



Profile

1990.09 - 1994.06 Bachelor Zhengzhou University
1996.09 - 2001.06 PhD Dalian University of Technology
2001.07 - 2006.02 Post doctor Shanghai Institute of Ceramics, CAS
2003.03 - 2014.12 Post doctor IRCELYON, CRNS
2005.01 - 2005.12 Associate professor Shanghai Jiao Tong University
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Research Field

Polymer-based nano-hybrids and cancer diagnosis and therapy
MOFs-based nanomaterials for early diseases diagnosis and treatment
Novel mesoporous materials for drug delivery
Hierarchical porous hybrid scaffolds for bone repair and regeneration
Hierarchical structure nanomaterials for catalysis and energy

Research results and selected published papers

1. Jina Hao, Yongsheng Li*, Concurrent Modulation of Competitive Mechanisms to Design Stimuli-Responsive Ln-MOFs: A Light-Operated Dual-Mode Assay for Oxidative DNA Damage, *Adv. Fun. Mater.*, 2019, 29,1903058.
2. Xiaobo Jia, Yihua Zhang, Yu Zou, Yao Wang, Dechao Niu, Qianjun He, Zhangjian Huang*, Weihong Zhu, He Tian, Jianlin Shi, and Yongsheng Li*, Dual intratumoral redox/enzyme-responsive NO-releasing nanomedicine for the specific, high-efficacy, and low-toxic cancer therapy, *Adv. Mater.*, 2018, 30, 1704490.
3. Dechao Niu, Yongsheng Li* and Jianlin Shi*, Silica/ organosilica cross-linked block copolymer micelles: a versatile theranostic platform, *Chem. Soc. Rev.*, 2017, 46, 569.
4. Nan Li, Dechao Niu, Yu Jiang, Chuanpeng Xu, Shan Pan, Jianping He, Jianzhuang Chen, Linlin Zhang, Yongsheng Li*, Morphology evolution and spatially selective functionalization of hierarchically porous silica nanospheres for improved multidrug delivery, *Chem. Mater.*, 2017, 29, 10377.
5. Yongsheng Li*, Andong Shao, Yao Wang, Ju Mei, Dechao Niu, Jinlou Gu, Ping Shi, Weihong Zhu*, He Tian, and Jianlin Shi, Morphology-tailoring of a red AIEgen from micro-sized rods to nanospheres for tumor-targeted bioimaging, *Adv. Mater.*, 2016, 28, 3187.
6. Fugen Sun, Hongye Cheng, Jianzhuang Chen, Nan Zheng, Yongsheng Li* and Jianlin Shi*, Heteroatomic SenS8-n molecules confined in nitrogen-doped mesoporous carbons as reversible cathode materials for high-performance lithium batteries, *ACS Nano*, 2016, 10, 8289.
7. Pei-Pei Yang, Yun-Gang Zhai, Guo-Bin Qi, Yao-Xin Lin, Qiang Luo, Yang Yang, An-Ping Xu, Chao Yang, Yongsheng Li*, Lei Wang*, and Hao Wang*, NIR light propulsive Janus-like nanohybrids for enhanced photothermal tumor therapy, *Small*, 2016, 12, 5423.
8. Yongping Gao, Yongsheng Li*, Yao Wang, Yi Chen, Jinlou Gu, Wenru Zhao, Jian Ding, and Jianlin Shi*, Controlled synthesis of multilayered gold nanoshells for enhanced photothermal therapy and SERS detection, *Small*, 2015, 11, 77.
9. Yongping Gao, Yongsheng Li*, Jianzhuang Chen, Shaojia Zhu, Xiaohang Liu, Liangping Zhou, Ping Shi, Dechao Niu, Jinlou Gu, and Jianlin Shi*, Multifunctional gold nanostar-based nanocomposite: Synthesis and application for noninvasive MR-SERS imaging-guided photothermal ablation, *Biomaterials*, 2015, 60, 31.
10. Dechao Niu, Zuojin Liu, Yongsheng Li*, Xiaofeng Luo, Junyong Zhang, Jianping Gong,* and Jianlin Shi* Monodispersed and ordered large-pore mesoporous silica nanospheres with tunable pore structure for magnetic functionalization and gene delivery, *Adv. Mater.*, 2014, 26, 4947.
11. Yongsheng Li* and Jianlin Shi*, Hollow-structured mesoporous materials: chemical synthesis, functionalization and Applications, *Adv. Mater.*, 2014, 26, 3176.
12. Dechao Niu, Xia Wang, Yongsheng Li*, Yuanyi Zheng, Faqi Li, Hangrong Chen, Jinlou Gu, Wenru Zhao, and Jianlin Shi*, Facile synthesis of magnetite/perfluorocarbon co-loaded organic/inorganic hybrid vesicles for dual-modality ultrasound/magnetic resonance imaging and imaging- guided high-intensity focused ultrasound ablation, *Adv. Mater.*, 2013, 25, 2686.
13. Wenjie Dong, Yongsheng Li*, Dechao Niu, Zhi Ma, Jinlou Gu, Yi Chen, Wenru Zhao, Xiaohang Liu, Changsheng Liu, and Jianlin Shi*, Facile synthesis of monodisperse superparamagnetic Fe₃O₄ core@hybrid@Au shell nanocomposite for bimodal imaging and photothermal therapy, *Adv. Mater.*, 2011, 23, 5392.
14. Dechao Niu, Yongsheng Li*, Zhi Ma, Hua Diao, Jinlou Gu, Hangrong Chen, Wenru Zhao, Meiling Ruan, Yonglian Zhang, and Jianlin Shi*, Preparation of uniform, water-soluble, and multifunctional nanocomposites with tunable sizes, *Adv. Funct. Mater.*, 2010, 20, 773.
15. Dechao Niu, Zhi Ma, Yongsheng Li*, and Jianlin Shi*, Synthesis of core-shell structured dual-mesoporous silica spheres with tunable pore size and controllable shell thickness, *J. Am. Chem. Soc.*, 2010, 132, 15144.