

Publications from BNUChem-ugjc Members

BNUChem-ugjc

摘要

Below are the Publications of BNUChem-ugjc Members, starting from beginning of university: 2018.9
Including Journal Articles, Patents, Reports in conferences.
List as alphabetical order of Last Name.

1 Founder-Shilong Su(苏世龙)

1.1 Publications

PhD: Department of Chemistry, The Chinese University of Hong Kong.

Advisor: Professor Qian Miao

Undegraduate Thesis: College of Chemistry, Beijing Normal University

Advisor: Professor Zhong-Lin Lu

Undergraduate Research: College of Chemistry, Beijing Normal University

Advisor: Professor Louzhen Fan

1.2 Patents

1.3 Conferences Reports

2 He Hao(郝赫)

2.1 Publications

PhD: Carbon Nanomaterials & Spectroscopy Group, College of Chemistry and Molecular Engineering, Peking University.

Advisor: Professor Jin Zhang (Member of Chinese Academy of Science), Professor Lianming Tong

Undergraduate Research: Lab of Wearable Materials, College of Chemistry, Beijing Normal University

Advisor: Professor Nan Liu

5. Zihan Zhao, Weifeng Zhang, **He Hao**, and Nan Liu. *Efficient and Air-Stable Doping of Folded MoS₂ Nanosheets for Use in Field-Effect Transistors*. ACS Applied Nano Materials, 5(2):2068-2074, 2022.

4. Weifeng Zhang, **He Hao**, Yangjin Lee, Yan Zhao, Lianming Tong, Kwan-pyo Kim, and Nan Liu. *One-Interlayer-Twisted Multilayer MoS₂ Moiré Superlattices*. Advanced Functional Materials, 32(19):2111529, **2022**.
3. Weifeng Zhang, Yulong Liu, Xue Pei, Zhihong Yuan, Yan Zhang, Zihan Zhao, **He Hao**, Run Long, and Nan Liu. *Stretchable MoS₂ artificial photoreceptors for e-skin*. Advanced Functional Materials, 32(10):2107524, **2022**.
2. Zihan Zhao, Weifeng Zhang, Yan Zhang, **He Hao**, Shishu Zhang, Lianming Tong, Banghua Peng, and Nan Liu. *Tuning bandstructure of folded MoS₂ through fluid dynamics*. Nano Research, 15(3):2734-2740, **2021**.
1. Weifeng Zhang, Zihan Zhao, Yating Yang, Yan Zhang, **He Hao**, Li Li, Weigao Xu, Banghua Peng, Run Long, and Nan Liu. *Paraffin-enabled compressive folding of two-dimensional materials with controllable broadening of the electronic band gap*. ACS Applied Materials & Interfaces, 13(34), 40922-40931, **2021**.

2.2 Patents

2.3 Conferences Reports

3 Haoyuan Jia(贾昊源)

3.1 Publications

PhD: Department of Chemistry, University of Pennsylvania.

Advisor:

Undergraduate Thesis: College of Chemistry, Beijing Normal University & Center of Basic Molecular Science, Department of Chemistry, Tsinghua University

Advisor: Professor Xueling Mi (BNU), Professor Sanzhong Luo(THU)

Undergraduate Research: College of Chemistry, Beijing Normal University

Advisor: Professor Huiliang Wang

2. Junwen Deng, **Haoyuan Jia**, Wendi Xie, Hangrui Wu, Jingyun Li, and Huiliang Wang. *Non-traditional Organic/Polymeric Luminogens with Red- Shifted Fluorescence Emissions*. Macromolecular Chemistry and Physics, 223(5):2100425, **2022**.
1. Junwen Deng, Hangrui Wu, Wendi Xie, **Haoyuan Jia**, Zhonggang Xia and Huiliang Wang, *Metal Cation-Responsive and Excitation-Dependent Nontraditional Multicolor Fluorescent Hydrogels for Multidimensional Information Encryption*. ACS Applied Materials & Interfaces, 13(33), 39967-39975, **2021**.

3.2 Patents

3.3 Conferences Reports

4 Hao Li(李昊)

4.1 Publications

PhD: Center for Photochemical Conversion and Synthesis, Technical Institute of Physics and Chemistry, Chinese Academy of Science

Advisor: Professor Yi Li

Undergraduate Research: College of Chemistry, Beijing Normal University

Advisor: Professor Qing-Zheng Yang

4.2 Patents

4.3 Conferences Reports

5 Yiran Liu(刘屹然)

5.1 Publications

Master: Lab of Organic Solid, Institute of Chemistry, Chinese Academy of Science

Advisor: Professor Yunlong Guo, Professor Yunqi Liu(Member of Chinese Academy of Science)

Undergraduate Thesis: College of Chemistry, Beijing Normal University

Advisor: Professor Zhiqian Jia

Undergraduate Research: College of Chemistry, Beijing Normal University

Advisor: Professor Louzhen Fan

5.2 Patents

5.3 Conferences Reports

6 Zhong-Wei Lu(卢中伟)

6.1 Publications

PhD: School of Chemistry, Cardiff University.

Advisor: Dr. Andrew Logsdail

Undergraduate Research & Thesis: College of Chemistry, Beijing Normal University

Advisor: Professor Ling Chen

2. Zi-Peng Zhang, Xin Liu, Xiaomeng Liu, **Zhong-Wei Lu**, Xin Sui, Bo-Yu Zhen, Xue-Bin Deng, Zheshuai Lin, Ling Chen, and Li-Ming Wu. *Driving Nonlinear Optical Activity with Dipolar 2-Aminopyrimidinium Cations in $(C_4H_6N_3)^+(H_2PO_3)^-$* . Chemistry of Materials, 34(4), 1976-1984, **2022**.

1. Chun-Ya Pan, Xin-Rui Yang, Lin Xiong, **Zhong-Wei Lu**, Bo-Yu Zhen, Xin Sui, Xue-Bin Deng, Ling Chen, and Li-Ming Wu. *Solid-state Nonlinear Optical Switch with the Widest Switching temperature range owing to its continuously tunable T_c* . Journal of the American Chemical Society, 142(13):6423-6431, **2020**.

6.2 Patents

1. 吴立明,潘春亚,陈玲,杨昕睿,熊琳,**卢中伟**,甄博宇,隋鑫. 非线性光学晶体、非线性光学开关及其制备方法和使用方法. 北京市: CN111286783B,2021-04-20.

6.3 Conferences Reports

7 Hangrui Wu(吴航锐)

7.1 Publications

PhD: Lab of Molecular Recognition and Biochemical Analysis, College of Chemistry and Molecular Engineering, Peking University

Advisor: Professor Meiping Zhao

Undergraduate Research: College of Chemistry, Beijing Normal University

Advisor: Professor Huiliang Wang

2. Junwen Deng, Haoyuan Jia, Wendi Xie, **Hangrui Wu**, Jingyun Li, and Huiliang Wang. *Non-traditional Organic/Polymeric Luminogens with Red-Shifted Fluorescence Emissions*. Macromolecular Chemistry and Physics,223(5):2100425, **2022**.

1. Junwen Deng[†], **Hangrui Wu**[†], Wendi Xie, Haoyuan Jia, Zhonggang Xia and Huiliang Wang, *Metal Cation-Responsive and Excitation-Dependent Nontraditional Multicolor Fluorescent Hydrogels for Multidimensional Information Encryption*. ACS Applied Materials & Interfaces, 13(33), 39967-39975, **2021**.

7.2 Patents

7.3 Conferences Reports

8 Jing-dong Zhang(张敬东)

8.1 Publications

Master: College of Chemistry, Beijing Normal University

Advisor: Professor Guo-wen Xing

Undergraduate Research: College of Chemistry, Beijing Normal University

Advisor: Professor Guo-wen Xing

2. Yan-ming Ji, Wenyan Zhang, **Jing-dong Zhang**, Xia-fen Li, Fan-dong Yu, Cui-yun Li, Guang-jian Liu, and Guo-wen Xing. *Dual Functional Amphiphilic Sugar-Coated AIE-Active Fluorescent Organic Nanoparticles For the Monitoring and Inhibition of Insulin Amyloid Fibrillation Based on Carbohydrate-Protein Interactions*. Journal of Materials Chemistry B, 10, 5602-5611, **2022**.

1. Min Hou, Yi-chen Liu, Wei Zhou, **Jing-dong Zhang**, Fan-dong Yu, Yuan Zhang, Guang-jian Liu, and Guo-wen Xing. *Water-soluble AIE-Active Fluorescent Organic Nanoparticles: Design, Preparation and Application for Specific Detection of Cyanide in Water and Food Samples*. Chemistry-an Asian Journal, 16(15):2014-2017, **2021**.

8.2 Patents

8.3 Conferences Reports