

2012 年化学学院发表论文

化学学院							
序号	论文名称		期刊名称	年一卷一期	论文级别	学科	分级
1	Aerosol Flow Synthesis of N, Si-Codoped TiO ₂ Hollow Microspheres with Enhanced Visible-Light Driven Photocatalytic Performance.	艾智慧, 高志婷, 苏柯, 何咏基, 张礼知	Cat. Comm.	2012-29-5-189	SCI	化学	B 级
2	A stable single-crystal Bi ₃ NbO ₇ nanoplates superstructure for effective visible-light-driven photocatalytic removal of nitric oxide	艾智慧, 何咏基, 李顺诚	Appl. Surf. Sci.	2012-263-15-266	SCI	工程技术	B 级
3	Magnetic particle-based immunoassay of phosphorylated p53 using protein cage templated lead phosphate and carbon nanospheres for signal amplification	陈爱琼, 包元武, 葛晓晓, Yongsoon Shin, 牡丹*, Yuehe Lin	RSC Advances	2012-02-29-11029	SCI		C 级
4	Highly Sensitive and Selective Immuno-Capture/Electrochemical Assay of Acetylcholinesterase Activity in Red Blood Cells: A Biomarker of Exposure to Organophosphorus Pesticides and Nerve	陈爱琼, 牡丹*, Yuehe Lin	Environmental Science & Technology	2012-46-03-1828	SCI	环境科学	A 级

	Agents						
5	Properties of xyloglucan hydrogel as the biomedical Sustained-Release Carriers	陈笛笛, 郭沛, 陈莎, 曹郁*, 纪万珍, 雷霞, 刘莉娜, 赵培光, 王瑞红, 祁超, 刘燕丽, 何宏轩	Journal of Materials Science: Materials in Medicine	2012-23-4-955	SCI	工程技术	B级
6	Enantioselective Synthesis of Dihydropyrazoles by Formal [4+1] Cycloaddition of in Situ-Derived Azoalkenes and Sulfur Ylides	陈加荣, 董万荣, Mathieu Candy, 潘方方, Manuel Jörres, Carsten Bolm*	J. Am. Chem. Soc.	2012-134-16-6924	SCI	化学	A级
7	Reaction Pathway and Free Energy Profiles for Butyrylcholinesterase-Catalyzed Hydrolysis of Acetylthiocholine	陈喜, 方磊, 刘俊军, 湛昌国	Biochemistry	2012-51-6-1297	SCI	生物	B级
8	Thermoplastic starches modified with polyurethane microparticles: effects of hydrophilicity of polyurethane prepolymer	陈晓霞, 张宇, 张平平, 范冰冰, 伍强贤	Starch-Stärke	2012-64-4-255	SCI	工程技术	B级
9	Enhanced Decomposition of Dimethyl Phthalate via Molecular Oxygen Activated by Fe@Fe2O3/AC under Microwave Irradiation	陈一玲, 艾智慧, 张礼知	J. Hazard. Mater.	2012-235-236-92	SCI	工程技术	A级
10	Synthesis and Herbicidal Activity of Acylpyrazole Derivatives Containing 1,2,3-Thiadiazole Moiety	程凤, 石德清	J. Heterocyclic Chemistry	2012-49-4-732	SCI	化学	C级

11	Design of chiral sulfoxide - Schiff base hybrids and their application in Cu-catalyzed asymmetric Henry reactions	程鸿刚、陆良秋、汪涛、陈加荣*、肖文精*	Chem. Commun.	2012-48-45-5596	SCI	化学	A 级
12	Substrate-controlled and highly stereoselective synthesis of 2-aminobut-2-ene-1, 4-diones	邓聪, 杨雁, 高蒙, 祝艳平, 吴安心,* 马军瑞, Jun-Rui Ma, 殷国栋*	Tetrahedron	2012-68-20-3828	SCI	化学	B 级
13	Synthesis, Crystal Structures and Catalysis of Dinuclear Cd(II) Complexes Bridged by Unusual (N, O, O')-Coordinated α -Amino Acids	邓冬生, 王莉*, 裴亚梅, 陆峰, 刘长林	CHEM. RES. CHINESE UNIVERSITIES	2012-28-1	SCI	化学	C 级
14	Design of a Visible Light Driven Photo-Electrochemical/Electro-Fenton Coupling Oxidation System for Wastewater Treatment	丁星, 艾智慧, 张礼知	J. Hazard. Mater.	2012- 239-240-233	SCI	工程技术	A 级
15	Porous Structure Dependent Photoreactivity of Graphitic Carbon Nitride under Visible Light	董国辉, 张礼知	J. Mater. Chem.	2012-22-1160	SCI	工程技术	A 级
16	Carbon Self Doping Induced High Electronic Conductivity and Photoreactivity of g-C ₃ N ₄	董国辉, 赵焜, 张礼知	Chem. Commun.	2012-48- 6178	SCI	化学	A 级
17	Integrated Lateral Flow Test Strip with Electrochemical Sensor for Quantification of Phosphorylated Cholinesterase: Biomarker of	牡丹*, 王俊, 王利民, 卢东来, Yuehe Lin	Analytical Chemistry	2012-84-03-1380	SCI	化学	A 级

	Exposure to Organophosphorus Agents						
18	Graphene-based materials for biosensing and bioimaging	杜丹*, 杨玉琪, Yuehe Lin	MRS Bulletin	2012-37-12-1290	SCI	工程技术	A级
19	An organocatalytic Michael-aldol cascade: formal [3+2] annulation to construct enantioenriched spirocyclic oxindole derivatives	段淑文、李洋、刘以银、邹有全、石德清、肖文精*	Chem. Commun.	2012-48-42-5160	SCI	化学	A级
20	Switchable Wettability Sensor for Ion Pairs Based on Calix[4]azacrown Clicking	冯凝眉, 赵海洋, 展君颜, 田德美, 李海兵	Org. Lett.	2012-14-8-1958	SCI	化学	A级
21	Oxidative cross-esterification of dithio-lanes with alcohols through a cross-dehydrogenative coupling (CDC)/deprotection sequence	付亮、姚长江、常宁杰、陈加荣、陆良秋*、肖文精*	Org. Biomol. Chem.	2012-10-3-506	SCI	化学	B级
22	Unexpected C-C Bond Cleavage: A Route to 3,6-Diarylpyridazines and 6-Arylpyridazin-3-ones from 1,3-Dicarbonyl Compounds and Methyl Ketones	高庆贺, 祝艳平, 连密, 刘美彩, 袁晶晶, 殷国栋, 吴安心*	The Journal of Organic Chemistry	2012-77-9865	SCI	化学	B级
23	Microstructure Dependent Photoelectrochemical and Photocatalytic Properties of BiOI	葛素香, 赵坤, 张礼知	J. Nanopart. Res.	2012-14- 1015	SCI	工程技术	A级

24	Facile Synthesis of Zirconia Nanoparticles-decorated Graphene Hybrid Nanosheets for an Enzymeless Methyl Parathion Sensor	龚静鸣*、缪杏菊、万慧芳、宋丹丹	Sensors and Actuator B: Chemical	2012-162-1-341	SCI	工程技术	A级
25	Highly sensitive visible light activated photochemical biosensing of organophosphate pesticide using biofunctional crossed bismuthoxyiodide flake arrays	龚静鸣*、王晓庆、李雪、王克伟	Biosensors & Bioelectronics	2012-38-43	SCI	工程技术	A级
26	Adsorption of Heavy Metal Ions by Hierarchically Structured Magnetite-carbonaceous Spheres	龚静鸣*、王晓庆、邵秀兰、袁爽、杨晨临、胡先罗	Talanta	2012-101-45	SCI	化学	B级
27	Computational Discovery of picomolar Qo site inhibitors of cytochrome bcl complex.	郝格非, 王福, 李慧, 朱晓磊, 杨文超, 黄丽莎, 吴嘉炜*, Berry, E. A.; 杨光富*	J. Am. Chem. Soc.	2012, 134, 11168-11176	SCI	化学	A级
28	Structure-based Methods for Predicting Target Mutation-induced Drug Resistance and Rational Drug Design to Overcome the Problem.	郝格非, 杨光富, 湛昌国	<i>Drug Discov. Today</i>	2012, 17, 1121-1126.	SCI	医学	A级
29	Air-stable and highly efficient indenyl-derived phosphine ligand: Application to BuchwaldeHartwig amination reactions	郝小伟、袁佳、余广鳌、邱明强、余能芳、孙跃、赵翠、毛树兰、尹军、刘盛华	Journal of Organometallic Chemistry	2012-706-707-01-99	SCI	化学	B级

30	Design, synthesis and biological evaluation of novel 2-methylpyrimidine-4-ylamine derivatives as inhibitors of Escherichia coli pyruvate dehydrogenase complex E1	贺军波, 冯玲玲, 李静, 陶瑞娟, 王芳, 廖逊, 孙秋爽, 龙庆武, 任彦亮, 王建, 贺红武	Bioorganic & Medicinal Chemistry	2012-20	SCI	医学	B 级
31	Synthesis and antitumor activity of novel quinazoline derivatives containing thiosemicarbazide moiety	贺军波, 王晓果, 赵晓琴, 梁永菊, 贺红武, 付丽武	European Journal of Medicinal Chemistry	2012-54	SCI	化学	B 级
32	Highly selective and sensitive fluorescent sensing of oxalate in water	胡敏, 冯国强	CHEMICAL COMMUNICATIONS	2012-48-55-6951	SCI	化学	A 级
33	Introducing Ligand-based Hydrogen Bond Donors to a Receptor: Both Selectivity and Binding Affinity for Anion Recognition in Water can be Improved	黄飞虎 Chen Cheng(程晨) and Guoqiang Feng*(冯国强)	JOURNAL OF ORGANIC CHEMISTRY	2012-77-24-11405	SCI	化学	B 级
34	Imidazole-based dithienylethenes as a selective chemosensors for iron(III) ions	黄淑媛、李自永、李思思、尹军、刘盛华	Dyes and Pigments	2012-92-03-961	SCI	工程技术	A 级
35	多苯并咪唑锰(II) 配合物的合成及对 DNA 凝聚的促进作用	黄雪英, 孟祥高, 张妍, 王莉, 刘长林	高等学校化学学报	2012-33-1151-1157	SCI	化学	C 级
36	New Insight into Daylight Photocatalysis of AgBr@Ag: Synergistic Effect between Semiconductor Photocatalysis and Plasmonic Photocatalysis	蒋静, 李浩, 张礼知	Chem. Eur. J.	2012-18-6360	SCI	化学	A 级

37	Synthesis and Facet-Dependent Photoreactivity of BiOCl Single-Crystalline Nanosheets	蒋静, 赵焜, 肖小意, 张礼知	J. Am. Chem. Soc.	2012-134- 4473	SCI	化学	A 级
38	New Efficient Synthesis of Trisubstituted 1H-Imidazole-2(3H)-thiones and Thiazoles via Vinyliminophosphoranes	解海, 刘建超, 武雷, 丁明武*	<i>Tetrahedron</i>	2012-68-38-7984	SCI	化学	B 级
39	Unexpected Synthesis of 2,4,5-Trisubstituted Oxazoles via a Tandem aza-Wittig/Michael/Isomerization Reaction of Vinyliminophosphorane	解海, 袁玓, 丁明武*	<i>J. Org. Chem.</i>	2012-77-06-2954	SCI	化学	B 级
40	Structure-Based Design and Screen of Novel Inhibitors for Class II 3-Hydroxy-3-methylglutaryl Coenzyme A Reductase from Streptococcus Pneumoniae	李定, 桂颀, 李永健, 冯玲玲, 韩新亚, 孙瑶, 孙婷琳, 陈志刚, 曹怡, 张阳, 周丽, 胡小鹏, 任彦亮*, 万坚*	J. Chem. Inf. Model.	2012-52-7-1833	SCI	化学	B 级
41	Hydrogen - Deuterium Exchange Reaction of 2-Benzylthio-5-Methyl-1,2,4-Triazolo[1,5-a]Pyrimidine Under Basic Conditions	李芳, 陈琼, 刘晨琛, 伍约红, 刘小鹏, 杨光富	applied magnetic resonance	2012-42-2-169	SCI	物理	C 级
42	Highly selective colorimetric and fluorescent sensors for the fluoride anion based on imidazo[4,5-f]-1,10-phenanthroline metal-complexes	李思思、张婵、黄淑媛、胡芳、尹军、刘盛华	RSC Advances	2012-02-10-4215	SCI		C 级
43	Composite quantum dots detect Cd(II) in living cells in a fluorescence "turning on" mode	李玉玲, 周娟, 刘长林, 李海兵	J. Mater. Chem.	2012-22-2507	SCI	工程技术	A 级

44	Synthesis and Properties of Photochromic Diarylethene Containing N-Salicylideneaniline Units	李自永, 张婵, 黄淑媛, 李思思, 尹军, 刘盛华	Molecular Crystals and Liquid Crystals	2012-557-84	SCI	化学	C 级
45	Synthesis of [2]Catenanes by Template-Directed Clipping Approach	李自永、刘文举、吴继善、刘盛华、尹军	The Journal of Organic Chemistry	2012-77-16-7129	SCI	化学	B 级
46	Logic design and synthesis of quinoxalines via the integration of iodination/oxidation/cyclization sequences from ketones and 1,2-diamines	连密, 李绮, 祝艳平, 殷国栋, 吴安心*	Tetrahedron	2012-68-47-9598	SCI	化学	B 级
47	One-step fabrication of layered double hydroxides/graphene hybrid as solid-phase extraction for stripping voltammetric detection of methyl parathion	梁翰、缪杏菊、龚静鸣*	Electrochem. Commun.	2012-20-149	SCI	工程技术	A 级
48	Synthesis, characterization and mechanochromic behavior of binuclear gold (I) complexes with various diisocyno bridges	梁晋华、胡芳、吕潇怡、陈钊、陈志明、尹军、余广鳌、刘盛华	Dyes and Pigments	2012-95-03-485	SCI	工程技术	A 级
49	Determination of Nickel in Water Samples by Graphite Furnace Atomic Absorption Spectrometry After Ionic Liquid-Based Dispersive Liquid-Liquid Microextraction Preconcentration	梁沛, 彭丽丽	Atomic Spectroscopy	2012-33-2-53	SCI	物理	C 级

50	Synthesis and antifungal Activity of Novel Sclerotiorin Analogues.	林龙, Mulholland, N.; 吴琼友, Beattie, D., 黄绍维, Irwin, D.; Clough, J., 顾玉诚, 杨光富	<i>J. Agric. Food Chem.</i>	2012, 60, 4480 - 4491.	SCI	农林科学	A级
51	Design, Synthesis and Fungicidal Activity of Novel Sclerotiorin Derivatives.	林龙, Mulholland, N., 黄绍维, Beattie, D., Irwin, D., 顾玉诚, Clough, J., 吴琼友, 杨光富	<i>Chem. Biol. Drug Des.</i>	2012, 80, 682-692	SCI	医学	B级
52	Facile Synthesis of 3-Substituted Isoquinolines Derivatives via Microwave-assisted Tandem Three-component Coupling Cyclization.	林龙, 吴琼友, 黄绍维, 杨光富	<i>Chin. J. Chem.</i>	2012, 30, 1075 - 1082.	SCI	化学	C级
53	An Electrochemical Immunosensor Based on Chemical Assembly of Vertically Aligned Carbon Nanotubes on Carbon Substrates for Direct Detection of Pesticide Endosulfan in Environmental Water	刘国珍, 王硕, 刘敬权, 宋丹丹	Analytical Chemistry	2012-84-9-3921	SCI	化学	A级
54	Synthesis and Pesticidal Activity of 3-(2-Chloro-4 trifluoromethyl)phenoxy Benzoylhydrazones	刘建超, 崔泽平, 贺红武	有机化学	2012-32	SCI	化学	C级
55	Synthesis, characterization, and fungicidal activity of new thienopyridopyrimidine derivatives	刘建超, 贺红武	SYNTHETIC COMMUNICATIONS	2012-42	SCI	化学	C级

56	Design of a Neutral Three-Dimensional Electro-Fenton System with Foam Nickel as Particle Electrodes for Wastewater Treatment	刘伟, 艾智慧, 张礼知	J. Hazard. Mater.	2012- 243-257	SCI	工程技术	A级
57	Dual Activation in Organocatalysis: Design of Tunable and Bifunctional Organocatalysts and Their Applications in Enantioselective Reactions	陆良秋、安晓蕾、陈加荣、肖文精*	Synlett	2012-23-4-490	SCI	化学	B级
58	Development of Cascade Reactions for the Concise Construction of Diverse Heterocyclic Architectures	陆良秋、陈加荣、肖文精*	Acc. Chem. Res.	2012-45-8-1278	SCI	化学	A级
59	Hydrogen-Bond-Mediated Asymmetric Cascade Reaction of Stable Sulfur Ylides with Nitroolefins: Scope, Application and Mechanism	陆良秋、李芳、安静、程莹、陈加荣、肖文精*	Chem. Eur. J.	2012-18-14-4073	SCI	化学	A级
60	Enantioselective Cascade Reactions of Stable Sulfur Ylides and Nitroolefins through an Axial-to-Central Chirality Transfer Strategy	陆良秋、明志会、安静、李超、陈加荣、肖文精*	J. Org. Chem.	2012-77-2-1072	SCI	化学	B级
61	Synthesis and Fungicidal Activity of (1Z, 3Z)-4, 4-Dimethyl-1-substitutedphenyl-2-(1H-1, 2, 4-triazol-1-yl)-pent-1-en-3-one 0-[2, 4-dimethylthiazole (or 4-methyl-1, 2, 3-thiadiazole)]-5-carbonyl Oximes	毛会玉, 宋红, 石德清	J. Heterocyclic Chemistry	2012-49-03-511	SCI	化学	C级

62	A highly active catalytic system for Suzuki-Miyaura cross-coupling reactions of aryl and heteroaryl chlorides in water	毛树兰、孙跃、余广鳌、赵翠、韩治军、袁佳、朱小磊、杨启华、刘盛华	Organic & Biomolecular Chemistry	2012-10-47-9410	SCI	化学	B 级
63	p-Sulfonated calix[6]arene modified graphene as a 'turn on' fluorescent probe for L-carnitine in living cells	毛小薇, 田德美, 李海兵	Chem. Commun.	2012-48-4851	SCI	化学	A 级
64	Regulation of Both the Reactive Oxygen Species Level and Antioxidant Enzyme Activity in Drought-Stressed Rice Organs by Benzimidazole-Based SOD1 Mimics	孟祥高, 王敏, 江诺葳, 章丹, 王莉, 刘长林	J. Agric. Food Chem.	2012-60-11211-11221	SCI	农 林 科学	A 级
65	A new Hg ²⁺ fluorescent sensors based on 1,3-alternate thiacalix[4]arene (L) and the complex of [L+Hg ²⁺] as turn-on sensor for cysteine	缪发君, 展君颜, 邹志龙, 田德美, 李海兵	Tetrahedron	2012-68-10-2409	SCI	化学	B 级
66	Enantioselective Recognition of Mandelic Acid with (R)-1,1-Bi-2-naphthol-Linked Calix[4]arene via Fluorescence and Dynamic Light Scattering	缪发君, 周娟, 田德美, 李海兵	Org. Lett.	2012-14-14-3572	SCI	化学	A 级
67	New Efficient Synthesis of 1,2,4-Trisubstituted Imidazoles and Imidazo[1,2-c]quinazolines by a Tandem aza-Wittig/electrocyclic Ring-closure Process	聂熠博, 段专, 丁明武*	<i>Tetrahedron</i>	2012-68-04-965	SCI	化学	B 级

68	Efficient Regioselective Synthesis of 3-Iodoindole N-carboximidamides and N-carboximidoates by a Sequential Aza-Wittig/Iodine Induced Cyclization	聂熠博,段专,丁明武*	<i>Chin. J. Chem.</i>	2012-30-08-1807	SCI	化学	C 级
69	Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles by a Sequential aza-Wittig/Michael/Isomerization Reaction	聂熠博,王龙,丁明武*	<i>J. Org. Chem.</i>	2012-77-01-696	SCI	化学	B 级
70	Synthesis and cytotoxicity of 0,0'-dialkyl {[2-(substituted phenoxy) acetamido] (substituted phenyl)methyl}phosphonates	宁丽红,王威,梁永菊,彭浩,付丽武,贺红武	European Journal of Medicinal Chemistry	2012-48	SCI	化学	B 级
71	An unprecedented triple helix based on the tetrameric assembly of a macrocycle driven by weak C-H center dot center dot center dot pi and C-H center dot center dot center dot O interactions	庞韬,尚杰,杨亲万,孙瑜,吴安心*,江华*	CrystEngComm	2012-14-16-5170	SCI	化学	B 级
72	Design, Synthesis, and Bioevaluation of Benzamides: Novel Acetylcholinesterase Inhibitors with Multi-functions on Butylcholinesterase, A β Aggregation, and β -Secretase.	彭大勇,孙琦,朱晓磊,林红艳,陈琼,杨文超*,杨光富*	<i>Bioorg. Med. Chem.</i>	2012, 20, 6739-6750.	SCI	医学	B 级
73	Ionic liquid magnetic bar microextraction and HPLC determination of carbamate pesticides in real water samples	彭莎,肖婧,程靖*,张淼,李晓燕,程敏	Microchim. Acta	2012-179-193	SCI	化学	B 级

74	Colorimetric detection and separation of chiral tyrosine based on N-acetyl-Lcysteine modified gold nanoparticles	苏海燕, 郑秋玲, 李海兵	J. Mater. Chem.	2012-22-6546	SCI	工程技术	A级
75	Efficient Visible Light-Driven Photocatalytic Degradation of Pentachlorophenol with Bi ₂ O ₃ /TiO ₂ -xB _x	苏柯, 艾智慧, 张礼知	J. Phys. Chem. C	2012-116-17118	SCI	化学	B级
76	Study on the interaction between cyanobacteria FBP/SBPase and metal ions	孙瑶, 廖逊, 李定, 冯玲玲*, 李军, 王小凤, 金晶, 伊帆, 周丽, 万坚*	Spectrochim. Acta. A	2012-89-337	SCI	物理	B级
77	Chiral colorimetric recognition of amino acids based on silver nanoparticle clusters	孙耀, 张亮, 李海兵	New Journal of Chemistry	2012-36-7-1442	SCI	化学	B级
78	pH gated glucose responsive biomimetic single nanochannels	孙忠月, 韩翠平, 文龙, 田德美, 李海兵, 江雷	Chem. Commun.	2012-48-27-3282	SCI	化学	A级
79	Enantioselective [4+2] Cycloadditions of 2-Vinyl-1H-indoles with 3-Nitro-2H chromenes Catalyzed by a Zn(OTf) ₂ /Bis-(oxazoline) Complex: An Efficient Approach to Fused Heterocycles with a Quaternary Stereocenter	谭芬、肖聪、程鸿刚、吴为、丁克熔*、肖文精*	Chem. Asian J.	2012-7-3-493	SCI	化学	B级
80	Boosting partial least-squares discriminant analysis with application to near infrared	谭诗淼, 罗瑞敏, 周燕平*, 徐晖, 宋丹丹, 谭泽, 杨天鸣, 聂艳	Journal of chemometrics	2012-26-34-39	SCI	化学	B级

	spectroscopic tea variety discrimination						
81	Experimental study of novel Co-based catalysts for tar model compound cracking	唐宁路, 吴正舜*, 刘晓燕, 孙婷婷, 伍强贤	Journal of Biobased Materials and Bioenergy	2012-6-1-101	SCI	工程技术	B级
82	Rational Design of an “ OFF-ON ” Phosphorescent Chemodosimeter Based on an Iridium(III) Complex and Its Application for Time-Resolved Luminescent Detection and Bioimaging of Cysteine and Homocysteine	唐艳 ^[a, b] , Hui-Ran Yang ^[b] , Hui-Bin Sun ^[b] , Shu-Juan Liu ^[b] , Jing-Xia Wang ^[b] , Qiang Zhao ^{*[b]} , Xiang-Mei Liu ^[b] , Wen-Juan Xu ^[b] , 李盛彪 ^{*[a]} , 黄维 ^{*[b]}	Chem. Eur. J.	DOI: 10.1002/chem.201203137	SCI	化学	A级
83	The asymmetric synthesis of chiral cyclic alpha-hydroxy phosphonates and quaternary cyclic alpha-hydroxy phosphonates	王储备, 许超, 谭效松, 彭浩, 贺红武	Organic & Biomolecular Chemistry	2012-10-1680	SCI	化学	B级
84	Enhanced photoelectrochemical water splitting on Pt-loaded TiO2 nanorods array thin film	王方方, 郑直, 贾法龙*	Materials Letters	2012-71-141 此期刊没有“期”	SCI	工程技术	B级
85	An unexpected tetranuclear Li2Cr2 trimethylsilylacetylide complex bridged by two 3-pyrazolates,	王锋, 曹莉, 廖洪林, 贾晓潞, 高茜, 李东风	Sci. China Chem.	2012-55- 914	SCI	化学	C级
86	Improving the Degree of Functionalization and Solubility of Single-Walled Carbon Nanotubes via	王锋, 邓克俭, 周丽, 赵金波, 柯晓欢, 温丽丽	J Inorg Organomet Polym	2012-22-1182	SCI	化学	B级

	Covalent Multiple Functionalization						
87	New Multifunctional Porous Materials Based on Inorganic - Organic Hybrid Single-Walled Carbon Nanotubes: Gas Storage and High-Sensitive Detection of Pesticides	王锋, 赵金波, 龚静鸣, 温丽丽, 周丽, 李东风	Chem. Eur. J.	2012-18- 11804	SCI	化学	A 级
88	Synthesis, Characterization and X-ray Crystal Structure of N,N'-Bis(4-nitrophenylcarbamothioyl)-isophthalamide center dot DMF	王海琴, 陈乐, 彭浩, 贺红武	结构化学	2012-30	SCI	化学	C 级
89	Synthesis and Crystal Structure of N-Hexyl-3,7-diformylphenothiazine	王宏里, 徐文远, 张彬	Journal of Chemical Crystallography	2012-42-846	SCI	化学	C 级
90	Direct Synthesis of Substituted Naphthalenes from 1,3-Dicarbonyl Compounds and 1,2-Bis(halomethyl)benzenes Including a Novel Rearrangement Aromatization of Benzo[c]oxepine	王军刚, 王梦, 向佳辰, 祝艳平, 薛伟剑, 吴安心*	Org. Lett	2012-14-23- 6060	SCI	化学	A 级
91	Assembly and luminescence properties of lanthanide-polyoxometalates/ 2 polyethyleneimine/SiO ₂ particles with core - shell structure	王俊, 樊少华, 赵维倩, 张红艳	Thin solid Films	2012 (in press)	SCI	工程技术	B 级

92	Synthesis, temperature-controlled structures and polyphenol oxidase activities of dinuclear manganese(II) complexes with N, N, N', N'-tetrakis(20-benzimidazolylmethyl)-1,4-diethylene amino glycol ether	王莉*, 孟祥高, 邓冬生, 裴亚梅, 魏丽梅	Inorganica Chimica Acta	2012-387	SCI	化学	B 级
93	Synthesis of Indolo [1,2- <i>a</i>]Quinoxalines via a Pd-Catalyzed Regioselective C-H Olefination/Cyclization Sequence	王亮、郭伟、张肖肖、夏旭东、肖文精*	Org. Lett.	2012-14-3-740	SCI	化学	A 级
94	InBr ₃ -catalyzed cyclization of glycosides with arylamines.	王平原, 王美凝, 章雪锋, 杨光富*, 张翱*	<i>Tetrahedron</i> ,	2012, 68, 5386e5390	SCI	化学	B 级
95	Synthesis and Herbicidal Activity of 2-(Substituted phenoxyacetoxy)alkyl-5,5-dimethyl-1,3,2-dioxaphosphinan-2-one	王威, 贺红武, 左娜, 何海峰, 彭浩, 谭效松	J. Agric. Food Chem.	2012-60	SCI	农林科学	A 级
96	Synthesis and herbicidal activity of 2-(substituted phenoxyacetoxy)alkyl-5,5-dimethyl-1,3,2-dioxaphosphinan-2-one containing fluorine	王威, 贺红武, 左娜, 张鑫, 林吉盛, 彭浩	Journal of Fluorine Chemistry	2012-142	SCI	化学	B 级
97	Development of an improved single-drop microextraction method and its application for the analysis of carbamate and organophosphorus pesticides in	王秀红, 程靖*, 汪相芳, 吴敏, 程敏	Analyst	2012-137-5339	SCI	化学	B 级

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98	DABCO and Bu ₃ P catalyzed [4 + 2] and [3 + 2] cycloadditions of 3-acyl-2Hchromen-ones and ethyl 2,3-butadienoate	王颖, 余治华, 郑胡飞, 石德清	Organic & Biomolecular Chemistry	2012-10-38-7739	SCI	化学	B 级
99	A luminescent nanocrystal metal - organic framework for sensing of nitroaromatic compounds	王云鹏, 王锋, 罗丁峰, 周丽, 温丽丽	Inorg. Chem. Commun.	2012-19-43	SCI	化学	B 级
100	N-Heterocyclic Carbene Catalyzed Intramolecular Hydroacylation of Alkynylphosphonates	王振强, 余治华, 王颖, 石德清	Synthesis	2012-44-10-1559	SCI	化学	B 级
101	Assembly of Two Porous Cadmium(II) Frameworks: Selective Adsorption and Luminescent Property	温丽丽, 柯晓欢, 邱玲, 周阳, 周丽, 赵金波, 李东风	Cryst. Growth Des.	2012-12-4803	SCI	化学	B 级
102	Visible-Light-Driven Photocatalysts of Metal-Organic Frameworks Derived from Multi-Carboxylic Acid and Imidazole-Based Spacer	温丽丽, 赵金波, 吕康乐, 吴宇辉, 邓克俭, 冷晓科, 李东风	Cryst. Growth Des.	2012-12- 1603	SCI	化学	B 级
103	Multifunctional Amino-Decorated Metal-Organic Frameworks: Nonlinear-Optic, Ferroelectric, Fluorescence Sensing and Photocatalytic Properties	温丽丽, 周丽, 张丙广, 孟祥高, 区华, 李东风	J. Mater. Chem.	2012-12-1603	SCI	工程技术	A 级

104	Functionalized Coronenes: Synthesis, Solid Structure, and Properties	吴迪、张华、梁晋华、葛豪杰、Chunyan Chi、Jishan Wu、刘盛华、尹军	The Journal of Organic Chemistry	2012-77-24-11319	SCI	化学	B 级
105	A Novel and Highly Regioselective Route to Construct Methylthio-Substituted Pyridazines from Aryl Methyl Ketones at Room Temperature	吴柳明, 杨雁, 高蒙, 张冬雪, 舒文明, 祝艳平, 吴安心*	Synlett	2012-23-14-2137	SCI	化学	B 级
106	Efficient Removal of Heavy Metal Ions with Biopolymer Template Synthesized Mesoporous Titania Beads of Hundreds of Micrometers Size	吴娜, 魏欢欢, 张礼知	Environ. Sci. Technol.	2012-46- 419	SCI	环境科学	A 级
107	Synthesis and Characterization of Dithia[3,3]paracyclophane-Bridged Binuclear Ruthenium Vinyl and Alkynyl Complexes	夏建龙、Wing Y. Man、朱兴训、张婵、靳国军、Phil A. Schauer、Mark A. Fox、尹军、余广鳌、Paul J. Low、刘盛华	Organometallics	2012-31-15-3521	SCI	化学	B 级
108	An Experimental Study on the Effect of Substituents on Aromatic-Aromatic Interactions in Dithia[3,3]-metaparacyclophanes	夏建龙、刘盛华、Franco Cozzi、Michele Mancinelli、Andrea Mazzanti	Chemistry - A European Journal	2012-18-12-3611	SCI	化学	A 级
109	In-syringe demulsified dispersive liquid-liquid microextraction and high performance liquid chromatography - mass spectrometry for the determination of trace fungicides in environmental water samples	夏亚婷, 程敏, 郭锋, 汪相芳, 程靖*	Anal. Chim. Acta.	2012-724-47	SCI	化学	B 级

110	Ultrasound-enhanced surfactant-assisted dispersive	夏亚婷, 智晓然, 王秀红, 陈咪, 程靖*	Anal. Bioanal. Chem.	2012-402-1241	SCI	化学	B 级
111	Ultrasound-assisted headspace ionic-liquid microextraction of polycyclic aromatic hydrocarbons at elevated temperatures	肖婧, 程靖, 郭锋, 胡海丽, 彭莎, 张淼, 程敏	Microchim. Acta	2012-177-465	SCI	化学	B 级
112	¹ H and ¹³ C NMR assignments of four series bioactive pyrido[4,3-d]pyrimidine derivatives	徐国华, 宋晶晶, 任青云, 莫文研, 徐慧, 孙珊楠, 贺红武, 崔艳芳	Magnetic Resonance in Chemistry	2012-50	SCI	化学	C 级
113	New sorptive extraction method based on polydimethylsiloxane sieve combined with GC-MS for determination of pyrethroids residues in tea	徐晖, 孙晓曼, 宋丹丹	Anal. Methods	2012-4-12-4161	SCI	工程技术	B 级
114	A novel sorptive extraction method based on polydimethylsiloxane frit for determination of lung cancer biomarkers in human serum	徐晖, 王淑余	Anal. Chim. Acta	2012-724-61	SCI	化学	B 级
115	Development of a novel monolith frit-based solid-phase microextraction method for determination of hexanal and heptanal in human serum samples	徐晖, 闫志华, 宋丹丹	J. Sep. Sci	2012-35-713	SCI	化学	B 级
116	Room temperature synthesis of isoquino-[2,1-a][3,1]oxazine and isoquino[2,1-a]-pyrimidine derivatives	宣俊、冯祝嘉、段淑文、肖文精*	RSC Adv.	2012-2-10-4065	SCI		C 级

	via visible light photoredox catalysis						
117	Visible-Light Photoredox Catalysis	宣俊、肖文精*	Angew. Chem. Int. Ed.	2012-51-28-6828	SCI	化学	A 级
118	Novel furo[2,3-d] pyrimidine derivative as fluorescent chemosensor for HSO ₄ ⁻	薛伟剑, 李琳, 李绮, 吴安心*	Talanta	2012-88-734	SCI	化学	B 级
119	Diversity-Oriented Synthesis of Chromenes via Metal-Free Domino Reactions from Ketones and Phenols	薛伟剑, 李绮, 高方方, 祝艳平, 王军刚, 张伟, 吴安心*	ACS Comb. Sci.	2012-14-478	SCI	化学	B 级
120	Convergent integration of two self-labor domino sequences: a novel method for the synthesis of oxazole derivatives from methyl ketones and benzoin	薛伟剑, 李绮, 祝艳平, 王军刚, 吴安心*	Chem. Commun	2012-48-29-3485	SCI	化学	A 级
121	Synthesis of Indoles through Highly Efficient Cascade Reactions of Sulfur Ylides and N-(ortho-Chloromethyl)aryl Amides	阳青青、肖聪、陆良秋、安静、谭芬、李玢洁、肖文精*	Angew. Chem. Int. Ed.	2012-51-36-9137	SCI	化学	A 级
122	Highly selective colorimetric sensing pyrophosphate in water by a NBD-phenoxo-bridged dinuclear Zn(II) complex	杨胜钧 Guoqiang Feng*(冯国强) and Nicholas H. Williams	ORGANIC & BIOMOLECULAR CHEMISTRY	2012-10-29-5606	SCI	化学	B 级

123	New inhibitor of 3-phosphoinositide dependent protein kinase-1 identified from virtual screening.	杨文超, AbdulHameed M. D.; Hamza A. ; 湛昌国*	<i>Bioorg. Med. Chem. Lett.</i>	2012, 15, 1629-1632.	SCI	医学	B 级
124	Rieske Iron - Sulfur Protein of the Cytochrome bc1 Complex: A Potential Target for Fungicide Discovery.	杨文超, 李慧, 王福, 朱晓磊, 杨光富*	<i>Chembiochem</i>	2012, 134, 1542-1551.	SCI	生物	B 级
125	Novel synthetic methods for N-cyano-1H-imidazole-4-carboxamides and their fungicidal activity.	杨文超, 李晶, 陈琼, 杨光富 *	<i>Bioorg. Med. Chem. Lett.</i>	2012-22-1455	SCI	医学	B 级
126	Synthesis of trisubstituted isoxazoles via in situ trapping strategy from alpha-nitro carbonyl compounds and methyl ketones or terminal aryl alkenes	杨雁, 高蒙, 邓聪, 张冬雪, 吴柳明, 舒文明, 吴安心*	<i>Tetrahedron</i>	2012-68-31-6257	SCI	化学	B 级
127	Convergent domino synthesis of 1,2,3-triaroylindolizines from methyl ketones and pyridines via self-division of labor strategy	杨雁, 高蒙, 邓聪, 张冬雪, 吴柳明, 舒文明, 吴安心*	<i>Tetrahedron</i>	2012-68-36-7338	SCI	化学	B 级
128	Preparation and characterization of Au - ZrO ₂ - SiO ₂ nanocomposite spheres and their application in enrichment and detection of organophosphorus agents	杨玉琪, 涂海洋, 张爱东, 牡丹*, Yueh Lin	Journal of Materials Chemistry	2012-22-11-4977	SCI	工程技术	A 级
129	The effect of a nuclear localization sequence on transfection efficacy of genes delivered by cobalt (II) epoxybenzimidazole	殷俊, 孟祥高, 张世炳, 章丹, 王莉, 刘长林	<i>Biomaterials</i>	2012-33-31-7884-7894	SCI	工程技术	A 级

	complexes						
130	Phenyl substituted indenylphosphine ruthenium complexes as catalysts for dehydrogenation of alcohols	袁佳、孙跃、余广鳌、赵翠、余能芳、毛树兰、黄朋寿、韩治军、尹军、刘盛华	Dalton Transactions	2012-41-34-10309	SCI	化学	B 级
131	Unsymmetrical N and/or O-bridged calixarene derivatives: synthesis, structure and encapsulation of solvent molecules in the solid state	袁晶晶, 祝艳平, 连密, 高庆贺, 刘美彩, 贾丰成, 吴安心*	Tetrahedron Letters	2012-53-10-1222	SCI	化学	B 级
132	Anthraquinone-modified calix[4]arene: click synthesis, selective calcium ion fluorescent chemosensor and INHIBIT logic gate	展君颜, 方菲, 田德美, 李海兵	Supramolecular Chemistry	2012-24-4-272	SCI	化学	B 级
133	Synthesis of a pyridyl-appended calix[4]arene and its application to the modification of silver nanoparticles as Fe ³⁺ colorimetric sensor	展君颜, 文龙, 缪发君, 田德美, 朱晓磊, 李海兵	New J. Chem.	2012-36-656	SCI	化学	B 级
134	Sensitive fluorescence sensor for nitroaniline isomers based on calix[4]arene bearing naphthyl groups	展君颜, 朱晓磊, 方菲, 缪发君, 田德美, 李海兵	Tetrahedron	2012-68-5579	SCI	化学	B 级
135	Design of switchable wettability sensor for paraquat based on clicking calix[4]arene	张贵芬, 朱晓磊, 缪发君, 田德美, 李海兵	Org. Biomol. Chem.	2012-10-3185	SCI	化学	B 级

136	Star-Shaped Polycyclic Aromatic Hydrocarbons: Design and Synthesis of Molecules	张华、吴迪、刘盛华、尹军	Current Organic Chemistry	2012-16-18-2124	SCI	化学	B 级
137	Study of Inhibition, Reactivation and Aging Processes of Pesticides Using Graphene Nanosheets/Gold Nanoparticles-Based Acetylcholinesterase Biosensor	张林, 龙琳娟, 张玮莹, 牡丹*, Yuehe Lin	Electroanalysis	2012-24-08-1745	SCI	化学	B 级
138	Biosensor based on Prussian blue nanocubes/reduced graphene oxide nanocomposite for detection of organophosphorus pesticides	张琳, 张爱东, 牡丹*, Yuehe Lin	Nanoscale	2012-04-15-4674	SCI	工程技术	A 级
139	Synthesis and Fungicidal Activity of Novel Pimprinine Analogues.	张明智, 陈琼, Mulholland, N. ; Beattie, D. ; Irwin, D. , 顾玉诚*, 杨光富 *	<i>Eur. J. Med. Chem.</i>	2012 , 53, 283-291	SCI	化学	B 级
140	Novel Nanofibrous Composite of Chitosan-CaCO ₃ Fabricated by Electrolytic Biomineralization and Its Cell Biocompatibility	张伟、刘婷、胡先罗、龚静鸣*	RSC Advances	2012-2-2-514	SCI		C 级
141	Amphiphilic maltodextrins modified with polyurethane microparticles	张宇, 黄磊, 金代兴, 闫瑞侠, 王宏理, 伍强贤	Journal of Biobased Materials and Bioenergy	2012-6-5-538	SCI	工程技术	B 级

142	Starches modified with polyurethane microparticles: effects of hydroxyl numbers of polyols in polyurethane.	张宇, 冷亚梅, 朱玫, 范冰冰, 闫瑞侠, 伍强贤	Carbohydrate Polymers	2012-50-88-1208	SCI	化学	B 级
143	Efficient One-pot Synthesis of 1 <i>H</i> -Pyrazolo[1,5- <i>b</i>]indazoles by a Domino Staudinger/Aza-Wittig Cyclization	赵芬芬, 闫艳梅, 张瑞, 丁明武*	<i>Synlett</i>	2012-23-19-2850	SCI	化学	B 级
144	Desalting of Phosphopeptides by Tandem Polypyrrole-C18 Reverse Phase Micropipette Tip (TMTipPPY-C18) Based on Hybrid Electrostatic, $\Pi - \Pi$ Stacking and Hydrophobic Interactions for Mass Spectrometric Analysis	郑石, 王晓丽, 付洁英, 胡雪娇, 肖潇, 黄璐璐, 周友娥, 钟鸿英	Anal. Chim. Acta	2012-724-1	SCI	化学	B 级
145	Quantitative Analysis of Aberrant Fatty Acid Composition of Zebrafish Hepatic Lipids Induced by Organochlorine Pesticides Using Stable Isotope-Coded Transmethylation and Gas Chromatography-Mass Spectrometry	钟鸿英, 董凛杰, 董庆建, 柯昌庶, 付洁英, 王晓丽, 刘聪, 戴玲	Anal. Bioanal. Chem.	2012-404-1	SCI	化学	B 级
146	Measurement of Laser Activated Electron Tunneling from Semiconductor Zinc Oxide to Adsorbed Organic Molecules by a Matrix Assisted Laser Desorption Ionization Mass Spectrometer	钟鸿英, 付洁英, 王晓丽, 郑石	Anal. Chim. Acta	2012-729-1	SCI	化学	B 级

147	New Efficient Synthesis of 2,3,5-Trisubstituted 4(3 <i>H</i>)-Pyrimidinones Starting from the Baylis-Hillman Adducts	钟莹, 武雷, 丁明武*	<i>Synthesis</i>	2012-44-19-3085	SCI	化学	B 级
148	Cyclodextrin modified quantum dots with tunable liquid-like behaviour	周娟, 黄锦, 田德美, 李海兵	Chem. Commun.	2012-48-3596	SCI	化学	A 级
149	Highly Fluorescent Fluoride-Responsive Hydrogels Embedded with CdTe Quantum Dots	周娟, 李海兵	ACS Appl. Mater. Interfaces	2012-04-02-721	SCI	工程技术	A 级
150	Reduced graphene oxide - nickel oxide composite as high performance electrode materials for supercapacitors	朱先军, 代怀丽, 胡靖, 丁雷, 姜力	Journal of Power Sources	2012-203-0	SCI	工程技术	A 级
151	Reduced graphene oxide and nanosheet-based nickel oxide microsphere composite as an anode material for lithium ion battery	朱先军, 胡靖, 代怀丽, 丁雷, 姜力	Electrochim Acta	2012-64-0	SCI	工程技术	A 级
152	Design, Synthesis, and Bioevaluation of Novel Strobilurin Derivatives.	朱晓磊, 王福, 李慧, 杨文超, 陈琼, 杨光富	<i>Chin. J. Chem.</i>	2012, 30, 1999-2008.	SCI	化学	C 级
153	A Comparative Study of Drug Resistance Mechanism Associated with Active Site and Non-Active Site Mutations: I388N and D425G Mutants of Acetyl-Coenzyme-A Carboxylase.	朱晓磊, 杨光富*	<i>Current Computer-Aided Drug Design</i>	2012, 8(1), 62-69.	SCI	医学	C 级

154	An efficient synthesis of enol phosphates via organic base-promoted addition of phosphites to 4-oxo-enoates	朱晓宇、陈加荣、陆良秋*、肖文精*	Tetrahedron	2012-68-30-6032	SCI	化学	B 级
155	A Multipathway Coupled Domino Strategy: Metal-free Oxidative Cyclization for One-Pot Synthesis of 2-Acylbenzothiazoles from Multiform Substrates	祝艳平, 贾丰成, 刘美彩, 吴安心*	Org. Lett	2012-14-17-4414	SCI	化学	A 级
156	I ₂ promoted domino oxidative cyclization for one-pot synthesis of 2-acylbenzothiazoles via metal-free sp ³ C-H functionalization	祝艳平, 连密, 贾丰成, 刘美彩, 袁晶晶, 高庆贺, 吴安心*	Chem. Commun	2012-48-72-9086	SCI	化学	A 级
157	Metal-Free sp ³ C H Bond Dual-(Het)arylation: I ₂ -Promoted Domino Process to Construct 2,2-Bisindolyl-1-arylethanones	祝艳平, 刘美彩, 贾丰成, 袁晶晶, 高庆贺, 连密, 吴安心*	Org. Lett	2012-14-13-3392	SCI	化学	A 级
158	I ₂ -CF ₃ SO ₃ H Synergistic Promoted sp ³ C-H Bond Diarylation of Aromatic Ketones	祝艳平, 袁晶晶, 赵芹, 连密, 高庆贺, 刘美彩, 杨雁, 吴安心*	Org. Lett	2012-14-20-5378	SCI	化学	A 级
159	I ₂ /CuO-catalyzed tandem cyclization strategy for one-pot synthesis of substituted 2-aminothiozole from easily available aromatic ketones/alpha, beta-unsaturated ketones	祝艳平, 袁晶晶, 赵芹, 连密, 高庆贺, 刘美彩, 杨雁, 吴安心*	Tetrahedron	2012-68-1-173	SCI	化学	B 级

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160	Highly Efficient Aerobic Oxidative Hydroxylation of Arylboronic Acids: Photoredox Catalysis Using Visible Light	邹有全、陈加荣、刘小鹏、陆良秋、Rebecca L. Davis、Karl Anker Jørgensen*、肖文精*	Angew. Chem. Int. Ed.	2012-51-3-784	SCI	化学	A 级
161	Visible light induced intermolecular [2+2]-cycloaddition reactions of 3-ylidene-oxindoles through energy transfer pathway	邹有全、段淑文、孟祥高、胡小强、高爽、陈加荣、肖文精*	Tetrahedron	2012-68-34-6914	SCI	化学	B 级
162	Facile Synthesis and Herbicidal Evaluation of 4H-3,1-Benzoxazin-4-ones and 3H-Quinazolin-4-ones with 2-Phenoxymethyl Substituents	祖木热提, 王玉峰, 涂海洋, 黄小汀, 张爱东 *	Molecules	2012-17-3181	SCI	化学	B 级
163	Quantitative structure - activity relationships of 1,3,4-thiadiazol-2(3H)-ones and 1,3,4-oxadiazol-2(3H)-ones as human protoporphyrinogen oxidase inhibitors.	左炆, 杨盛刚, 江黎黎, 郝格非, 王志芳, 吴琼友, 席真, 杨光富	Bioorg. Med. Chem.	2012, 20, 296 - 304	SCI	医学	B 级

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