

2012-2016 年发表期刊论文

序号	论文（论著）名称	论文作者	期刊名称	年卷期页
1	Powering lithium–sulfur battery performance by propelling polysulfide redox at sulfiphilic hosts	Zhe Yuan,Hongjie Peng, Tingzheng Hou, Jiaqi Huang, Chengmeng Chen, Dawei Wang, Xinbing Cheng, Fei Wei, Qiang Zhang	Nano Letters	2016(16)1, 519-527
2	Permselective Graphene Oxide Membrane for Highly Stable and Anti-Self-Discharge Lithium–Sulfur Batteries	Jia-Qi Huang(第一作者), Ting-Zhou Zhuang, Qiang Zhang, Hong-Jie Peng, Cheng-Meng Chen, and Fei Wei	ACS Nano	2015(9), 3002-3011
3	Disproportionation in Li-O ₂ Batteries Based on a Large Surface Area Carbon Cathode	Dengyun Zhai, Hsien-Hau Wang, Junbing Yang, Kah Chun Lau, Kaixi Li, Khalil Amine, Larry A. Curtiss	J. Am. Chem. Soc.	135 (2013), 15364-15372
4	Entrapment of sulfur in hierarchical porous graphene for lithium–sulfur batteries with high rate performance from -40 to 60 °C	Huang Jiaqi, Liu Xiaofei, Zhang Qiang, Chen Chengmeng, Zhao Mengqiang, Zhang Shumao, Zhu Wancheng, Qian Weizhong, Wei Fei	Nano Energy	2 (2013), 314-321
5	Interconnected carbon nanotube/graphene nanosphere scaffolds as free-standing paper electrode for high-rate and ultra-stable lithium-sulfur batteries	Zhu Lin , Peng Hong-Jie , Liang Jiyuan, Huang Jia-Qi , Chen Cheng-Meng , Guo Xuefeng, Zhu Wancheng, Li Peng , Zhang Qiang	Nano Energy	2015(11), 746-755

6	Hierarchical graphene–carbon fiber composite paper as a flexible lateral heat spreader	Qingqiang Kong, Zhuo Liu, Jianguo Gao, Chengmeng Chen, Qiang Zhang, Guangmin Zhou, Zechao Tao, Xinghua Zhang, Maozhang Wang, Feng Li, Rong Cai	Advanced Functional Materials	2014(24), 4222-4228
7	Filling the Gaps between Graphene Oxide: A General Strategy toward Nanolayered Oxides	Yoshitaka Saito(第一作者), Xi Luo, Chunsong Zhao, Wei Pan, Chengmeng Chen, Jiangong Gong, Hidetoshi Matsumoto, Jie Yao and Hui Wu,	Advanced Functional Materials	2015(25), 5683-5690
8	Graphene Oxide: A Convenient Metal-Free Carbocatalyst for Facilitating Aerobic Oxidation of 5-Hydroxymethylfurfural into 2, 5-Diformylfuran	Guangqiang Lv (第一作者) , Hongliang Wang, Yongxing Yang, Tiansheng Deng, Chengmeng Chen, Yulei Zhu, and Xianglin Hou	ACS Catal.	2015(5), 5636–5646
10	Scalable and cost-effective synthesis of highly efficient Fe ₂ N-based oxygen reduction catalyst derived from seaweed biomass	Long Liu,Xianfeng Yang, Na Ma, Haitao Liu, Yanzhi Xia, Chengmeng Chen, Dongjiang Yang, Xiangdong Yao	Small	2016(12)10 ,1295-1301
11	Rational integration of polypropylene/graphene Oxide/Nafion as Ternary-Layered Separator to Retard the Shuttle of Polysulfides for Lithium–sulfur batteries	Tingzhou Zhuang,Jiaqi Huang, Hongjie Peng, Lianyuan He, Xinbing Cheng, Chengmeng Chen, Qiang Zhang	Small	2016(12)3, 381-389

12	Hierarchical porous carbon microtubes derived from willow catkins for supercapacitor applications	谢莉婧,孙国华, 苏方远, 郭晓倩, 孔庆强, 李晓明, 黄显虹, 万柳, 宋文, 李开喜, 吕春祥, 陈成猛	Journal of Materials Chemistry A	2016(4),16 37-1646
13	One pot synthesis of ultrathin boron nitride nanosheet-supported nanoscale zerovalent iron for rapid debromination of polybrominated diphenyl ethers	Liancheng Wang, Shou-Qing Ni, Chunli Guo, Yitai Qian	Journal of Materials Chemistry A	1 (2013), 6379-6387
18	Crumpled reduced graphene oxide by flame-induced reduction of graphite oxide for supercapacitive energy storage	Yanzhen Liu, Chengmeng Chen, Yongfeng Li, Xiaoming Li, Qingqiang Kong, Maozhang Wang	Journal of Materials Chemistry A	2014(2), 5730-5737
19	Thermally reduced graphene oxide films as flexible lateral heat spreaders	Ningjing Song, Chengmeng Chen, Chunxiang Lu, Zhuo Liu, Qingqiang Kong, Rong Cai	Journal of Materials Chemistry A	2014(2), 16563-16568
20	Hierarchical porous carbon microtubes derived from willow catkins for supercapacitor	Lijing Xie, Guohua Sun, Fangyuan Su, Xiaoqian Guo, Qingqiang Kong, Xiaoming Li, Xianhong Huang, Liu Wan, Wen song, Kaixi Li, Chunxiang Lv and Cheng-Meng Chen(通讯作者)	Journal of Materials Chemistry A	2015, 4(5):1637-1646
21	Reduction of graphene oxide in Li-ion batteries	Zhao Chunsong, Gao Hongpeng, Chen Chengmeng , Wu Hui	Journal of Materials Chemistry A	2015 (3) , 18360–18364

22	Nitrogen- and oxygen-enriched 3D hierarchical porous carbon fibers: synthesis and superior supercapacity	Ying Li, Chunxiang Lu, Shouchun Zhang,* Fang-Yuan Su, Wenzhong Shen, Pucha Zhou and Canliang Ma	Journal of Materials Chemistry A	2015 (3) , 14817-25
24	Sandwich electrode designed for high performance lithium-ion battery	Chunsong Zhao,Luo Xi, Chengmeng Chen, Hui Wu	Nanoscale	2016(8),95 11-9516
25	All-biomaterial supercapacitor derived from bacterial cellulose	Xiangjun Wang, Debin Kong, Yunbo Zhang, Bin Wang, Xianglong Li, Tengfei Qiu, Qi Song, Jing Ning, Yan Song, Linjie Zhi	Nanoscale	2016, 8, 9146-9150
29	Moisture-Resistant Coating for KDP Crystal Based on Alkylene-Bridged Polymethylsiloxane	Ce Zhang, Qinghua Zhang, Cong Zhang, Jinghua Sun, Ruimin Ding, and Yao Xu	ACS Applied Materials & Interfaces	2015 (7) , 22157-221 65
30	Creation of Ge–N _x –C _y configures in carbon nanotubes: origin of Enhanced electrocatalytic performance for oxygen reduction reaction	Xilin She,Qianqian Li, Na Ma, Jin Sun, Dengwei Jing, Chengmeng Chen, Lijun Yang, Dongjiang Yang	ACS Applied Materials & Interfaces	2016(8)16, 10383-103 91
31	Seaweed-derived route to Fe ₂ O ₃ hollow nanoparticles/N-doped graphene aerogels with high lithium ion storage performance	LongLiu,Xianfeng Yang, Chunxiao Lv, Aimei Zhu,Shaojun Guo, Chengmeng Chen, Dongjiang Yang	ACS Applied Materials & Interfaces	2016(8)11, 7047-7053

32	Self-Assembled 3D Graphene-Based Aerogel with Co ₃ O ₄ Nanoparticles as High-Performance Asymmetric Supercapacitor Electrode	Lijing Xie, Fangyuan Su, Xiaoming Li, Zhuo Liu, Qingqiang Kong, Xiaohui Guo, Yaoyao Zhang, Liu Wan, Kaixi Li, Chunxiang Lv, And Chengmeng Chen(通讯作者)	ChemSusChem	2015, 8(17), 2917-2926
33	Three-Dimensional Hierarchically Ordered Porous Carbons with Partially Graphitic Nanostructures for Electrochemical Capacitive Energy Storage	黄俊贤, 张强, Tsu-Chin Chou, 陈成猛, 苏党生, Ruey-An Doong	ChemSusChem	2012, 5, 3, 563-571
35	Oxygen reduction reaction on graphene in an electro-fenton system: in situ generation of H ₂ O ₂ for the oxidation of organic compounds	Chenyu Chen, Cheng Tang, Haofan Wang, Chengmeng Chen, Xiaoyuan Zhang, Xia Huang, Qiang Zhang	ChemSusChem	2016(9)10, 1194-1199
36	Tuning the surface structure of supported PtNi _x bimetallic electrocatalysts for the methanol electro-oxidation reaction	Bingsen Zhang, Yiming Niu, Junjuan Xu, Xiaoli Pan, Chengmeng Chen, Wen Shi, Marc-Georg Willinger, Robert Schlogl, Dangsheng Su	Chemical Communications	2016(52)50, 3927-3930
37	Hybridization of graphene oxide and carbon nanotubes at the liquid/air interface	Shao Jiaojing, Lv Wei, Guo Quanguai, Zhang Chen, Xu Qiang, Yang Quanhong, Kang Feiyu	Chemical Communications	2012, 48-1, 3706-3708
39	Macroporous 'bubble' graphene film via template-directed ordered-assembly for high rate supercapacitors	陈成猛, 张强, 黄俊贤, 赵晓晨, 张炳森, 孔庆强, 杨芒果, 王茂章, 杨永岗, 蔡榕, 苏党生	Chemical Communications	2012, 48-57, 7149-7151

40	Graphene-supported Au–Pd bimetallic nanoparticles with excellent catalytic performance in selective oxidation of methanol to methyl formate	Ruiyi Wang, Zhiwei Wu, Chengmeng Chen, Zhangfeng Qin, Huaqing Zhu, Guofu Wang, Hao Wang, Chengming Wu, Weiwen Dong, Weibin Fan, Jianguo Wang	Chemical Communications	49 (2013), 8250-8252
41	Graphene oxide for cellulose hydrolysis: how it works as a highly active catalyst?	Xiaochen Zhao, Jia Wang, Chengmeng Chen, Yanqiang Huang, Aiqin Wang, Tao Zhang	Chemical Communications	2014(50), 3439-3442
42	Effect of reduced graphene oxide on the properties of an activated carbon cloth/polyaniline flexible electrode for supercapacitor application	钟明, 宋燕, Li Yongfeng, 马昌, 翟晓玲, 史景利, 郭全贵, 刘朗	Journal of Power Sources	2012, 217-1, 6-12
43	A facile route for PbO@C nanocomposites: An electrode candidate for lead-acid batteries with enhanced capacitance	Huiqi Wang, Jianguo Yu, Yongnan Zhao, Quanguo Guo	Journal of Power Sources	224 (2013), 125-131
44	A novel asymmetric supercapacitor with an activated carbon cathode and a reduced graphene oxide-cobalt oxide nanocomposite anode	Li-Jing Xie, Jun-Feng Wu, Cheng-Meng Chen, Chang-Ming Zhang, Liu Wan, Jian-Long Wang, Qing-Qiang Kong, Chun-Xiang Lv, Kai-Xi Li, Guo-Hua Sun	Journal of Power Sources	242 (2013), 148-156
45	Preparation of Ni nanoparticle-doped carbon fibers	Li Jin, Guo Quanguo, Shi Jingli, Gao Xiaoqing, Feng Zhihai, Fan Zhen, Liu Lang	Carbon	2012, 50-5, 2045-2060

46	An approach for synthesizing graphene with calcium carbonate and magnesium	Zhao Jianguo, Guo Yong, Li Zuopeng, Guo Quangui, Shi Jianhua, Wang Lihua, Fan Jianfeng	Carbon	2012, 50-13, 4939-4944
47	High-resolution TEM observations of isolated rhombohedral crystallites in graphite blocks	Lin Qingyun, Li Tongqi, Liu Zhanjun, Song Yan, He Lianlong, Hu Zijun, Guo Quangui, Ye Hengqiang	Carbon	2012, 50-6, 2369-2371
50	Annealing a graphene oxide film to produce a free standing high conductive graphene film	陈成猛, 黄佳琦, 张强, 龚文照, 杨全红, 王茂章, 杨永岗	Carbon	2012, 50-2, 659-667
51	Structural evolution during annealing of thermally reduced graphene nanosheets for application in supercapacitors	陈成猛, 张强, 杨芒果, 黄俊贤, 杨永岗, 王茂章	Carbon	2012, 50-10, 3572-3584
52	A ceramic-carbon hybrid as a high-temperature structural monolith and reinforcing filler and binder for carbon/carbon composites	Andi Wang, Xiaoqing Gao , Rossman F. Giese Jr. , D.D.L. Chung	Carbon	2013, 59, 76-92
53	Electrophoretic deposition and thermal annealing of a graphene oxide thin film on carbon fiber surfaces	Sheng-Yun Huang , Gang-Ping Wu , Cheng-Meng Chen , Yu Yang ,Shou-Chun Zhang , Chun-Xiang Lu	Carbon	52 (2013), 613-616
54	A sandwich structure graphite block with excellent thermal and mechanical properties reinforced by in-situ grown carbon nanotubes	Yun Zhao, Jingli Shi, Huiqi Wang, Zecao Tao, Zhanjun Liu, Quangui Guo, Lang Liu	Carbon	51 (2013), 427-434

55	Microstructure and thermal/mechanical properties of short carbon fiber-reinforced natural graphite flake composites with mesophase pitch as the binder	Yun Zhao, Zhanjun Liu, Huiqi Wang, Jingli Shi, Jincui Zhang, Zechao Tao, Quangui Guo, Lang Liu	Carbon	53 (2013), 313–320
56	Synthesis and electrochemical properties of artificial graphite as an anode for high-performance lithium-ion batteries	Canliang Ma, Yun Zhao, Jin Li, Yan Song, Jingli Shi, Quangui Guo, Lang Liu	Carbon	64 (2013), 537–556
57	Preparation and one-step activation of microporous carbon nanofibers for use as supercapacitor electrodes	Chang Ma, Yan Song, Jingli Shi, Dongqing Zhang, Xiaoling Zhai, Ming Zhong, Quangui Guo, Lang Liu	Carbon	51 (2013), 290–300
58	Microstructural evolution and oxidation resistance of polyacrylonitrile-based carbon fibers doped with boron by the decomposition of B ₄ C	Huiqi Wang, Quangui Guo, Jinhua Yang, Zhanjun Liu, Yun Zhao, Jin Li, Zhihai Feng, Lang Liu	Carbon	56 (2013), 296–308
59	Microstructure and thermophysical properties of B ₄ C/graphite composites containing substitutional boron	Huiqi Wang, Quangui Guo, Jinhua Yang, Yun Zhao, Xianglei Wang, Zechao Tao, Zhanjun Liu, Zhihai Feng, Lang Liu	Carbon	52 (2013), 10–16
60	Exfoliated graphite as a flexible and conductive support for Si-based Li-ion battery anodes	Canliang Ma, Chang Ma, Junzhong Wang, Huiqi Wang, Jingli Shi, Yan Song, Quangui Guo, Lang Liu	Carbon	2014(2), 38–46

61	Preparation of binderless nanopore-isotropic graphite for inhibiting the liquid fluoride salt and Xe135 penetration for molten salt nuclear reactor	Jinliang Song, Yanling Zhao, Junpeng Zhang, Xiujie He, Baoliang Zhang, Pengfei Lian, Zhanjun Liu, Dongsheng Zhang, Zhoutong He, Lina Gao, Huihao Xia, Xingtai Zhou, Ping Huai, Quangui Guo, Lang Liu	Carbon	2014(79), 36-45
62	Electrode thickness control: Precondition for quite different functions of graphene conductive additives in LiFePO ₄ electrode	Lei Ke(第一作者), Wei Lv, Fang-Yuan Su, Yan-Bing He, Cong-Hui You, Baohua Li, Zhengjie Li, Quan-Hong Yang, Feiyu Kang	Carbon	2015 (92) , 311 –317
63	Structure of silicon-modified mesophase pitch-based graphite fibers	Liyong Wang, Zhanjun Liu, QuanguiGuo, Jinhua Yang, Xiaozhong Dong, Denghua Li, Junqing Liu, Jingli Shi, Chunxiang Lu, Lang Liu	Carbon	2015 (94) , 335–341
64	Carbon foam: Preparation and application	Michio Inagaki, JieshanQiu, QuanguiGuo	Carbon	2015 (87) , 128 –152
65	Atomic scale investigations of catalyst and catalytic graphitization in a silicon and titanium doped graphite	QingYun Lin, Zhihai Feng, ZhanJun Liu, QuanGuiGuo, ZiJun Hu, LianLong He, HengQiang Ye	Carbon	2015 (88) , 252 –261
66	The nanostructure preservation of 3D porous graphene: New insights into the graphitization and surface chemistry of non-stacked double-layer templated graphene after high-temperature treatment	Jiale Shi,Hanfan Wang, Xiaolin Zhu, Chengmeng Chen, Xing Huang, Xiaodong Zhang, Boquan Li, Cheng Tang, Qiang Zhang	Carbon	2016(103), 36-44

67	Synthesis and <i>in-situ</i> functionalization of graphene films through graphite charging in aqueous Fe ₂ (SO ₄) ₃	Rui Yan, Kai Wang, Congwei Wang, Huinian Zhang, Yan Song, Quanguo Guo, Junzhong Wang	Carbon	2016, 107, 379–387
68	Preparation of ultrafine-grain graphite by liquid dispersion technique for inhibiting the liquid fluoride salt infiltration	Pengfei Lian, Jinliang Song, Zhanjun Liu, Junpeng Zhang, Yanling Zhao, Yantao Gao, Zechao Tao, Zhoutong He, Lina Gao, Huihao Xia, Quanguo Guo, Ping Huai, Xingtai Zhou	Carbon	2016, 102, 208–215
69	How a very trace amount of graphene additive works for constructing an efficient conductive network in LiCoO ₂ -based lithium-ion batteries	Rui Tang, Qinbai Yun, Wei Lv, Yanbing He, Conghui You, Fangyuan Su, Lei Ke, Baohua Li, Feiyu Kang, Quanhong Yang	Carbon	2016(103), 356-362
70	Chemically derived graphene-metal oxide hybrids as electrodes for electrochemical energy storage: pre-graphenization or post-graphenization?	陈成猛, 张强, 黄佳琪, 张伟, 赵晓晨, 黄春贤, 魏飞, 杨勇岗, 王茂章, 苏党生	Journal of Materials Chemistry	2012, 22-28, 13947-13955
71	Hierarchically aminated graphene honeycombs for electrochemical capacitive energy storage	陈成猛, 张强, 赵晓晨, 张炳森, 孔庆强, 杨芒果, 杨全红, 王茂章, 杨永岗, Robert Schlogl, 苏党生	Journal of Materials Chemistry	2012, 22-28, 14076-14084
73	High-performance supercapacitor electrodes based on porous flexible carbon nanofiber paper treated by surface chemical etching	Chang Ma, Yajuan Li, Jingli Shi, Yan Song, Lang Liu	Chemical Engineering Journal	2014(249), 216-225

75	Aerobic selective oxidation of 5-hydroxymethyl-furfural over nitrogen-doped graphene materials with 2,2,6,6-tetramethylpiperidin-oxyl as cocatalyst	Guangqiang Lv(第一作者), Hongliang Wang, Yongxing Yang, Xiao Li, Tiansheng Deng, Chengmeng Chen, Yulei Zhu and Xianglin Hou	Catalysis Science & Technology	2015, 6(7), 2377-2386
77	Tri-Wavelength Broadband Antireflective Coating built from refractive index-controlled MgF ₂ films	Ruimin Ding, Xinmin Cui, Cong Zhang, CeZhang, and Yao Xu	Journal of Materials Chemistry C	2015 (3) , 3219-3224
78	A Broadband Antireflective Coating Based on A Double-Layer System Containing Mesoporous Silica and Nanoporous Silica	Jinghua Sun, Xinmin Cui, Ce Zhang, Cong Zhang, Ruimin Ding, and Yao Xu	Journal of Materials Chemistry C	2015 (3) , 7187–7194
80	CoxNi _{1-x} double hydroxide nanoparticles with ultrahigh specific capacitances as supercapacitor electrode materials	Xie Lijing, Hu Zhongai, Lv Chunxiang, Sun Guohua, Wang Jianlong, Li Yanqiu, He Hongwei, Wang Jian, Li Kaixi	Electrochimica Acta	2012, 78, 205-211
81	Polystyrene-based carbon spheres as electrode for electrochemical capacitors	Sun Guohua, Wang Jian, Li Kaixi, Li Yanqiu, Xie Lijing	Electrochimica Acta	2012, 59, 424-428
82	The electrochemical performance of pitch coke anodes containing hollow carbon nanostructures and nickel nanoparticles for high-power lithium ion batteries	Canliang Ma, Yun Zhao, Jin Li, Yan Song, Jingli Shi, Quanguo Guo, Lang Liu	Electrochimica Acta	112 (2013), 394–402

83	DNA-dispersed graphene/NiO hybrid materials for highly sensitive non-enzymatic glucose sensor	Wei Lv, Feng-Min Jin, Quanguai Guo, Quan-Hong Yang, Feiyu Kang	Electrochimica Acta	73 (2012) 129–135
84	Promising biomass-based activated carbons derived from willow catkins for high performance supercapacitors	Kai Wang, Ning Zhao, Shiwen Lei, Rui Yan, Xiaodong Tian, Junzhong Wang, Yan Song, Defang Xu, QuanguaiGuo, Lang Liu	Electrochimica Acta	2015 (166), 1–11
85	Electrochemical properties of carbon nanocoils and hollow graphite fibers as anodes for rechargeable lithium ion batteries	Liyong Wang, Zhanjun Liu, Quanguai Guo, Guizhen Wang, Jinhua Yang, Peng Li, Xianglei Wang, Lang Liu	Electrochimica Acta	2016, 199, 204–209
86	Synthesis of nitrogen-doped electrospun carbon nanofibers with superior performance as efficient supercapacitor electrodes in alkaline solution	Xiaodong Tian, Ning Zhao, Yan Song, Kai Wang, Defang Xu, Xiao Li, QuanguaiGuo, Lang Liu	Electrochimica Acta	2015 (185), 40–51
87	Heat transfer improvement of Wood's alloy using compressed expanded natural graphite for thermal energy storage	Zhong Yajuan, Guo Quanguai, Li Lei, Wang Xianglei, Song Jinliang, Xiao Kesong, Huang Fuqiang	Solar Energy Materials and Solar Cells	2012, 100-1, 263-267
89	Graphene oxide: an efficient acid catalyst for alcoholysis and esterification reactions	Shanhui Zhu, Chengmeng Chen, Yanfeng Xue, Jianbing Wu, Jianguo Wang, Weibin Fan	ChemCatChem	2014(6), 3080–3083

90	Small Particles of Chemically-Reduced Graphene with Improved Electrochemical Capacity	Kong Qingqiang, Chen Chengmeng, Zhang Qiang, Zhang Xinghua, Wang Maozhang, Cai Rong	Journal of Physical Chemistry C	117 (2013), 15496-15504
92	CoFe ₂ O ₄ and/or Co ₃ Fe ₇ loaded porous activated carbon balls as a lightweight microwave absorbent	Guomin Li, Liancheng Wang, Wanxi Li, Yao Xu	Physical Chemistry Chemical Physics	2014(16), 12385-12392
93	Contamination-resistant silica antireflective coating with closed ordered mesopores	Jinghua Sun, Qinghua Zhang, Ruimin Ding, Haibing Lv, Hongwei Yan, Xiaodong Yuan, Yao Xu	Physical Chemistry Chemical Physics	2014(16), 16684-16693
95	An electrochemical DNA sensor based on polyaniline/graphene: high sensitivity to DNA sequences in a wide range	Zheng, Qing; Wu, Hao; Shen, Zongxu; Gao, Wenyu; Yu, Yu; Ma, Yuehui; Guang, Weijun; Guo, Quangui; Yan, Rui; Wang, Junzhong; Ding, Kejian	Analyst	2015 (140), 6660–6670
97	Free standing graphene/SiC films by in-situ carbothermal reaction as thermal shielding materials	Ning-Jing Song, Chunxiang Lu, Cheng-Meng Chen, Canliang Ma, Qing-Qiang Kong, Zhuo Liu, Xian-Xian Wei, Yong-Hong Li	Materials and Design	2016, 109, 227-232
98	Graphite fiber/copper composites with near-zero thermal expansion	Zechao Tao, Quangui Guo, Xiaoqing Gao, Lang Liu	Materials and Design	33 (2012) 372–375
99	Joining of 316L stainless steel by using spark plasma sintering method	Jinhua Yang, Johannes Trapp, Quangui Guo, Bernd Kieback	Materials and Design	52 (2013), 179–189

100	Precisely tailoring dendritic α -Fe ₂ O ₃ structures along [10-10] directions	刘忠, 吕宝亮, 吴东, Yan Zhu, 孙子罕	CrystEngComm	2012, 14-11, 4074-4080
101	The reaction behavior of carbon fibers and TaC at high temperatures	Jinhua Yang, Zhanjun Liu, Huiqi Wang, Kesong Xiao, Quanguai Guo, Jinren Song, Lang Liu	CrystEngComm	15 (2013), 6928-6931
102	Preparation and electrochemical performance of heteroatom-enriched electrospun carbon nanofibers from melamine formaldehyde resin	Chang Ma, Yan Song, Jingli Shi, Dongqing Zhang, Quanguai Guo, Lang Liu	Journal of Colloid and Interface Science	395 (2013), 217-223
103	Preparation of ordered mesoporous carbons with an intergrown p6mm and cubic Fd3m pore structure using a copolymer as a template	Peng Li, Yan Song, Zhihong Tang, Guangzhi Yang, Quanguai Guo, Lang Liu, Junhe Yang	Journal of Colloid and Interface Science	401 (2013), 161-163
104	Direct fabrication of ordered mesoporous carbons with super-micropore/small mesopore using mixed triblock copolymers	Peng Li, Yan Song, Zhihong Tang, Guangzhi Yang, Junhe Yang	Journal of Colloid and Interface Science	2014(413), 154-158
105	Synthesis, characterization and evaluation of activated spherical carbon materials for CO ₂ capture	Nannan Sun, Chenggong Sun, Hao Liu, Jingjing Liu, Lee Stevens, Trevor Drage, Colin E. Snape, Kaixi Li, Wei Wei, Yuhan Sun	Fuel	113 (2013), 854-862
109	Heat transfer enhancement of neopentyl glycol using compressed expanded natural graphite for thermal energy storage	Xianglei Wang, Quanguai Guo, Yajuan Zhong, Xinghai Wei, Lang Liu	Renewable Energy	51 (2013), 241-246

110	Thermal conductivity enhancement of form-stable phase-change composites by milling of expanded graphite, micro-capsules and polyethylene	Xianglei Wang, Quangui Guo, Junzhong Wang, Yajuan Zhong, Liyong Wang, Xinghai Wei, Lang Liu	Renewable Energy	60 (2013), 506-509
113	Preparation of mesoporous carbon spheres with a bimodal pore size distribution and its application for electrochemical double layer capacitors based on ionic liquid as the electrolyte	Sun Guohua, Li Kaixi, Xie Lijing, Wang Jianlong, Li Yanqiu	Microporous and Mesoporous Materials	2012, 151, 282-286
114	Preparation of highly-ordered mesoporous carbons by organic-organic self-assembly using the reverse amphiphilic triblock copolymer PPO-PEO-PPO with a long hydrophilic chain	Li Peng, Song Yan, Lin Qingyun, Shi Jingli, Liu Lang, He Lianlong, Ye Hengqing, Guo Quangui	Microporous and Mesoporous Materials	2012, 159-1, 81-86
115	Mesoporous Fe@C and Core-Shell Fe-Fe ₃ C@C Composites as Efficient Microwave Absorbents	Guomin Li, Liancheng Wang, Wanxi Li, and Yao Xu	Microporous and Mesoporous Materials	2015 (211), 97-104
116	Regulating pore structure of carbon aerogels by graphene oxide as 'shape-directing' agent	李锋, 谢莉婧, 孙国华, 孔庆强, 苏方远, 雷洪, 郭向云, 张炳森, 陈成猛	Microporous and Mesoporous Materials	2017(240), 145-148

118	Graphene oxide aerogels constructed using large or small graphene oxide with different electrical, mechanical and adsorbent properties	高逸丹,孔庆强, 刘卓, 李晓明, 陈成猛, 蔡榕	RSC Advances	2016(6)12, 9851-9856
119	Graphene enhanced low-density polyethylene by pretreatment and melt compounding	雷洪,刘卓, 何冲, 张寿春, 刘叶群, 华成杰, 李晓明, 李锋, 陈成猛, 蔡榕	RSC Advances	2016(6)103 ,101492-10 1500
121	Facile synthesis of uniform h-BN nanocrystals and their application as a catalyst support towards the selective oxidation of benzyl alcohol	王连成, 沈鏊鏊, 许效红, 徐立强, 钱逸泰	RSC Advances	2012, 2-28, 10689-106 93
122	Decorated resol derived mesoporous carbon: highly ordered microstructure, rich boron incorporation, and excellent electrochemical capacitance	Zhao Xiaochen, Zhang Qiang, Zhang Bingsen, Chen Chengmeng, Xu Jinming, Wang Aiqin, Su Dangsheng, Zhang Tao	RSC Advances	3 (2013), 3578-3584
123	From ultrathin nanosheets, triangular plates to nanocrystals with exposed (102) facets, a morphology and phase transformation of sp ² hybrid BN nanomaterials	Liancheng Wang, Ruiqiang Hang, Yao Xu, Chunli Guo, Yitai Qian	RSC Advances	2014(4), 14233-142 40
124	Graphene quantum dots cut from graphene flakes:high electrocatalytic activity for oxygen reduction and low cytotoxicity	Rui Yan, Hao Wu, Qing Zheng, Junying Wang, Jianlin Huang, Kejian Ding, Quanguai Guo, Junzhong Wang	RSC Advances	2014(4), 23097-131 06

126	Improved cycling performance of a silicon anode for lithium ion batteries using carbon nanocoils	Liyong Wang, Quanguo Guo, Junzhong Wang, Hai Li, Guizhen Wang, Jinhua Yang, Yan Song, Yong Qin, Lang Liu	RSC Advances	2014(4), 40812-40815
128	Effect of post-treatment on the ordered mesoporous silica antireflective coating	Jinghua Sun, Ce Zhang, Cong Zhang, Ruimin Ding, Yao Xu	RSC Advances	2014(4), 50873-50881
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