanozymes for Translational Medicine: A Preliminary Study” (Oral Presentations), *The 19th International Symposium on Electroanalytical Chemistry*, 2023-August-17—2023-August-20, Changchun, China.
74. Hui Wei, “Nanozymes for translational medicine: a preliminary study” (Invited Presentations), *The 16th National Conference on Bioinorganic Chemistry and Metal Chemical Biology*, 2023-July-28—2023-July-31, Guangzhou, China.
73. Hui Wei, “Nanozymes for analyzing complex systems” (Oral presentations), *The 33rd Chinese Chemical Society Congress*, 2023-June-17—2023-June-20, Qingdao, China.
72. Hui Wei, “Nanozymes: rational design and biomedical applications” (Invited presentations), *2022 Chinese Biophysics Congress*, 2022-December-02—2022-December-04, Online.
71. Hui Wei, “Nanozymes: rational design and biomedical applications” (Invited presentations), *The 2022 Biomedical Magnetic Nanotechnology & The 11th Doctoral Forum of Biological and Medical Nanotechnology*, 2022-November-08—2022-November-10, Nanjing, China.
70. Hui Wei, “Nanozymes: rational design and biomedical applications” (Invited Presentations), *2022 Annual Meeting of Nanobiology Branch of Biophysical Society of China*, 2022-August-26—2022-August-30, Dali, China.
69. Hui Wei, “Nanozymes: rational design and biomedical applications” (Invited Presentations, online), *ArtBio2022*, 2022-August-15—2022-August-17, Aarhus University, Denmark.
68. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited Presentations), *15th Conference on Bioinorganic Chemistry & Metal Chemical Biology*, 2021-October-22—2021-October-24, Taiyuan, China.
67. Hui Wei, “Nanozymes: Next Generation of Artificial Enzymes” (Oral Presentations), *The 18th*

- International Symposium on Electroanalytical Chemistry*, 2021-August-24—2021-August-27, Changchun, China.
66. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited oral presentations), *The 32nd Chinese Chemical Society Congress*, 2021-April-19—2021-April-22, Zhuhai, China.
65. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Oral Presentations), *China Analytic & Laboratory Equipment Expo & Conference (China Lab 2021)*, 2021-March-31—2021-April-02, Guangzhou, China.
64. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Oral Presentations), *The Annual Conference of the Material Biology and Intelligent Medicine Branch, Biophysical Society of China for Young Scientists & 2020 Young Scientist Forum on Biomedical Materials and Technology*, 2020-December-26—2020-December-28, Ningbo, China.
63. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Poster Presentations), *18th Chinese Biophysics Congress*, 2020-November-15—2020-November-18, Guangzhou, China.
62. Hui Wei, “Nanozymes: rational design and biomedical applications” (Oral Presentations), *2020 China POCT Annual Conference*, 2020-November-12—2020-November-14, Chongqing, China.
61. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Oral Presentations), *The Innovation Conference on Micro-Nano Technology for Medical and Health & The 4th Innovation Conference on Micro-Nano Technology for Applications (Chinese Society of Micro-Nano Technology)*, 2020-October-24—2020-October-26, Xiamen, China.
60. Hui Wei, “Nanozymes: from rational design to sensing applications” (ANYL Broadcast Presentations, online), *ACS Fall 2020 Virtual Meeting & Exposition (The 260th ACS National Meeting & Exposition)*, 2020-August-17—2020-August-20, San Francisco, USA.
59. Hui Wei, “Cascade nanozyme for inflammatory bowel disease therapy” (On Demand Oral Presentations, online), *ACS Fall 2020 Virtual Meeting & Exposition (The 260th ACS National Meeting & Exposition)*, 2020-August-17—2020-August-20, San Francisco, USA.
58. Hui Wei, “Rational Design of Peroxidase-like Nanozymes” (Oral Presentations), *NJU-Wiley Joint Conference on Microstructured Materials and Advanced Applications*, 2019-November-30—2019-December-01, Nanjing, China.
57. Hui Wei, “Peroxidase-like Nanozymes: rational design and bioanalytical applications” (Oral Presentations), *Materials Science Youth Forum*, 2019-November-15—2019-November-17,

Shanghai, China.

56. Hui Wei, “Electrochemistry-directed design of SOD-like nanozyme for scavenging ROS from cigarette smoke” (Invited Oral Presentations), *The 20th National Electrochemistry Meeting*, 2019-October-25—2019-October-28, Changsha, China.
55. Hui Wei, “Nanozymes: next generation of artificial enzymes” (Invited Oral Presentations), *The 6th National Conference on Biophysical Chemistry, NCBPC6*, 2019-October-23—2019-October-26, Hengyang, China.
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.
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.
49. Hui Wei, “Nanozymes and their applications”, *Workshop on Nanozymes*, 2018-November-01—2018-November-02, Kunshan, China.
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.

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.
43. Hui Wei, “Nanozymes for in vitro and in vivo bioanalysis” (Invited presentations), *The 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.
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.
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.
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.
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.
37. Hui Wei, “Nanozymes for live bioassays” (Oral Presentations), *Xiangshan Science Conferences (No. 606)*, 2017-October-12—2017-October-13, Beijing, China.
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.
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.
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.
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” (Invited & Oral Presentations), *The 13th National Conference on Electroanalytical Chemistry*, 2017-April-14—2017-April-16, Nanchang, China.
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.
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” (Oral Presentations, No. 03-I-037), *The 30th Chinese Chemical Society Congress*, 2016-July-01—2016-July-04, Dalian, China.
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.](#)
19. 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.
18. 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.
17. Hui Wei, “Biosensing based on functional nucleic acids and peptides” (Oral Presentations), *CBME' 2015*, 2015-October-16—2015-October-19, Nanjing, China.
16. 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.
15. 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.
14. 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.
13. 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.
 12. 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.
 11. Hui Wei, “Rational design of integrated nanozymes for in vivo measuring cerebral species in living rats” (Poster Presentations), *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.
 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.
 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.
 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.

INVITED SEMINARS

82. 11/2025, Harbin Institute of Technology, Harbin, China
81. 09/2025, Harbin Engineering University, Harbin, China
80. 07/2025, Anhui Medical University, Hefei, China
79. 06/2025, Summar Camp Lecture, Nazarbayev University, Host: Yingqiu Xie, Online
78. 06/2025, ACS Publications Webinar: Global Innovators: Breakthroughs in Sensors Research, Online
77. 01/2025, Sichuan Agricultural University, Online, China
76. 07/2024, Lanzhou University, Lanzhou, China
75. 07/2024, Wenzhou Medical University, Wenzhou, China

74. 04/2024, Beijing University of Chemical Technology, Online, China
73. 04/2024, Wenzhou Institute of the UCAS, Wenzhou, China
72. 01/2024, Nanjing Drum Tower Hospital, Nanjing, China
71. 09/2023, Nanjing University, Suzhou, China
70. 07/2023, Nanjing Normal University, Nanjing, China
69. 07/2023, Qilu Hospital of Shandong University, Jinan, China
68. 06/2023, Qingdao University of Science and Technology, Qingdao, China
67. 06/2023, Shandong University (Qingdao), Qingdao, China
66. 10/2022, China University of Geosciences (Wuhan), Online, China
65. 10/2022, Particuology Online Seminar: Biological Particles and Health, Online, China
64. 05/2022, Jining Medical University, Online, China
63. 12/2021, Northwest Normal University, Lanzhou, China
62. 12/2021, Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, Lanzhou, China
61. 11/2021, Shanghai University, Online, China
60. 10/2021, Shanxi University, Taiyuan, China
59. 07/2021, Shandong University of Science and Technology, Qingdao, China
58. 07/2021, Qingdao University, Qingdao, China
57. 07/2021, RSC Desktop Seminar: Biomaterials Science, Online
56. 04/2021, Minnan Normal University, Online, China
55. 04/2021, Nanjing Tech University, Nanjing, China
54. 03/2021, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, China
53. 01/2021, Korea Advanced Institute of Science and Technology (KAIST), Online, South Korea
52. 12/2020, Nanjing University of Posts and Telecommunications, Nanjing, China
51. 12/2020, Qingdao Agricultural University, Online, China
50. 11/2020, South China University of Technology, Guangzhou, China
49. 10/2020, Xiamen University, Xiamen, China

48. 10/2020, Wuhan University, Wuhan, China
47. 11/2019, Nanjing University, Nanjing, China
46. 10/2019, Beijing Normal University, Beijing, China
45. 09/2019, Tianjin University of Science and Technology, Tianjin, China
44. 09/2019, Tianjin University, Tianjin, China
43. 08/2019, China Pharmaceutical University, Nanjing, China
42. 08/2019, RMIT, Melbourne, Australia
41. 08/2019, Monash University, Melbourne, Australia
40. 06/2019, Changchun University of Science and Technology, Changchun, China
39. 06/2019, Jilin University, Changchun, China
38. 06/2019, Northeast Normal University, Changchun, China
37. 06/2019, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, China
36. 05/2019, Zhejiang University, Hangzhou, China
35. 04/2019, Nanjing University, Nanjing, China
34. 12/2018, East China University of Science and Technology, Shanghai, China
33. 11/2018, Central China Normal University, Wuhan, China
32. 10/2018, Jiangsu University, Zhenjiang, China
31. 08/2018, Southwest Jiaotong University, Xi'an, China
30. 07/2018, Xi'an Jiaotong University, Xi'an, China
29. 06/2018, Northwestern Polytechnical University, Xi'an, China
28. 06/2018, Central South University, Changsha, China
27. 06/2018, Hunan University, Changsha, China
26. 05/2018, Nanjing University, Nanjing, China
25. 04/2018, Southwest University, Chongqing, China
24. 03/2018, Wuhan University, Wuhan, China
23. 12/2017, Nanjing University, Nanjing, China

22. 11/2017, Nanjing Agricultural University, Nanjing, China
21. 10/2017, Jiangnan University, Wuxi, China
20. 09/2017, Nanjing Medical University, Nanjing, China
19. 08/2017, Tsinghua University, Beijing, China
18. 04/2017, Soochow University, Suzhou, China
17. 04/2017, Jiangxi Normal University, Nanchang, China
16. 04/2017, Nanchang University, Nanchang, China
15. 06/2016, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, China
14. 06/2016, University of Georgia, Athens, USA
13. 05/2016, Nanjing University, Nanjing, China
12. 02/2016, University of Massachusetts, Amherst, USA
11. 12/2015, Institute of Chemistry, Chinese Academy of Sciences, Beijing, China
10. 11/2015, Northwestern University, Xi'an, China
9. 08/2015, Shaanxi Normal University, Xi'an, China
8. 08/2015, Xi'an Jiaotong University, Xi'an, China
7. 04/2015, University of South China, Hengyang, China
6. 04/2014, Nanjing University, Nanjing, China
5. 11/2013, Nanjing University of Posts and Telecommunications, Nanjing, China
4. 05/2013, Nanjing University, Nanjing, China
3. 05/2013, Nankai University, Tianjin, China
2. 06/2012, Beijing Institute of Technology, Beijing, China
1. 06/2012, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, China

TEACHING

Bioelectronics for Biomedical Applications (Spring 2014, Spring 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019, Fall 2020, Fall 2021, Fall 2022, Fall 2023, Fall 2024).

Progress in Biomedical Engineering (one lecture/course) (Fall 2016, Fall 2017, Fall 2018).

Progress in Materials Science and Engineering (one lecture/course) (Fall 2013, Fall 2014, Fall 2015).

Introduction to Biomedicine (one lecture/course, Medical School of Nanjing University) (Fall 2017).

Methodology and Principles of Healthcare Engineering (two lectures/course) (Spring 2021, Spring 2022, Spring 2023, Spring 2024, Spring 2025).

Progress in Modern Engineering (one lecture/course) (Fall 2021, Fall 2022, Fall 2023, Fall 2024).

CURRENT GROUP MEMBERS

Graduate

Zuhao Zhang (2025-now) (co-advised with Prof. Xianlei Li)

Xu Zhang (2025-now) (co-advised with Prof. Hairong Zheng)

Kexin Li (2025-now) (co-advised with Prof. Xiaozhi Zhao)

Qianyu Wang (2025-now)

Mengshu Wang (2025-now)

Fuying Zhu (2024-now) (co-advised with Prof. Xiaozhi Zhao)

Congzhong Yang (2024-now)

Dongze Mo (2023-now)

Xiaomiao Cui (2023-now)

Qi Mei (2023-now)

Qi Sun (2022-now) (co-advised with Prof. Jingjing Zhang)

Hanjie Zhang (2022-now)

Jiang Du (2022-now)

Chenxin Zhu (2020-now)

Undergraduate

Xingyu Pan (2025-now)

Jizhou Deng (2024-now)

Visiting student

Jiawen Han (2024-now)

Shi Xu (2024-now)

Ziqiang Liu (2025-now)

PREVIOUS GROUP MEMBERS

Staff

Dr. Min Zhou (2021-2025) (now at Nanjing University of Traditional Chinese Medicine)

Hui Wei

Qianyu Wang (2024-2025) (now at Nanjing University)

Dr. Faheem Muhammad (2017-2023) (now at Shenzhen University)

Dr. Yuan Cheng (2017-2023) (now at Wuxi Xishan NJU Institute of Applied Biotechnology)

Dr. Jiangjiexing Wu (2018-2021) (now Associate Professor at Tianjin University)

Min Zhou (2014-2018) (now Staff at Nanjing University)

Dr. Hanjun Cheng (2013-2016) (now PostD at University of Washington)

Dr. Yubin Ding (2013-2016) (now Associate Professor at Nanjing Agricultural University)

Lu Xing (2013-2014) (now at GenScript, Nanjing)

PostD

Dr. Farooq Ahmad (2021-2022) (now Associate Professor at Xinjiang University)

Dr. Yufeng Liu (2020-2022) (now Lecture at Xuzhou Medical University)

Dr. Xiaoyu Wang (2019-2022) (now Associate Professor at Nanjing Forestry University)

Dr. Jiangjiexing Wu (2015-2018) (now Staff at Nanjing University, Nanjing)

Dr. Faheem Muhammad (2015-2016) (now Staff at Nanjing University, Nanjing)

Graduate: PhD

Tong Li (2021-2025) (now at Kyoto University)

Wanling Liu (2021-2025) (now at Army Medical University/Third Military Medical University)

Shujie Liu (2020-2025) (now at Nanozyme Laboratory in Zhongyuan)

Gen Wei (2020-2024) (now at Yangzhou University)

Yihong Zhang (2018-2024) (co-advised with Prof. Shuming Nie) (now at ChangXin Memory Technologies, Inc.)

Wanchuan Ding (2021-2023) (co-advised with Gang Rang)

Anqi Lin (2018-2023) (now at BYD Company)

Shuo Zhang (2021-2022) (co-advised with Huigang Zhang) (now at Qingdao University of Science and Technology)

Jie Dai (2021-2022) (co-advised with Gang Rang) (now at Gempharmatech Co., Ltd)

Chaoqun Cheng (2019-2022) (now at Suzhou Microport Regenerative Medicine Technology Co., Ltd.)

Quan Wang (2017-2022) (now at Shanghai Huawei Technologies Co., Ltd)

Sirong Li (2016-2022) (now at ACS, Beijing)

Min Zhou (2018-2021) (now Staff at Nanjing University, Nanjing)

Sheng Zhao (2016-2021) (now PostD at Zhejiang University, Hangzhou)

Wenbo Gao (2019-2020) (Quit)

Hui Wei

Yufeng Liu (2017-2020) (now PostD at Nanjing University, Nanjing)

Shichao Lin (2015-2020) (now PostD at Tan Kah Kee Innovation Laboratory, Xiamen)

Xiaoyu Wang (2014-2019) (now Associate Professor at Nanjing Forestry University)

Yihui Hu (2014-2017) (now PostD at China Pharmaceutical University, Nanjing)

Graduate: Master

Xiang Gu (2022-2025) (now at Arizona State University)

Jiansen Wang (2022-2025)

Xiwen Chen (2021-2024)

Yuting Wang (2021-2024)

Minxuan Zhang (2021-2024)

Jingyuan Zhao (2021-2024)

Huoyue Lin (2021-2023) (co-advised with Gang Ruan)

Jiayuan Feng (2020-2023) (now at Nanjing University)

Zijun Zhou (2020-2023) (now at NanJing Pharmaceutical Company Limited)

Chen Zhao (2021-2022) (co-advised with Huigang Zhang)

Xuefan Zhang (2021-2022) (co-advised with Huigang Zhang) (now at Jiangsu Financial Leasing Co., Ltd)

Shiyu Sheng (2019-2022) (now at Wdm Esaote (Suzhou) Medical Technology Co., Ltd.)

Xiaoqian Jiang (2018-2021) (now at)

Yunyao Zhu (2017-2020) (now at Patent Examination Cooperation Jiangsu Center of the Patent Office, CNIPA)

Zhangping Lou (2016-2019) (now at Huawei Technology Co., Ltd, Nanjing)

Li Qin (2016-2019) (now at Crystal Pharmatech, Suzhou)

Wen Cao (2015-2018) (now at BYD Company)

Jia Yao (2015-2018) (now at)

Wenjing Guo (2014-2017) (now at Bank of Jiangsu)

Leilei Shi (2014-2017) (now at Huawei Technology Co., Ltd, Shenzhen)

Shuyu Zhang (2013-2014) (now at the 26th Research Institute of China Electronics Technology Group Corporation)

Undergraduate

Meilu Song (2023-2025)

Shihong Yang (2024-2024)

Yixin Ao (2023-2024) (now at Nanjing University)

Xiaoting Zhang (2023-2024) (now at Nanjing University)
Yufan Zhao (2023-2023) (now at Nanjing University)
Bo Wang (2021-2023)
Guoyu Feng (2021-2023)
Haidong Wang (2021-2023) (now at Nanjing University)
Hongyi Wang (2021-2023) (now at Nanjing University)
Siyuan Wu (2021-2022) (now at University of Illinois Urbana-Champaign)
Jiyuan Yu (2021-2022) (now at Nanjing University)
Jiazheng Wang (2021-2022) (now at Nanjing University)
Yifu Zhou (2021-2022) (now at Nanjing University)
Lanhe Lu (2021) (now at Nanjing University)
Can Long (2021) (now at Suzhou Aijia Culture & Education Training Center)
Minxuan Zhang (2020-2021) (now at Nanjing University)
Yuting Wang (2019-2021) (now at Nanjing University)
Xiwen Chen (2019-2021) (now at Nanjing University)
Haoche Ma (2019-2021) (now at Nanjing University)
Fengwu Xu (2019-2021) (now at Nanjing University)
Gengchen Xu (2019-2021) (now at Nanjing University)
Lin Lin (2019-2021) (now at Nanjing University)
Chenxin Zhu (2020) (now at Nanjing University)
Zijun Zhou (2019-2020) (now at Nanjing University)
Maolin Li (2019) (now at)
Ying Wei (2017-2019) (now at Nanjing University)
Liyun Wu (2017-2019) (now at Nanjing University)
Yibei Wu (2017-2019) (now at Nanjing University)
Yihong Zhang (2017-2018) (now at Nanjing University)
Anqi Lin (2017-2018) (now at Nanjing University)
Ning Wang (2016-2017) (now at Nanjing University)
Siyuan Chen (2016-2017) (now at Nanjing University)
Yifan Ni (2015-2017) (now at Nanjing University)
Guopo Shen (2015-2017) (now at Nanjing University)
Yuchen Zhang (2015-2017) (now at Nanjing University)

Hui Wei

Yenchun Huang (2015-2017) (now at USA)

Jiarui Liu (2014-2017) (now at USA)

Dan Yuan (2014-2017) (now at University of Washington)

Li Qin (2015-2016) (now at Nanjing University)

Yuting Huang (2015) (now at Nanjing University)

Shichao Lin (2015) (now at Nanjing University)

Huiying Yang (2015) (now at National University of Singapore)

Jia Yao (2015) (now at Nanjing University)

Wenrui Wang (2014-2015) (now at Nanjing University)

Xie Chen (2014) (now at Renmin University)

Wenjing Guo (2014) (now at Bank of Jiangsu)

Qiran Ouyang (2014) (now at Nanjing University of Technology)

Leilei Shi (2014) (now at Huawei Technology Co., Ltd, Shenzhen)

Changyu Wang (2014) (now at Nanjing University)

Shengqin Yang (2014) (now at Imperial College London)

Visiting student

Nikita Chukavin (2024-2025)

Chao Long (2022-2024)

Yuyang Li (2022-2024) (now at Nanjing Stomatological Hospital)

Aleksandra A. Shneiderman (Sasha) (2023) (now at M.V. Lomonosov Moscow State University)

Bijun Zhu (2020-2023) (now at Nanjing Stomatological Hospital)

Quanyi Liu (2019-2023) (now at BYD Company)

Yijun Yu (2019-2021) (now at Nanjing Stomatological Hospital)

Junshu Lin (2018-2020) (now at Advanced Institute of Information Technology Peking University)

He Zhang (2017-2020) (now at Nanjing Stomatological Hospital)

Yixuan Li (2019) (now at Nanjing Drum Tower Hospital)

AWARDS AND HONORS OF GROUP MEMBERS

2025 Talent Scholarship (Jiang Du)

2025 Nanjing University Outstanding Master's Thesis (Xiwen Chen)

2025 Class of 2025 Outstanding Graduates in Nanjing University (Tong Li)

- 2025 Class of 2025 Outstanding Graduates in Nanjing University (Wanling Liu)
- 2025 The Third Prize for the Sixth Undergraduate Biomedical Engineering Innovation Design Competition of Jiangsu Province (Jiang Du, Xiang Gu)
- 2024 Talent Scholarship (Wanling Liu)
- 2024 The Third Prize for the 9th National Biomedical Engineering Innovation Design Competition for College Students (Wanling Liu, Congzhong Yang)
- 2024 The Third Prize for the 9th National Biomedical Engineering Innovation Design Competition for College Students (Xiang Gu, Jiang Du)
- 2024 Class of 2024 Outstanding Graduates in Nanjing University (Gen Wei)
- 2024 Class of 2024 Outstanding Graduates in Nanjing University (Xiwen Chen)
- 2024 Class of 2024 Outstanding Graduates in Nanjing University (Yuting Wang)
- 2023 Journal of Electroanalytical Chemistry Poster Award of the 19th International Symposium on Electroanalytical Chemistry (Yuting Wang)
- 2023 Best Poster Award of ChinaNano 2023 (Jingyuan Zhao)
- 2023 The Excellent Graduate Student Pacemaker Award (Gen Wei)
- 2023 The Excellent Graduate Student Pacemaker Award (Xiwen Chen)
- 2023 The National Scholarship for Graduate Students (Yuting Wang)
- 2023 China Optics Valley Scholarship (Gen Wei)
- 2023 China Optics Valley Scholarship (Tong Li)
- 2023 Talent Scholarship (Wanling Liu)
- 2023 Talent Scholarship (Xiwen Chen)
- 2023 The First Prize for the Fourth Undergraduate Biomedical Engineering Innovation Design Competition of Jiangsu Province (Gen Wei)
- 2023 The Second Prize for the Fourth Undergraduate Biomedical Engineering Innovation Design Competition of Jiangsu Province (Bo Wang, Xiang Gu)
- 2023 Class of 2023 Outstanding Graduates in Nanjing University (Anqi Lin)
- 2023 Class of 2023 Outstanding Graduates in Nanjing University (Jiyuan Yu)
- 2022 The Excellent Graduate Student Pacemaker Award (Anqi Lin)

- 2022 The Excellent Graduate Student Award (Xiwen Chen)
- 2022 The Excellent Graduate Student Award (Jiayuan Feng)
- 2022 The National Scholarship for Graduate Students (Anqi Lin)
- 2022 The National Scholarship for Graduate Students (Zijun Zhou)
- 2022 The 2022 Steers Bursary Award (Xiaoyu Wang)
- 2021 The Youth & Undergraduate Entrepreneurship Competition of Jianye District, Nanjing, Jiangsu Province (3rd Prize) (Sirong Li, Sheng Zhao, Anqi Lin)
- 2021 The Excellent Graduate Student Award (Zijun Zhou)
- 2021 RSC PreDoc Symposium 2021: Poster Presentation Prize (Silver Prize) (Xiaoyu Wang)
- 2021 RSC PreDoc Symposium 2021: Oral Presentation Prize (2nd Prize) (Sirong Li)
- 2021 Talent Scholarship (Chaoqun Cheng)
- 2021 The Merit Award for the Second Undergraduate Biomedical Engineering Innovation Design Competition of Jiangsu Province (Yuting Wang, Jiayuan Yu)
- 2020 The Merit Award for the First Undergraduate Biomedical Engineering Innovation Design Competition of Jiangsu Province (Xiwen Chen, Lin Lin, Yuting Wang)
- 2020 The Excellent Graduate Student Award (Sirong Li)
- 2020 The Excellent Graduate Student Award (Min Zhou)
- 2020 Talent Scholarship (Sirong Li)
- 2020 Talent Scholarship (Min Zhou)
- 2020 Best Flash Talk for Graduates at 2020 ChemBIC Symposium (Yufeng Liu)
- 2020 Nanoscale Horizons Community Board (Jiangjiexing Wu)
- 2019 The Excellent Graduate Student Pacemaker Award (Shichao Lin)
- 2019 The Excellent Graduate Student Award (Yufeng Liu)
- 2019 Wiley Best Poster Prize (*NJU-Wiley Joint Conference on Microstructured Materials and Advanced Applications*, 2019-November-30—2019-December-01, Nanjing, China) (Xiaoyu Wang)
- 2019 Talent Scholarship (Shichao Lin)
- 2019 2019 Baxter China Young Investigator Awards (Second Tier) (Shichao Lin)

- 2019 2019 Baxter China Young Investigator Awards (Second Tier) (Yufeng Liu)
- 2019 The National Scholarship for Graduate Students (Yufeng Liu)
- 2019 Best Oral Presentation Award, *The 7th Biomedical Magnetic Nanotechnology & The 8th Doctoral Forum of Biological and Medical Nanotechnology*, 2019-September-15—2019-September-16, Nanjing, China (Yufeng Liu)
- 2019 Class of 2019 Outstanding Graduates in Nanjing University (Xiaoyu Wang)
- 2019 Class of 2019 Outstanding Graduates in Nanjing University (Li Qin)
- 2019 Student Travel Award of Nano Today 2019 (Xiaoyu Wang)
- 2018 2018 Baxter China Young Investigator Awards (Second Tier) (Xiaoyu Wang)
- 2018 The National Scholarship for Graduate Students (Xiaoyu Wang)
- 2018 The National Scholarship for Graduate Students (Li Qin)
- 2018 The Excellent Graduate Student Pacemaker Award (Xiaoyu Wang)
- 2018 The Excellent Graduate Student Award (Li Qin)
- 2018 The Special Presidential Doctoral Scholarship (Anqi Lin)
- 2018 The Excellent Bachelor Dissertation Award (Second Tier) (Anqi Lin)
- 2017 Dongliang Scholarship (Xiaoyu Wang)
- 2017 Hainan Airlines Scholarship (Xiaoyu Wang)
- 2017 Best Oral Presentation Award, *The 5th Biomedical Magnetic Nanotechnology & The 6th Doctoral Forum of Biological and Medical Nanotechnology*, 2017-May-20—2017-May-22, Suzhou, China (Yihui Hu)
- 2017 Best Poster Presentation Award, *The 5th Biomedical Magnetic Nanotechnology & The 6th Doctoral Forum of Biological and Medical Nanotechnology*, 2017-May-20—2017-May-22, Suzhou, China (Li Qin)
- 2016 Gordon F. Kirkbright Bursary Award (Dr. Jiangjiexing Wu)
- 2016 The National Scholarship for Graduate Students (Yihui Hu)
- 2016 The Excellent Graduate Student Pacemaker Award (Yihui Hu)
- 2016 Talent Scholarship (Shichao Lin)
- 2016 The College Scholarship (Xiaoyu Wang)

Hui Wei

- 2016 The First Prize for Undergraduate Scientific Work Exhibition of Nanjing University
(Dan Yuan, Jiarui Liu)
- 2015 Gordon F. Kirkbright Bursary Award (Dr. Yubin Ding)
- 2015 The College Scholarship (Xiaoyu Wang)
- 2015 The College Scholarship (Leilei Shi)