

个人简介:

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技术职务: 副教授 专业及学历: 生物化工制药, 博士

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工作及教育经历:

2010/10 - 至今, 天津工业大学, 化学与化学工程学院, 副教授, 硕士生导师;

2005/07 - 2010/04, 新加坡国立大学, 化学与生物分子工程学院, 博士;

2001/09 - 2004/01, 天津大学, 化学工程学院, 硕士学位;

1995/09 - 1999/07, 西北大学, 化学工程学院, 本科, 学士学位

研究方向:

1. 抗肿瘤纳米药物制剂
2. 生物材料、生物成像、纳米医学

获奖与社会兼职:

1. 中国抗癌协会纳米肿瘤学专业委员会委员
2. 中国化工学会会员

主持及参加的科研项目:

国家自然科学基金, 21646010, 酶响应多功能纳米药物载体的制备及其在肿瘤联合化疗中的应用, 2017/01-2017/12, 10 万元, 已结题, 主持。

代表性学术论文:

1. Jie Pan*, Pei-Jiao Li, Yi Wang, Lu Chang, Dong Wan* and Hao Wang*, Active targeted drug delivery of MMP-2 sensitive polymeric nanoparticles, *Chemical Communications*, 2018, DOI: 10.1039/C8CC05504A. (JIF=6.290, 通讯作者, 第一单位).
2. Wei-Jiao Liu, Di Zhang, Li-Li Li, Zeng-Ying Qiao, Ju-Chen Zhang, Ying-Xi Zhao, Guo-Bin Qi, Dong Wan, **Pan Jie***, Hao Wang*, In Situ construction and characterization of chlorin-based supramolecular aggregates in tumor cells, *ACS applied materials & interfaces*, 2016, 8 (35): 22875-22883. (JIF=8.097, 通讯作者, 第一单位).
3. Wan Dong, Liu Weijiao, Wang Lei, Wang Hao and **Pan Jie***, Fluoridated hydroxyapatite: Eu³⁺ nanorods-loaded folate-conjugated D- α -tocopheryl polyethylene glycol succinate (Vitamin E TPGS) micelles for targeted imaging of cancer cells, *Nanotechnology*, 2016, 27(10): 105703. (JIF=3.404, 通讯作者, 第一单位).

4. Lili Wang, Yuangang Liu, Chuanbin Chong, Jing Wang, Zhiqiang Shi*, **Pan Jie***, Phenolic formaldehyde resin/graphene composites as lithium-ion batteries anode, *Materials letters*, 2016,170: 217-220. (JIF=2.687,通讯作者,第一单位).
5. **Pan Jie***, Wei-Jiao Liu, Chao Hua, Li-Li Wang, Dong Wan*, Jun-Bo Gong*, Polymeric nanocomposites loaded with fluoridated hydroxyapatite Ln³⁺ (Ln = Eu or Tb)/iron oxide for magnetic targeted cellular imaging, *Cancer Biology & Medicine*, 2015,12 (3):175-183. (JIF=4.607,第一兼通讯作者).
6. JuChen Zhang, Zeng-Ying Qiao,Pei-Pei Yang, **Pan Jie***, Lei Wang*, Hao Wang*, Recent advances in near-infrared absorption nanomaterials as photoacoustic contrast agents for biomedical imaging, *Chinese Journal of Chemistry*, 2015,33(1):35-52. (JIF=2.378, 通讯作者, 第一单位).
7. **Pan Jie***, Zhang Juchen, Wang Lili, Wan Dong*, Synthesis of Iron Oxide coated Fluoridated HAp/Ln³⁺ (Ln=Eu or Tb) nanocomposites for Biological Applications, *Chemical Communications*, 2014,50:14010-14012. (JIF=6.290, 第一兼通讯作者).
8. **Pan Jie**[#], Wan Dong[#], uxia Bian, Yugao Guo, Fengmin Jin, Tuo Wang, Gong Jinlong*, Reduction of nonspecific binding for cellular imaging using quantum dots conjugated with vitamin E, *AICHE Journal*, 2014, 60 (5) :1591-1597. (JIF=3.326).
9. **Pan Jie**, Sun hongfan, Wan Dong, Bian Yuxia, Gong Jinlong*, Fluorescent hydroxyapatite-loaded biodegradable polymer nanoparticles with folate decoration for targeted imaging, *AICHE Journal*, 2013, 59 (12):4494-4501. (JIF=3.326).
10. **Pan Jie**, Wan Dong, Gong Jinlong*, PEGylated liposome coated QDs/mesoporous silica core-shell nanoparticles for molecular imaging, *Chemical Communications*, 2011, 47:3442-3444. (JIF=6.290).
11. **Pan Jie**, Liu Yutao, Feng SS*, Multifunctional nanoparticles of biodegradable copolymer blend for cancer diagnosis and treatment, *Nanomedicine*, 2010, 5 (3):347-360. (JIF=5.005).
12. **Pan Jie**, Feng SS*, Targeting and imaging cancer cells by folate decorated, quantum dots loaded nanoparticles of biodegradable polymers, *Biomaterials*,2009, 30:1176-1183. (JIF=8.806). (Ranked by ScienceDirect.com as Top 25 Hottest Paper at 17th position in the journal of Biomaterials, Q1 2009)
13. **Pan Jie**, Wan Yan, Feng SS*, Formulation, characterization and in vitro evaluation of quantum dots-loaded poly(lactide)-vitamin E TPGS nanoparticles for cellular and molecular imaging, *Biotechnology and Bioengineering*,2008,101(3):622-633. (JIF=3.952).
14. **Pan Jie**, Feng SS*, Targeted delivery of paclitaxel using folate-decorated poly (lactide)-vitamin E TPGS nanoparticles, *Biomaterials*, 2008, 29:2663-2672. (JIF=8.806). (Ranked by ScienceDirect.com as Top 25 Hottest Paper at 6th position in the journal of Biomaterials, Q2 2008)
15. Li-Li Li, Sheng-Lin Qiao, Wei-Jiao Liu, Yang Ma, Dong Wan, **Pan Jie** and Hao Wang*, Intracellular construction of topology-controlled polypeptide nanostructures with diverse biological functions, *Nature Communications*, 2017,1276. (JIF=12.353).
16. Li Kai, **Pan Jie**, Feng SS, Liu Yutao, Liu Bin*, Generic Strategy of Preparing Fluorescent Conjugated-Polymer-Loaded Poly(DL-lactide-co-Glycolide) Nanoparticles for Targeted Cell Imaging, *Advanced Functional Materials*, 2009,19 (22):3535-3542. (JIF=13.325).