<table>
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<tr><td colspan="9">研究成果（本人具有代表性的论著、论文及主持的科研项目）</td></tr>
<tr><td>论文</td><td colspan="8">1. Xu Wang, Ziyuan Song,* Shiqi Wei, Guonan Ji, Xuetao Zheng, Zihuan Fu, Jianjun Cheng.* Polypeptide-based drug delivery systems for programmed release, Biomaterials, 2021, 275, 120913.
2. Xu Wang, Zihao Zhao, Tianrui Xue, Zhengzhong Tan, Ziyuan Song, Shiqi Wei, Yang Bo, Ying Wang, Jianjun Cheng.* Nanoengineered polypeptides from tetraphenylethylene-functionalized N-carboxyanhydride: Synthesis, self-assembly and intrinsic aggregation-induced emission, Prog. Nat. Sci.-Mater., 31(4), 2021, 541-545.
3. Zhenwei Su, Zecong Xiao, Yong Wang, Jinsheng Huang, Yongcheng An, Xu Wang, Xintao Shuai.* Codelivery of Anti-PD-1 Antibody and Paclitaxel with Matrix Metalloproteinase and pH Dual-Sensitive Micelles for Enhanced Tumor Chemoimmunotherapy, Small, 2020, 16, 1906832.
4. Hui Cui, Bo-Wen Zhang, Hao-Lin Ding, You-Ming Hu, Xian-Hua Wang, Liang Xu, Xiao-Jie Jiao, Hui-Ning He,* Xu Wang,* Xian-Shun Zeng, Victor C. Yang. A cis-Diol/pH Dual-Responsive Upconversion Nanoplatform: Synthesis, Characterization, and in vitro Demonstration, J. Biomed. Nanotechnol., 2019, 15: 487~499.</td></tr>
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论文	5. Cai Zhang, Hai-Yan Pan, **Xu Wang,*** Shao-Kai Sun.* Microwave-assisted Ultrafast Fabrication of High-performance Polypyrrole Nanoparticles for Photothermal Therapy of Tumors in vivo, ***Biomater. Sci.***, 2018, 6: 2750~2756. 6. **Xu Wang,** Fang-Fang Yang, Li-Ping Zhang, Yan-Ping Huang,* Zhao-Sheng Liu.* A polyhedral oligomeric silsesquioxane/molecular sieve codoped molecularly imprinted polymer for gastroretentive drug-controlled release in vivo. ***Biomater. Sci.***, 2018, 6: 3170–3177. 7. **Xu Wang,** Xiu-Ping Yan.* Analyte-driven Self-assembly of Graphene Oxide Sheets onto Hydroxycamptothecin-functionalized Upconversion Nanoparticles for the Determination of Type I Topoisomerases in Cell Extracts, ***Anal. Bioanal. Chem.,*** 2018, 410: 6761~6769. 8. **Xu Wang,** Liang Xu,* Rui-Zhi Mao, Xin-Chao Zhao, Bei Xu, Cheng Tang, Jia-Hui He, Yan-Wen Zhang.* An Insertion/Self-fusion Mechanism for Cell Membrane Immobilization on Porous Silica Beads to Fabricate Biomimic Carriers, ***Biomater. Sci.***, 2017, 5: 1334~1341. 9. Jin-Bin Pan#, Ya-Qiong Wang#, Cai Zhang#, Xiao-Yi Wang, Hao-Yu Wang, Jiao-Jiao Wang, Yi-Zhong Yuan, **Xu Wang**, Xue-Jun Zhang, Chun-Shui Yu, Shao-Kai Sun,* Xiu-Ping Yan. Antigen-Directed Fabrication of a Multifunctional Nanovaccine with Ultrahigh Antigen Loading Efficiency for Tumor Photothermal-Immunotherapy, ***Adv. Mater.***, 2018, 30: 1704408. 10. Jun-Xiao Ye, # Xing Pei, # Hui Cui, Zhi-Li Yu, Hyukjin Lee, Jian-Xin Wang, **Xu Wang,** LuSun,* Hui-Ning He,* Victor C. Yang. Cellular uptake mechanism and comparative in vitro cytotoxicity studies of m onomeric LMWP-siRNA conjugate, ***J. Ind. Eng. Chem.*** 2018, 63: 103-111. 11. Ling-LingYing, De-Yin Wang, Hui-Ping Yang, Xi-Yan Deng, Chao Peng, Chao Zheng, Bei Xu, Lin-Yi Dong, **Xu Wang**, Liang Xu,* Yan-Wen Zhang, Xian-Hua Wang.* Synthesis of boronate-decorated polyethyleneimine-grafted porouslayer open tubular capillaries for enrichment of polyphenols in fruitjuices, ***J. Chromatogr. A.,*** 2018, 1544: 23-32.

科研项目	国家自然科学基金面上项目，近红外光驱动细胞膜仿生稀土上转换纳米马达用于微血管栓塞的诊断与治疗，在研，**项目负责人**； 国家自然科学基金青年项目，构建双靶向稀土上转换纳米探针用于肿瘤成像与治疗，结题，**项目负责人**； 天津自然科学基金面上项目，细胞膜仿生纳米探针用于β淀粉样肽构象转换的实时监测，结题，**项目负责人**； 中国博士后科学基金面上项目，双模态成像纳米探针用于胶质瘤早期诊断及原位疗效评价，结题，**项目负责人**； 天津市临床药学与关键技术重点实验室开放课题，近红外光激活上转换诊疗一体化探针用于光动力疗法/化疗联合治疗，结题，**项目负责人**； 天津医科大学自然科学基金青年项目，上转换纳米探针用于光导向肿瘤的光动力疗法/化疗联合治疗，结题，**项目负责人**； 中国科技部政府间科技合作项目，融合智能递药及干细胞组织工程技术的肢体缺血再生治疗，结题，参与人； 国家自然科学基金面上项目，针对肿瘤相关巨噬细胞在乳腺肿瘤中发展和分布的分子影像学研究，结题，参与人； 国家自然科学基金面上项目，基于分子靶向和多模融合的肝癌边界精准定位方法关键技术研究，结题，参与人。
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