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个人简介

1982-1997 1982年毕业后留在南京大学工作, 1996年经南京大学教师职务评聘委员会审批为教授, 1997年经南京大学学位委员会审批为博士生导师。
1997-2002 任南京大学党委副书记、校长助理。
2002-2008 任南京师范大学党委书记。
2008-2017 任江苏省教育厅厅长, 党组书记、省委教育工委书记。
2002-至今 南京师范大学教授、博导; 生物医药功能材料国家地方联合工程研究中心、江苏省生物医药功能材料协同创新中心、江苏省界面化学工程技术研究中心主任。

研究方向

一直从事于表(界)面化学和功能高分子复合材料的科研工作, 主持了14项国家和省部级科研项目 and 6项较大规模的横向科研项目; 通过省(部)级鉴定8项; 在国内外核心刊物上发表研究论文370多篇, 其中被SCI收录论文300余篇, 参编专著3本, 授权发明专利60项。有9项成果应用于生产, 已累计新增产值250多亿元。培养了博士后6名, 研究生近100名; 其中3名获南京大学优秀博士后, 1名获第二届挑战杯中国大学生创业计划竞赛金奖、3名获第4-6届挑战杯全国大学生课外学术科技作品竞赛一等奖。

部分奖励或荣誉

1996年被评为“1992-1996年度江苏省科技成果向生产力转化先进个人”; 1997年开始享受国务院政府特殊津贴; 1998年被共青团中央、国家科技部、全国青联联合授予第三届中国优秀青年科技创业奖; 2002年被授予“江苏省有突出贡献中青年专家”; 2003年被评为第五届南京市“十大科技之星”; 2004年被评为“首届江苏省十大杰出专利发明人”; 2009年获江苏省科学技术进步一等奖; 2010年获教育部自然科学一等奖, 2013年获中国石油化工联合会技术发明一等奖; 2016年获教育部第五届全国教育科学研究优秀成果一等奖及江苏省教育科学研究优秀成果一等奖; 2017年获江苏省教学成果一等奖。

近年来, 共获省部级科研技术奖励一等奖3项, 二等奖2项, 三等奖2项, 2次被共青团中央、国家科技部、中国科协授予优秀园丁奖, 获省部级教学成果一等奖3项。

代表性论文

在国内外核心刊物上发表研究论文370多篇, 其中被SCI收录论文300余篇, 包括CHEMICAL REVIEWS, ADVANCED MATERIALS, BIOMATERIALS等国际重要学术期刊。

1. Niu, YL; Chu, ML; Xu, P; Meng, SS; Zhou, Q; Zhao, WB*; Zhao, B; Shen, J*, An aptasensor based on heparin-mimicking hyperbranched polyester with anti-biofouling interface for sensitive thrombin detection, *BIOSENSORS & BIOELECTRONICS*, 201803,101,174-180.
2. Zhang, M; Wang, WT; Cui, YJ; Chu, XH; Sun, BH; Zhou, NL*; Shen, J*, Magnetofluorescent Fe₃O₄/carbon quantum dots coated single-walled carbon nanotubes as dual-modal targeted imaging and chemo/photodynamic/photothermal triple-modal therapeutic agents, *CHEMICAL ENGINEERING JOURNAL*, 201804,338,526-538.
3. Chi, C; Sun, BH; Zhou, NL*; Zhang, M; Chu, XH; Yuan, P; Shen, J*, Anticoagulant polyurethane substrates modified with poly(2-methacryloyloxyethyl phosphorylcholine) via SI-RATRP, *COLLOIDS AND SURFACES B-BIOINTERFACES*, 201803,163,301-308.
4. Niu, YL; Yang, T; Ma, SS; Peng, F; Yi, MH; Wan, MM; Mao, C*; Shen, J*, Label-free immunosensor based on hyperbranched polyester for specific detection of alpha-fetoprotein, *BIOSENSORS & BIOELECTRONICS*, 201706,92,1-7.
5. Wan, MM; Zhang, J; Wang, Q; Zhan, SY; Chen, XD; Mao, C*; Liu, YH; Shen, J*, In Situ Growth of Mesoporous Silica with Drugs on Titanium Surface and Its Biomedical Applications, *ACS APPLIED MATERIALS & INTERFACES*, 201706,9(22),18609-18618.
6. Zhu, D*; Shang, J; Ye, XD; Shen, J*, Aggregation and Gelation of Aromatic Polyamides with Parallel and Anti-parallel Alignment of Molecular Dipole Along the Backbone, *SCIENTIFIC REPORTS*, 201612,6.
7. Ma, Y; Mou, QB; Sun, M; Yu, CY; Li, JQ; Huang, XH; Zhu, XY*; Yan, DY; Shen, J*, Cancer Theranostic Nanoparticles Self-Assembled from Amphiphilic Small Molecules with Equilibrium Shift-Induced Renal Clearance, *THERANOSTICS*, 201606,6(10),1703-1716.
8. Zhou, X; Chen, Q; Wang, AQ; Xu, J; Wu, SS*; Shen, J*, Bamboo-like Composites of V₂O₅/Polyindole and Activated Carbon Cloth as Electrodes for All-Solid-State Flexible Asymmetric Supercapacitors, *ACS APPLIED MATERIALS & INTERFACES*, 201602,8(6),3776-3783.
9. Zhou, X*; Wang, AQ; Yu, CF; Wu, SS*; Shen, J*, Facile Synthesis of Molecularly Imprinted Graphene Quantum Dots for the Determination of Dopamine with Affinity-Adjustable, *ACS APPLIED MATERIALS & INTERFACES*, 201506,7(22),11741-11747.
10. Zhou, X; Ma, PP; Wang, AQ; Yu, CF; Qian, T; Wu, SS*; Shen, J*, Dopamine fluorescent sensors based on polypyrrole/graphene quantum dots core/shell hybrids, *BIOSENSORS & BIOELECTRONICS*, 201502,64,404-410.
11. Dong, RJ; Zhou, YF; Huang, XH; Zhu, XY*; Lu, YF; Shen, J*, Functional Supramolecular Polymers for Biomedical Applications, *ADVANCED MATERIALS*, 201501,27(3),498-526,特刊:SI.
12. Xia, A; Zhang, XF; Zhang, J; Deng, YY; Chen, Q; Wu, SS; Huang, XH*; Shen, J*, Enhanced dual contrast agent, Co²⁺-doped NaYF₄:Yb³⁺,Tm³⁺ nanorods, for near infrared-to-near infrared upconversion luminescence and magnetic resonance imaging, *BIOMATERIALS*, 201411,35(33),9167-9176.
13. Xia, A; Deng, YY; Shi, H; Hu, J; Zhang, J; Wu, SS; Chen, Q; Huang, XH*; Shen, J*, Polypeptide-Functionalized NaYF₄:Yb³⁺,Er³⁺ Nanoparticles: Red-Emission Biomarkers for High Quality Bioimaging Using a 915 nm Laser, *ACS APPLIED MATERIALS & INTERFACES*, 201410,6(20),18329-18336.
14. Miao, JJ; Wang, XB; Lu, LD; Zhu, PY; Mao, C*; Zhao, HL; Song, YC; Shen, J*, Electrochemical immunosensor based on hyperbranched structure for carcinoembryonic antigen detection, *BIOSENSORS & BIOELECTRONICS*, 201408,58,9-16.
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16. Yuan, B; Chen, Q*; Ding, WQ; Liu, PS; Wu, SS; Lin, SC; Shen, J*; Gai, Y, Copolymer Coatings Consisting of 2-Methacryloyloxyethyl Phosphorylcholine and 3-Methacryloxypropyl Trimethoxysilane via ATRP To Improve Cellulose Biocompatibility, *ACS APPLIED MATERIALS & INTERFACES*, 201208,4(8),4031-4039.
17. Zhao, W; Zhang, GH; Jiang, LC; Lu, TH; Huang, XH*; Shen, J*, Novel polyurethane ionomer nanoparticles displayed a good biosensor effect, *COLLOIDS AND SURFACES B-BIOINTERFACES*, 201111,88(1),78-84.
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19. Mao, C; Liang, CX; Luo, WP; Bao, JC; Shen, J*; Hou, XM; Zhao, WB*, Preparation of lotus-leaf-like polystyrene micro- and nanostructure films and its blood compatibility, *JOURNAL OF MATERIALS CHEMISTRY*, 200910,19(47),9025-9029.
20. Zou, H; Wu, SS*; Shen, J*, Polymer/silica nanocomposites: Preparation, characterization, properties, and applications, *CHEMICAL REVIEWS*, 200809,108(9),3893-3957.

上一篇: 赵文波

下一篇: 徐翔星