



Department Of  
Material Science

# 复旦大学材料科学系

Welcome to mse.fudan.edu.cn

- › 本系概况
- › 组织机构
- › 师资队伍
- › 科研简介
- › 学生园地
- › 招生就业
- › English Version

## 科研机构

- › 国家微分析中心
- › 教育部先进涂料工程研究中心
- › 纳米技术发展中心
- › 复旦大学光纤中心
- › 联合实验室



## 人才培养

- › 本科生
- › 研究生
- › 工程硕士
- › 学术交流



## 科研成果

- › 2007年
- › 2006年
- › 2005年
- ›
- ›



## 系内服务

- › 仪器设备共享
- › 系内FTP
- › 资料服务
- › 学生网首页
- › 招聘启事

2006年

SCI 论文

材料化学

序号	论文题目	作者	发表期刊	所属分区	Impact Factor
1	How Does the Initial Alignment of Mesogens Affect the Photoinduced Bending Behavior of the Azobenzene Liquid-Crystalline Elastomers	Mizuho Kondo, Yanlei Yu and Tomiki Ikeda*	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION 45 (9): 1378-1382 2006	1	9.596
2	Soft Actuators Based on Liquid-Crystalline Elastomers	Yanlei Yu* and Tomiki Ikeda*	Angew. Chem. Int. Ed. Volume 45, Issue 33, Date: August 18, 2006, Pages: 5416-5418	1	9.596
3	A Method for the Fabrication of Monodisperse Hollow Silica Spheres	Chen M, Wu LM*, Zhou SX, You B	Advanced Materials, 18, 801-806(2006)	1	9.107
4	Organic Pigment Particles Coated with Titania via Sol-gel Process	Yuan JJ, Zhou SX, Wu LM*, You B,	Journal of Physics Chemistry B, 110 (1): 388-394( 2006)	4	4.033
5	A Facile Preparation Method of SiO <sub>2</sub> /PS/TiO <sub>2</sub> Multilayer Core-Shell Hybrid Microspheres	Zhou J, Chen M, Qiao XG, Wu LM* ,	Langmuir, 22(24), 10175-10179 (2006)	2	3.705
6	Novel and Facile Method for Preparation of Monodisperse Titania Hollow Spheres	Cheng XJ, Chen M, Wu LM*, Gu GX	Langmuir, 22(8), 3858-3863(2006)	2	3.705
7	A novel method for the fabrication of monodisperse hollow silica spheres	Deng ZW, Chen M, Wu LM*, Zhou SX, You B.	Langmuir, 22, 6403-6407 (2006)	2	3.705
8	Synthesis of Silanol-Functionalized Latex Nanoparticles through Miniemulsion Copolymerization of Styrene and $\gamma$ -Methacryloxypropyltrimethoxysilane	Zhang SW, Zhou SX, Wu LM*, You B	Langmuir, 22, 4674-4679 (2006)	2	3.705
9	Investigation of Thermodynamic Properties of Poly(methyl methacrylate-co-n-butyl acrylate-co-cyclopentyl styryl- polyhedral oligomeric silsesquioxane) by Inverse Gas Chromatography	Zou QC, Zhang SL, Wang SM, Wu LM*,	Journal of Chromatography A, 1129, 255-261 (2006)	2	3.096
10	Surface Characterization of MMA-co-BA-co-styryl-POSS Copolymers by Inverse Gas Chromatography	Zou QC, Zhang SL, Tang QQ, Wang SM, Wu LM*	Journal of Chromatography A, 1110, 140-145(2006)	2	3.096
11	Preparation of SiO <sub>2</sub> /PMMA Composite Particles via Conventional Emulsion Polymerization	Chen XJ, Zhou SX, Wu LM*	Journal of Polymer Science-Part A: Polymer chemistry, 44, 3807-3816 (2006) (IF=3.027)	3	3.027
12	Synthesis of SiO <sub>2</sub> /Poly(Styrene-co-Butyl acrylate) Nanocomposite Microspheres via Miniemulsion Polymerization	Zhou J, Zhang SW, Qiao XG, Li XQ, Wu LM*	Journal of Polymer Science-Part A: Polymer chemistry, 44 (10), 3202-3209(2006)	3	3.027
13	Microstructure and properties of polyester-based polyurethane/titania hybrid films prepared by sol-gel process	Chen YC, Zhou SX, Gu GX, Wu LM*	Polymer, 47 (5): 1640-1648(2006)	3	2.849

14	One-step method for synthesis of PDMS-based macroazoinitiators and block copolymers from the initiators	Feng LB, Fang HX, Zhou SX, Wu LM*, You B.,	Macromolecular Chemistry & Physics, 207, 1575-1583 (2006)	3	2.111
15	Preparation and Characterization of Polyurethane Hybrids from Reactive Polyhedral Oligomeric Silsesquioxanes (POSS)	Zhang SL, Zou QC, Wu LM*,	Macromolecular Materials & Engineering, 291, 895-901(2006)	3	1.421
16	Preparation and Characterization of trialkoxysilane capped-acrylic resin/alumina hybrid materials	Li MQ, Zhou SX, You B, Wu LM*,	Macromol. Mater. Eng., 291, 984-992(2006)	3	1.421
17	Microphase Separation Behavior on the Surfaces of PEG-MDI-PDMS Triblock Copolymer Coats	Fang HX, Zhou SX, Wu LM* ,	Applied Surface Science, 253, 2978-2983 (2006)	2	1.263
18	Self-assembled Monolayer Formation on Magnesium Alloy from Carboxylate Ions	Liu YL, Yu ZF, Zhou SX, Wu LM*	Applied Surface Science, 252, 3818-3829(2006)	2	1.263
19	Interaction and Microstructures of Polyester-based Polyurethane/Silica Hybrid Films Prepared by Sol-Gel Process	Chen YC, Zhou SX, YANG HH, Wu LM*,	Journal of Sol-gel Science and Technology . 37 (1): 39-47 (2006)	3	1.219
20	Morphology and melt crystallization of poly(L-lactide) obtained by ring opening polymerization of L-lactide with zinc catalyst	Yong He, Zhongyong Fan*, Jia Wei, Suming Li	POLYMER ENGINEERING AND SCIENCE 46 (11): 1583-1589 NOV 2006	2	1.076
21	UV-curable Coatings with Nano-TiO2	Li FS, Zhou SX, You B, Wu LM*,	Polymer Engineering and Science, 46 (10): 1402-1410 (2006)	3	1.076
22	Vapor Induced Crystallization Behavior of Bisphenol-A Polycarbonate	Zhongyong Fan*, Chang Shu, Yin Yu, V. Zaporozhtchenko, F. Faupel	POLYMER ENGINEERING AND SCIENCE 46 (6): 729-734 JUN 2006	2	1.076
23	Degradation Characteristics of Poly (ε-Caprolactone)-Based Copolymers and Blends	Ming-Hsi Huang, Suming Li*, Dietmar Werner Hutmacher, Jean Coudane, Michel Vert	Journal of Applied Polymer Science 102 (2): 1681-1687 OCT 15 2006	4	1.072
24	Kinetic Investigation on the UV-induced Photopolymerization of Nanocomposites by FTIR Spectroscopy	Li FS, Zhou SX, You B, Wu LM*	Journal of Applied Science, Vol. 99, Issue 4 , 1429 - 1436 (2006)	4	1.072
25	Kinetic Study on the UV-induced Photopolymerization of Epoxy Acrylate/TiO2 Nanocomposites by FTIR Spectroscopy	Li FS, Zhou SX, You B, Wu LM*	Journal of Applied Polymer Science, 99, 3281-3287 (2006)	4	1.072
26	De-agglomeration and dispersion of nano-TiO2 in an agitator bead mill	Liu YL, Yu ZF, Zhou SX*, Wu LM,	Journal of Dispersion Science and Technology, 27 (7): 983-990 (2006).	4	0.939
27	New observation on morphology of a thermotropic liquid crystalline polyesterimide crystallized at high temperature	Chi Zhenguo, Cheng Dan, Pan Xinwei, Fan Zhongyong*, Bu Haishan, Zheng Yun, Yang Hu, Cheng Rongshi	JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS 45 (2): 325-334 MAR 2006	4	0.861
28	Two-dimensional (2D) FTIR spectroscopic study on influence of entanglements on movements of freeze-dried atactic polystyrene molecules	Sun BJ, Wu PY, Fan ZY*	ACTA CHIMICA SINICA 64 (13): 1324-1328 JUL 14 2006	4	0.845
29	Effects of entanglements on crystallization of isotactic polystyrene	Yu Y , Xin Y , He Y , Zhou ZY , Fan ZY*	ACTA CHIMICA SINICA 64 (23): 2379-2383 DEC 14 2006	4	0.845
30	Molecular dynamics simulation of adsorption characteristics of alternative copoly(vinylidene fluoride-chlorotrifluoroethylene) at the 1,3,5-triamino-2,4,6-trinitrobenzene crystals surface	Nie FD , Liu J, Li JS , Huang H , Zhao XP , Li YS, Fan ZY*	ACTA CHIMICA SINICA 64 (24): 2414-2418 DEC 28 2006	4	0.845
31	Crystallization behavior of poly (L-lactide)-poly(ethylene glycol) diblock copolymers	Wu T , He Y , Wei J , Fan ZY , Li SM*	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE 27 (11): 2193-2197 NOV 10 2006	4	0.771
32	A facile approach for the fabrication of monodisperse hollow silica spheres	Deng ZW , Chen M , Zhou SX, You B , Wu LM*	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE 27 (10): 1795-1799 OCT 2006	4	0.711
33	Crystallization behavior of poly(L-lactide)	He Y, Gao ZF, Xin Y, Yu Y, Li SM, Fan ZY*	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE 27 (4): 745-748 APR 10 2006	4	0.711

34	Preparation and Surface Properties of Silicone Modified Polyester Based Polyurethane Coats	Yang J, Zhou SX, You B, Wu LM*,	Journal of Coatings Technology. Vol. 3, No. 4, 333-339(2006)	4	0.757
35	Synthesis of Novel Cross-linked Polyurethane Containing Modified Stilbene and Schief Base Chromophores for Second-order Nonlinear Optics	Ye MX*, Xu L, Ji LY, et al.	Journal of Nonlinear Optical Physics & Materials, Vol. 15 No. 2 (2006) 275-285	4	0.462
36	Morphology Evolution of Poly(St-co-BA)/Silica Nanocomposite Particles Synthesized by Emulsion Polymerization	Li H, Zhou SX*, You B, Wu LM*	Chinese Journal of Polymer Science, 24 (3), 323-331(2006)	4	0.383
37	Synthesis and characterization of raspberry-like PMMA/SiO <sub>2</sub> organic-inorganic composite particles	Chen M, You B, Zhou SX, Wu LM*	ACTA POLYMERICA SINICA (6): 790-794 SEP 2006	4	0.383

电子科学与技术

序号	论文题目	作者	发表期刊	所属分区	Impact Factor
1	Observation of two-photon absorption enhancement at double defect modes in one-dimensional photonic crystals	Jie Shen*, Zhuangjian Zhang, Zhongyi Hua, Guohong Ma, Sing Hai Tang	APPLIED PHYSICS LETTERS 88 (1): Art. No. 011113 JAN 2 2006	2	4.127
2	Polarization Fatigue in Ferroelectric Vinylidene Fluoride and Trifluoroethylene Copolymer Films	Guodong Zhu*, Zhigang Zeng, Li Zhang, Xuejian Yan	APPLIED PHYSICS LETTERS 89 (10): Art. No. 102905 SEP 4 2006	2	4.127
3	Electrically Controlled Anion Exchange Based on Polypyrrole and Carbon Nanotubes Nanocomposite for Perchlorate Removal.	Yuehe Lin*, Xiaoli Cui, Jagan Bontha	ENVIRONMENTAL SCIENCE & TECHNOLOGY 40 (12): 4004-4009 JUN 15 2006	1	4.054
4	Ultrafast all-optical switching in onedimensional photonic crystal with two defects	Guohong Ma*, Jie Shen, Zhuangjian Zhang, Zhongyi Hua, Sing Hai Tang	Optics Express 2006, 14 (2): 858-865	3	3.764
5	Electrosynthesis, Characterization and Applications of Novel Hybrid Materials Based on Carbon Nanotubes-Polyaniline-Nickel Hexacyanoferrate Nanocomposites	Yuehe Lin*, Xiaoli Cui,	JOURNAL OF MATERIALS CHEMISTRY 16 (6): 585-592 FEB 14 2006	1	3.688
6	Preparation, Characterization and Anion Exchange Properties of Polypyrrole/Carbon Nanotube Nanocomposite,	Xiaoli Cui, Mark H. Engelhard, Yuehe Lin*,	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY 6 (2): 547-553 FEB 2006	1	1.932
7	The Study of Local Dual-peak Vibratory Properties in Ferroelectric P(VDF-TrFE) Films	Guodong Zhu**, Zhigang Zeng, Li Zhang, XueJian Yan, Jie Li	JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS 44 (22): 3282-3287 NOV 15 2006	4	1.739
8	A Force Modulation Study on Crystallization Process in Ferroelectric Vinylidene Fluoride and Trifluoroethylene Copolymer Films	GuoDong Zhu*, *Jing Xu, XueJian Yan, Jie Li, ZhiGang Zeng, Miao Shen, Li Zhang	THIN SOLID FILMS 510 (1-2): 181-183 JUL 3 2006	3	1.569
9	Transparent conductive In <sub>2</sub> O <sub>3</sub> : Mo thin films prepared by reactive direct current magnetron sputtering at room temperature	Wei-na Miao, Xi-feng Li, Qun Zhang*, Li Huang, Zhuang-jian Zhang, Li Zhang, Xue-jian Yan	Thin Solid Films, 2006, 500(1-2): 70-73	2	1.569
10	Transparent conductive oxide thin films of tungsten-doped indium oxide	Li Xifeng, Zhang Qun*, Miao Weina, Huang Li, Zhang Zhuangjian	Thin Solid Films, 2006, 515(4): 2471-2474	2	1.569
11	Molecular Simulation Study on the Effect of Trapped Charges on Ferroelectric Switching in $\beta$ -phase PVDF Crystals	GuoDong Zhu**, Jing Xu, XueJian Yan, Jie Li, ZhiGang Zeng, Miao Shen, Li Zhang	Computational Materials Science	3	1.494
12	Development of novel tungsten-doped high mobility transparent conductive In <sub>2</sub> O <sub>3</sub> thin films	Xifeng Li, Qun Zhang*, Weina Miao, Li Huang, Zhuangjian Zhang, Zhongyi Hua	J. Vac. Sci. Technol. A 2006, 24(5): 1866-1869	2	1.399
13	Synthesis and electrical properties of ZnO nanowires	Xiaoyan Xing <sup>1</sup> , Kaibo Zhengl, Huahua Xu <sup>2</sup> , Fang Fang <sup>1</sup> , Haoting Shen <sup>1</sup> , Jing Zhang <sup>1</sup> , Jian Zhul, Chunnuan Ye <sup>1</sup> , Guanying Cao <sup>1</sup> , Dalin Sun <sup>1*</sup> , Guorong Chen <sup>1*</sup>	Micro 37 (2006): 370-373	2	1.289

14	Photoluminescence from electron-beam deposited CeO <sub>2</sub> thin film after high temperature thermal annealing	Fang YC*, Zhang ZJ, Shen J, Lu M	CHINESE PHYSICS LETTERS 23 (7): 1919-1922 JUL 2006	4	1.276
15	Electric Field Dependence of Topography in Ferroelectric P (VDF/TrFE) Films	Guodong Zhu**, Jing Xu, Zhigang Zeng, Li Zhang, Xuejian Yan, Jie Li	APPLIED SURFACE SCIENCE 253 (5): 2498-2501 DEC 30 2006	2	1.263
16	Control of Gradient Structure of Dye Dispersed in Polymer Thin Films by Vacuum Spray Method	Xiaoliang MO, Toshiko MIZOKURO*, Atsuko KOBAYASHI, Guorong CHEN1, Hiroyuki MOCHIZUKI, Nobutaka TANIGAKI and Takashi HIRAGA	Japanese Journal of Applied Physics, Vol. 45, No. 1A, 2006, pp. 231 - 233	3	1.096
17	Effect of Humidity on Transport Mechanism in Ag/7, 7, 8, 8-Tetracyanoquinodimethane Bilayer Films	Cheng Zhong, Yiming Jiang, Feng Guo, Ping Liu, Weiwei Wu, Jiaxing Liao and Jin Li*	JAPANESE JOURNAL OF APPLIED PHYSICS PART 1 45 (4A): 2722-2725 APR 2006	2	1.096
18	Investigation of Discharge Characteristics Affected by Barrier Ribs in the Discharge Cell of Alternating-Current Plasma Display Panel	K. Ding, B. Deng, C. X. Gu*, Z.W.Wu, and Q. Sun	Contribution to Plasma Physics.	4	1.000
19	Study on conductance improvement of the cathode materials of LiCoO <sub>2</sub> .92Mn <sub>0.08</sub> O <sub>2</sub> (M=Ni, Zn) by ab initio calculations .	Deng B, Ding K, Gu CX*, Ling L, Sun Q	MODERN PHYSICS LETTERS B 20 (4): 141-150 FEB 10 2006	4	0.621
20	Structure of 2-(1-phenylimidiazolidin-2-ylidene)-malonitrile and 2-(hexahydropyrimidinyl-2-ylidene)-malonitrile	Yin-Xiang Lu, Hui Zhou, Peng Guo, Lan Jin, Wei Xu*	J. Chem. Crystallogr., 2006, 36(10), 691-695	4	0.583
21	Methyl N'-cyano-N-(3-pyridylmethyl) imidothiocarbamate	Bi-Jian Lan, Peng Guo, Zhen-Guang Zou and Yin-Xiang Lu*	Acta Cryst. (2006). E62, o383 - o385	4	0.581
22	Two New Methods for Characterizing the Kinetics of the Complexation of Metal/Organic films and Oxidation of Metal Films	Cheng Zhong, Yiming Jiang, Yufeng Luo, Jiaxing Liao, Weiwei Wu and Jin Li*,	Acta Phys.-Chim.Sin., 22 (6), 2006, p696	4	0.427
23	Influence of SO <sub>4</sub> <sup>2-</sup> in aqueous solution containing Cl <sup>-</sup> on the critical pitting corrosion temperature of 316 stainless steel	Liao JX, Jiang YM, Wu WW, Zhong C, Li J*, Song HW	ACTA METALLURGICA SINICA 42 (11): 1187-1190 NOV 2006	4	0.366

材料物理

序号	论文题目	作者	发表期刊	所属分区	Impact Factor
1	Tunable Synthesis of Bismuth Ferrites with Various Morphologies	Jiantao Han*, Yunhui Huang, Xiaojing Wu, Changliang Wu, Wei Wei, Bo Peng, Wei Huang, and John B. Goodenough	Adv. Mater., 18 (2006), 2145-2148	1	9.107
2	The electrochemistry of nanostructured In <sub>2</sub> O <sub>3</sub> with lithium	Zhou YN, Zhang H, Xue MZ, Wu CL, Wu XJ, Fu ZW*	JOURNAL OF POWER SOURCES 162 (2): 1373-1378 Sp. Iss. SI, NOV 22 2006	3	2.770
3	Compatibility of quaternary ammonium-based ionic liquid electrolytes with electrodes in lithium ion batteries	Honghe Zheng*, Bao Li, Yanbao Fu, Takeshi Abe, Zempachi Ogumi	ELECTROCHIMICA ACTA 52 (4): 1556-1562 DEC 1 2006	3	2.453
4	A novel approach of preparation and patterning of organic fluorescent nanomaterials	Zhao L, Lei ZX, Li XR, Li SB, Xu J, Peng B, Huang W*	CHEMICAL PHYSICS LETTERS 420 (4-6): 480-483 MAR 21 2006	2	2.438
5	LiF/Co Nanocomposite as a New Li Storage Material	Yongning Zhou*, Wenyuan Liu, Mingzhe Xue, LeYu, Changliang Wu, Xiaojing Wu, Zhengwen Fu	Electrochemical and Solid-State Letters, 9 (2006) 147-150	3	1.970
6	Potassium Salts Electrolyte Additives for Enhancing Electrochemical Performances of Natural Graphite Anodes	Honghe Zheng*, Yanbao Fu, Hucheng Zhang, Takeshi Abe, and Zempachi Ogumi	ELECTROCHEMICAL AND SOLID STATE LETTERS 9 (3): A115-A119 2006	3	1.970
7	Effects of polycarbosilane doping on the superconductivity and microstructure of MgB <sub>2</sub>	H L Xu*, Y Feng, Y Zhao, Y D Xu, X J Wu, MH Pu, G Yan, Y F Lu, C S Li, P Ji, ZH Shen and Z Xu	Supercond. Sci. Technol. 19 (2006) 68 - 71	2	1.896

8	N-aryl carbazole derivatives for non-doped red OLEDs	Hui-ying Fu, Fei Xiao*, Bing-xian Shao	SYNTHETIC METALS 156 (11-13): 809-814 JUN 1 2006	2	1.320
9	Red fluorescent materials based on naphthylamine for non-doping OLEDs	Fu HY, Zhan YQ, Xu JX, Hou XY, Xiao F*	OPTICAL MATERIALS 29 (2-3): 348-354 NOV 2006	2	1.162
10	Large second-order nonlinearity from a dip-coated pure dye (4-(2-(3,3-dicyanomethylene-5,5-dimethyl-1-cyclohexylidene)vinyl)phenyl(1-naphthyl)phenylamine) thin film	Yang P*, Ji LY, Liu LY, Xu L, Fu HY, Xiao F	JOURNAL OF THE KOREAN PHYSICAL SOCIETY 49 (5): 2164-2167 Part 1 Sp. Iss. SI, NOV 2006	4	0.828
11	The effect of fumed silica in the polymer gel electrolyte on the cycle efficiency of lithium deposition/stripping process	Yanbao Fu, Xiaohua Ma*, Yongxin Liu, Ruobiao Ma, Qinghe Yang	J Mater Sci: Mater Electron, Published online: 13 December 2006	3	0.781
12	The energy release rate for hygrothermal coupling elastic materials	Yang F, Wang J* and Chen D P	Acta Mechanica Sinica	4	0.593
13	The electrochemical properties of LiF-Ni nanocomposite thin film	Zhou YN, Wu CL, Zhang H, Wu XJ, Fu ZW*	ACTA PHYSICO-CHIMICA SINICA 22 (9): 1111-1115 SEP 2006	4	0.427
14	Effects of aging on structures and shear strength of interface of Sn-Ag-Cu solder/Ni-P plating layer	Tang XY, Wang J, Gu B, Yu HK*, Xiao F	ACTA METALLURGICA SINICA 42 (2): 205-210 FEB 11 2006	4	0.366

### 获奖统计

序号	获奖项目	获奖名称	获奖等级	项目完成人	获奖时间
1	全光纤管线监控系统	上海市优秀发明选拔赛二等奖	省部级	贾波、章骅、唐璜	2006
2	通电加热氧化方法制备钛基TiO2薄膜及应用	上海市优秀发明选拔赛三等奖	省部级	崔晓莉, 沃松涛, 贾晓婷, 杨锡良, 章壮健	2006
3	多壁碳纳米管/纳米TiO2复合薄膜的光电特性研究	2006年全国太阳能光化学与光催化学术会议 特等奖		陈鹏, 崔晓莉	2006

### 授权专利统计

序号	发明名称	专利号	发明人	专利类型	申请时间	授权时间
1	一种反馈环路形成的全光纤干涉方法及其测试系统	03150468.X	贾波, 章骅	发明	2003.08.21	2006.01.10
2	一种红色有机电致发光材料及其制备方法	200410016037.X	肖斐, 王蔚南, 吴桐	发明	2004.01.29	2006.01.11
3	水性高耐候性纳米外墙涂料及其制备方法	02111702.0	武利民, 游波, 顾广新, 周树学, 熊明娜	发明	2002.05.16	2006.01.11
4	用表面吸附自发聚合技术制备超薄聚合物膜的方法	02111484.6	徐伟, 华中一	发明	2002.04.25	2006.01.27
5	纳米贮氢材料贮氢量的测量方法	200310109224.8	曹冠英, 何培松, 孙大林, 陈国荣	发明	2003.12.10	2006.02.22
6	全光纤应变、振动定位测试方法	200410016038.4	贾波、章骅、唐璜、洪广伟、吴东方	发明	2004.01.29	2006.02.22
7	有机-无机杂化树脂及其涂层材料的制备方法	200410053255.0	游波, 武利民, 廖慧敏, 陈辉, 周树学	发明	2004.07.29	2006.02.22
8	湿热氧化制备二氧化钛光催化薄膜的方法	200410017608.1	崔晓莉, 沃松涛, 蔡臻炜, 杨锡良, 章壮健	发明	2004.04.13	2006.05.25
9	草莓型有机-无机纳米复合微球的制备方法	200410068053.3	武利民、陈敏、游波、周树学	发明	2004.11.11	2006.05.31
10	一种高稳定、高透明性的金红石型纳米二氧化钛浆及其分散制备方法	200410053451.8	武利民, 刘娅莉, 于占锋, 游波, 周树学	发明	2004.08.05	2006.05.31
11	含有四个叔胺分支的功能分子材料及其制备方法	200310108272.5	徐伟, 吕银祥, 周辉, 蓝碧健	发明	2003.10.30	2006.06.01
12	一种可用于平面显示的场致发射纳米材料	03116285.1	陈国荣, 莫晓亮	发明	2003.04.10	2006.06.15
13	一种草莓型有机-无机纳米复合微球的制备方法	200410053254.6	武利民, 陈敏, 游波, 周树学	发明	2004.7.29	2006.06.28
14	一种高固低粘的纳米复合聚酯树脂及其制备方法	200410089134.1	武利民, 陈永春, 游波, 周树学, 顾广新	发明	2004.12.6	2006.08.09
15	氮杂芳环取代的四分枝功能分子材料及其制备方法	200310108270.6	徐伟, 吕银祥, 郭鹏, 蔡永攀	发明	2003.10.30	2006.08.24
16	氰取代的含杂环烯酮缩胺分子材料及其制备	02111272.X	徐伟, 吕银祥, 华中一	发明	2002.04.04	2006.08.24
17	一种复合型空穴传输材料	02111700.4	徐伟, 华中一	发明	2002.04.04	2006.09.22
18	多取代喹啉衍生物功能材料及其制备方法和应用	200310108055.6	吕银祥;周辉;徐伟	发明	2003.10.20	2006.12.7

19	构建光纤线反馈延迟的方法及其构造的全光纤白光干涉系统	200410093482.6	洪广伟;贾波	发明	2005.04.05	2006.12.28
20	一种铟铝金属镶嵌靶	200520041650.7	张群, 章壮健, 李喜峰, 缪维娜, 黄丽	实用新型	2005.05.19	2006.06.21

[回到主页](#)

复旦大学材料科学系 地址:上海市杨浦区邯郸路220号  
邮编: 200433 电话: 65642381