

个人简历

个人信息:

姓名: 符方玉
职称: 预聘助理教授/硕士生导师
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教育背景:

博士: 2015/11-2020/3 波尔多大学分子科学学院 (ISM, University of Bordeaux, France) 专业: 高分子
硕士: 2012/09-2015/06 安徽大学化学化工学院 专业: 化学工程
学士: 2008/09-2012/06 安徽大学化学化工学院 专业: 高分子材料与工程

工作经历:

2020/4 至今 北京理工大学 化学与化工学院 预聘助理教授/硕士生导师

研究方向:

币金属纳米团簇的合成及性能研究; 光驱动水分解及二氧化碳还原材料; 过渡金属纳米颗粒的合成及性能研究

承担项目:

主持国家自然科学基金青年科学基金项目一项(24万元)、中国博士后科学基金特别资助(站前)一项(18万元), 北京理工大学学术启动计划。

荣誉奖励:

2015-2019 国家建设高水平大学公派研究生项目资助

发表论文:

近年来, 在 *J. Am. Chem. Soc.*, *ACS. Catal.*, *Acc. Chem. Res.*, *Chin. J. Catal.*, *Chem. Commun.*, *Sci. China Chem.* 等主流学术期刊上发表论文二十余篇, 代表性论文如下:

- [1] Yeqin Feng, Lin Qin, Junhao Zhang, **Fangyu Fu***, Huijie Li, Hua Xiang, Hongjin Lv*, Wheel-shaped icosanuclear Cu containing polyoxometalate catalyst: Mechanistic and stability studies on light driven hydrogen generation. *Chin. J. Catal.*, **2021**, DOI: 10.1016/S1872-2067(21)63840-8.
- [2] Changlong Wang, Qi Wang, **Fangyu Fu**, and Didier Astruc*. Hydrogen Generation upon Nanocatalyzed Hydrolysis of Hydrogen-Rich Boron Derivatives: Recent Developments. *Acc. Chem. Res.*, **2020**, 53, 2483-2493.
- [3] **Fangyu Fu**, Anthony Dedieu, Wenjuan Wang, Tao Chen, Yongbo Song, Eric Fouquet, Jean-René Hamon, Manzhou Zhu,* and Didier Astruc*. Stabilization of a New Nanocomposite Family by Reduction of Gold Nanoclusters with Electron-reservoir Complexes. *Chem. Commun.*, **2019**, 55, 10277-10280.
- [4] **Fangyu Fu**, Changlong Wang, Qi Wang, Angel M. Martinez-Villacorta, Ane Escobar, Hanbao Chong, Xin Wang, Sergio Moya, Lionel Salmon, Eric Fouquet, Jaime Ruiz and Didier Astruc*.

Highly Selective and Sharp Volcano-type Synergistic Ni₂Pt@ZIF-8- Catalyzed Hydrogen Evolution from Ammonia Borane Hydrolysis. *J. Am. Chem. Soc.*, **2018**, *140*, 10034-10042.

[5] **Fangyu Fu**, Roberto Ciganda*, Qi Wang, Alexis Tabey, Changlong Wang, Ane Escobar, Angel M. Martinez-Villacorta, Ricardo Hernandez, Sergio Moya, Eric Fouquet, Jaime Ruiz and Didier Astruc*. Cobaltocene Reduction of Cu and Ag Salts and Catalytic Behavior of the Nanoparticles Formed. *ACS Catal.*, **2018**, *8*, 8100-8106.

[6] **Fangyu Fu**, Qi Wang, Roberto Ciganda, Angel M. Martinez-Villacorta, Ane Escobar, Sergio Moya, Eric Fouquet, Jaime Ruiz and Didier Astruc*. Electron- and Hydride- Reservoir Organometallics as Precursors of Catalytically Efficient Transition Metal Nanoparticles in Water. *Chem. Eur. J.*, **2018**, *24*, 6645-6653.

[7] **Fangyu Fu**, Ji Xiang, Hao Cheng, Longjiu Cheng, Hanbao Chong, Shuxin Wang, Peng Li*, Shiqiang Wei*, Manzhou Zhu* and Yadong Li. A Robust and Efficient Pd₃ Cluster Catalyst for the Suzuki Reaction and Its Odd Mechanism. *ACS Catal.*, **2017**, *7*, 1860-1867.

[8] **Fangyu Fu**, Angel Martinez, Changlong Wang, Roberto Ciganda, Luis Yate, Ane Escobar, Sergio Moya, Eric Fouquet, Jaime Ruiz and Didier Astruc*. Exposure to air boosts CuAAC reactions catalyzed by PEG-stabilized Cu nanoparticles. *Chem. Commun.*, **2017**, *53*, 5384-5387.

[9] **Fangyu Fu**, Angel M. Martinez-Villacorta, Ane Escobar, Joseba Irigoyen, Sergio Moya, Eric Fouquet, Jaime Ruiz and Didier Astruc*. Synthesis of late transition-metal nanoparticles by Naphthalenide reduction of salts and their catalytic efficiency. *Inorg. Chem. Front.*, **2017**, *4*, 2037-2044.

[10] **Fangyu Fu**, Sen He, Sha Yang, Chen Wang, Xun Zhang, Peng Li, Hongting Sheng*, and Manzhou Zhu*. Monodispersed AuPd nanoalloy: composition control synthesis and catalytic properties in the oxidative dehydrogenative coupling of aniline. *Sci. China Chem.*, **2015**, *58*, 1532-1536.