

## 2010 年化学学院发表科研论文一览表

序号	论文名称	作者	任务来源	期刊名称	年 - 卷 - 期	论文级别
1	New Cobalt-Mediated Radical Polymerization (CMRP) of Methyl Methacrylate Initiated by Two Single-Component Dinuclear b-Diketone Cobalt (II) Catalysts	暴峰, 冯玲玲, 高洁, 谭智方, 邢斌, 马睿, 严春杰	自选	PLoS ONE	2010-5-10	SCI
2	Self-Assembled nanoparticle drug Delivery Systems from Galactosylated Polysaccharide-doxorubicin Conjugate Loaded Doxorubicin BICMAC2537	曹郁, 顾颖, 马红, 白晶, 刘莉娜, 赵培光, 何宏轩	自选	International Journal of Biological Macromolecules	(2010)46, 245- 249	SCI
3	Reversion of Multidrug Resistance Using Self-Organized Nanoparticles Holding Both Doxorubicin and Targeting Moiety	曹郁, 顾颖, 马红, 杨怡, 赵培光, 苏萍, 刘丽燕, 祁超, 雷霞, 扬长江	自选	Letters in Drug Design & Discovery,	2010, 7, 500-506	SCI
4	Dispersive Liquid- Liquid microextraction based on the solidification of floating organic droplet for the determination of polychlorinated biphenyls in aqueous samples	代丽萍, 程靖, 古再努尔, 刘露, 李俊凯	自选	Analytica Chimica Acta	674 (2010) 201- 205	SCI
5	Application of DLLME Based on the Solidification of Floating Organic Droplets for the Determination of Dinitrobenzenes in Aqueous Samples	吴艳林, 代丽萍, 程靖, 郭峰, 李俊凯	自选	Chromatographia	2010, 72, 695- 699	SCI
6	Application of DLLME to the Determination of Pyrethroids in Aqueous Samples	刘露, 程靖, 古再努尔, 周红斌, 李俊凯	自选	Chromatographia	2010, 72, 1017- 1020	SCI
7	Application of dispersive liquid-liquid microextraction and reversed phase high performance liquid chromatography for the determination of two fungicides in environmental water samples	程靖; 周翌雯; 左梅; 代丽萍; 郭小杰	自选	International Journal of Environmental Analytical Chemistry	2010, 90 845 - 855	SCI

8	Propyl 4-hydroxybenzoate	周翌文, 古再努尔, 吴艳林, 肖婧, 程靖 *	自选	Acta Cryst. (2010). E66, 0	2010, 49, 104-106	SCI
9	氟氯氰菊酯与牛血清白蛋白相互作用的光谱研究	周翌雯, 古扎力努尔 买提沙地克, 代利苹, 刘 露, 程 靖	国基	农 药	2010, 49, 103-106	重点
10	油酸 / EL— 60/ 水体系的相行为研究	程靖', 郭小杰, 郭锋, 代利苹, 刘露	国基	华中师范大学学报 (自然科学版)	2010, 44, 428-433	
11	咪喹莫特对油酸 / EL 60/ 水体系相行为的影响	程靖, 郭小杰, 郭摇锋, 古扎力努尔买提沙地克, 代利苹	自选	医药导报	2010, 29, 126-129	
12	氟氰戊菊酯与牛血清白蛋白相互作用的光谱研究	程靖, 周翌雯, 古扎力努尔·买提沙地克, 代利苹, 刘露	国基	华中师范大学学报 (自然科学版)	2010, 44, 243-250	
13	Influence of Varying Surface Hydrophobicity of Chitosan Membranes on the Adsorption and Activity of Lipase	邓红涛, 王娟娟, 刘钟阳, 马苗	湖北省自然科学基金	Journal of Applied Polymer Science	2010-115卷	SCI
14	膦亚胺叶立德在杂环合成中的应用	丁明武	国家自然科学基金	中国科学: 化学	2010, 40, 869-877	权威
15	New efficient synthesis of pyrimido[1,6-c]quinazolin-4-ones by a Biginelli 3CC/Staudinger/aza-Wittig sequence	李文菁; 刘帅 和平; 丁明武	国家自然科学基金	<i>Tetrahedron</i>	2010, 66, 8151-8159.	SCI
16	Unexpected Synthesis of Rearranged 3,4-Dihydroquinazolines by a Sequential Ugi 4CC/aza-Wittig/Carbodiimide-mediated Cyclization	和平; 武静; 聂熠博; 丁明武	国家自然科学基金	<i>Eur. J. Org. Chem.</i>	2010, 1088-1095.	SCI
17	Facile Synthesis of 2-Alkylthio-5,6,7,8- tetrahydro benzothieno[2,3-d]pyrimidin-4(3H)-ones	曾小华; 刘敏, 丁明武, 贺红武	国家自然科学基金	<i>Synth. Commun.</i>	2010, 40, 1453-1460.	SCI
18	Efficient Synthesis of 6-(1H-1,2,4-triazol-1-yl)-thieno[2,3-d]pyrimidin-4(3H)-ones via an iminophosphorane	孙勇; 黄年玉; 丁明武	国家自然科学基金	<i>Synth. Commun.</i>	2010, 40, 1985-1991.	SCI
19	Efficient Synthesis of Benzothieno[3,2-d]-imidazo [1,2-a]pyrimidine-2,5-(1H, 3H)-diones via a Tandem aza-Wittig/Heterocumulene-Mediated Annulation	徐胜臻; 武静; 曹明慧; 丁明武	国家自然科学基金	<i>J. Heterocycl. Chem.</i>	2010, 47, 68-71.	SCI
20	Efficient Synthesis and Fungicidal Activities of	胡扬根; 王文琴; 丁明武	国家自然	<i>Phosphorus Sulfur</i>	2010, 185,	SCI

	2-Alkylthiobenzofuro[3,2-d]pyrimidinones		科学基金	<i>and Silicon Relat. Elem.</i>	857-864.	
21	Efficient Synthesis of New Tetracyclic Benzofuro[3,2-d]-imidazo[1,2-a]pyrimidine-2,5-(1 <i>H</i> , 3 <i>H</i> )-diones.	胡扬根; 刘敏; 丁明武	国家自然科学基金	<i>Chin. J. Chem.</i>	2010, 28, 309-312.	SCI
22	Efficient Synthesis of 3,5,6,8-Tetrahydro-4 <i>H</i> -thiopyrano[4',3':4,5]thieno[2,3-d]pyrimidin-4-ones via an Iminophosphorane	李文菁; 刘敏; 冯玲玲; 丁明武	国家自然科学基金	<i>Chem. Res. Chin. Univ.</i>	2010, 26, 60-65.	SCI
23	手性 1-芳基-2-(1 <i>H</i> -1,2,4-三唑-1-基)乙醇衍生物的合成与生物活性	徐胜臻, 明志会, 杨娇艳, 杨邵, 丁明武, 肖文精	国家自然科学基金	有机化学	2010, 30, 285-288.	SCI
24	Sensitive Immunosensor for Cancer Biomarker Based on Dual Signal Amplification Strategy of Graphene Sheets and Multienzyme Functionalized Carbon Nanospheres	牡丹, 邹哲祥, Yongsoon Shin, Jun Wang, Hong Wu, Mark H. Engelhard, Jun Liu, Ilhan A. Aksay, Yuehe Lin	国家自然科学基金	<i>Anal. Chem.</i>	2010, 82, 2989-2995	SCI
25	Covalent coupling of organophosphorus hydrolase loaded quantum dots to carbon nanotube/Au nanocomposite for enhanced detection of methyl parathion	牡丹, * 陈雯娟, 张玮莹, 刘德立, 李海兵, Yuehe Lin	国家自然科学基金	<i>Biosens. Bioelectron.</i>	2010, 25, 1370-1375	SCI
26	Acetylcholinesterase biosensor design based on carbon nanotube-encapsulated polypyrrole and polyaniline copolymer for amperometric detection of organophosphates	牡丹 *, 叶晓雪, 蔡捷, 刘娟, 张爱东	国家自然科学基金	<i>Biosens. Bioelectron.</i>	2010, 25, 2503-2508	SCI
27	One-step electrochemical deposition of Prussian Blue- multiwalled carbon nanotube nanocomposite thin-film: preparation, characterization and evaluation for HQ sensing.	牡丹 *, 王明辉, 秦月华, Yuehe Lin	国家自然科学基金	<i>J. Mater. Chem.</i>	2010, 20, 1532-1537	SCI
28	One-step synthesis of multiwalled carbon nanotubes-gold nanocomposites for fabricating amperometric acetylcholinesterase biosensor.	牡丹 *, 王明辉, 蔡捷, 秦月华, 张爱东	国家自然科学基金	<i>Sens. Actuators B.</i>	2010, 143, 524-529.	SCI
29	Sensitive acetylcholinesterase biosensor based on	牡丹 *, 王明辉, 蔡捷, 张爱东	国家自然	<i>Sens. Actuators</i>	2010, 146,	SCI

	assembly of -cyclodextrins onto multiwall carbon nanotubes for detection of organophosphates pesticide.		科学基金	B.	337-341.	
30	Detection of Organophosphate Pesticide Using Polyaniline and Carbon Nanotubes Composite Based on Acetylcholinesterase Inhibition.	陈代钦, 陈川惠子, 牡丹 *	国家自然 科学基金	J Nanoscience & Nanotechnology	2010, 10, 5662- 5666	SCI
31	One-Step Electrochemically Deposited Gold Nanoparticles Interface Grafted with Avidin for Acetylcholinesterase Biosensor Design.	张玮莹, 丁家旺, 秦月华, 刘德 立, 牡丹 *	国家自然 科学基金	J Nanoscience & Nanotechnology	2010, 10, 5685- 5691.	SCI
32	Stripping Voltammetric Detection of Mercury(II) Based on a Bimetallic Au-Pt Inorganic-Organic Hybrid Nanocomposite Modified Glassy Carbon Electrode	龚静鸣, 周婷, 宋丹丹, 张礼知, 胡先罗	国家自然 科学基金	Analytical Chemistry	2010-82-2	SCI
33	Monodispersed Au nanoparticles decorated graphene as an enhanced sensing platform for ultrasensitive stripping voltammetric detection of mercury(II)	龚静鸣, 周婷, 宋丹丹, 张礼知,	国家自然 科学基金	Sensors and Actuators B: Chemical	2010-150	SCI
34	Efficient stripping voltammetric detection of organophosphate pesticides using NanoPt intercalated Ni/Al layered double hydroxides as solid-phase extraction	龚静鸣, 王涟漪, 缪杏菊, 张礼 知	国家自然 科学基金	Electrochemistry Communications	2010-12-1	SCI
35	Prenylated xanthenes from the bark of <i>Garcinia</i> <i>xanthochymus</i> and their 1, 1-diphenyl-2-picrylhydrazyl (DPPH) radical scavenging activities	陈玉, 范桦, 杨光忠*, 江燕, 钟芳 芳, 贺红武	国家自然 科学基 金, 创新 团队, 973	<i>Molecules</i>	2010-15	SCI
36	Two New Prenylated Xanthenes from the Bark of <i>Garcinia</i> <i>xanthochymus</i>	陈玉, 杨光忠, 钟芳芳, 贺红武	国家自然 科学基金	<i>Bull. Korean Chem. Soc.</i>	2010-31-11	SCI
37	含磷丙酮酸脱氢酶系抑制剂的研究进展	贺红武* 贺军波 陈婷 陶瑞娟 李静,	国家自然 科学基 金, 前 973, 国家	中国科学: 化学	2010-40-7	权威

			支撑计划			
38	光学活性 $\alpha$ -羟基磷酸(酯)合成研究进展	金传飞 贺军波 王储备 贺红武	国家自然科学基金, 前973	有机化学	2010-30-1	SCI
39	Facile Synthesis and Herbicidal Activity of Novel Multisubstituted Pyridine Derivatives	任青云, 莫文妍, 高玲, 贺红武, 顾玉成	国家自然科学基金, 前973	<i>J. Heterocyclic Chem.</i>	2010-47	SCI
40	N,N-Bis[4-(trifluoromethyl)phenyl]-pyridine-2,6-dicarboxamide	陈乐, 贺红武, 彭浩	国家自然科学基金, 教育部重点实验室开放基金, 前973	Acta Crystallographica Section E	2010-E66	SCI
41	Novel Zinc Ion-Catalysed Synthesis of Unsymmetric Multisubstituted Pyridines	任青云, 莫文妍, 姚永艳, 贺红武, 顾玉成	国家自然科学基金, 前973	<i>Synthetic Communications</i>	2010-40-1	SCI
42	噻吩并[2,3-b]吡啶类化合物的合成及生物活性	刘建超, 贺红武	国家自然科学基金	应用化学	2010-27-10	权威
43	有机磷阻燃剂研究新进展	蔡哲, 张宏, 贺红武	国家自然科学基金	精细化工中间体	2010-40-4	
44	Hydrothermal Synthesis, Crystal Structure and Fluorescent Property of a Cd(II) Complex Based on Biimidazole and Isonicotinate-N-oxide	毛稳玲, 胡宗球, 丁瑜	国家自然科学基金	结构化学	2010-29-4	SCI
45	Efficient Detection of Organophosphate Pesticide Based on a Metal-Organic Framework Derived from Biphenyl tetracarboxylic Acid	温丽丽, 王锋, 冷晓科, 王成刚, 王涟漪, 龚静鸣, 李东风	国家自然科学基金	Crystal Growth & Design	2010, 10(7), 2835-2838	SCI

46	Non-heme iron(II/III) complexes that model the reactivity of lipoyxygenase with a redox switch	梅伏生 欧春平, 吴桂玲, 曹莉, 韩芳, 孟祥高, 李骥, 李东风, 廖展如	国家自然科学基金	Dalton Transactions	2010, 39, 4267– 4269	SCI
47	Dynamic NMR Study and Detailed <sup>1</sup> H and <sup>13</sup> C Assignments of an ADAR Precursor in Solvent	刘晨琛, 陆良秋, 肖文精, 刘小鹏, 李芳	自选	Applied Magnetic Resonance	2010, 39, 3	SCI
48	Synthesis of aza crown ether modified silver nanoparticles as colorimetric sensor for Ba <sup>2+</sup>	李海兵*, 张亮, 姚瑶, 韩翠平, 金山	国家自然科学基金	Supramolecular chemistry	2010-22-9	SCI
49	Click Synthesis of Podand Triazole-linked Gold Nanoparticles as Highly Selective and Sensitive Colorimetric Probes for Lead (II) Ion	李海兵*, 郑秋玲, 韩翠平	国家自然科学基金	Analyst	2010-135-6	SCI
50	A selective fluorescent probe of Hg <sup>2+</sup> based on 8-oxyquinoline triazole-linked calix[4]arene by click chemistry	田德美, 闫慧娟, 李海兵*	国家自然科学基金	Supramolecular chemistry	2010-22-4	SCI
51	Molecularly imprinted silica nanospheres embedded CdSe quantum dots for highly selective and sensitive optosensing of pyrethroids	李海兵*, 李玉玲, 程靖	国家自然科学基金	Chem. Mater.	2010-22-8	SCI
52	Highly Sensitive and Selective Tryptophan Colorimetric Sensor Based on 4,4-Bipyridine-functionalized Silver Nanoparticles	李海兵*, 李凤英, 韩翠平, 崔志敏, 谢光勇, 张爱青	国家自然科学基金	Sensors and Actuators B	2010-145-1	SCI
53	Metal ions recognition by 1,2,3-triazolium calix[4]arene esters synthesized via click chemistry	李海兵*, 展军颜, 陈明亮, 田德美, 邹志龙	国家自然科学基金	Journal of Inclusion Phenomena and Macrocyclic Chemistry	2010-66-(1-2)	SCI
54	Urea type of fluorescent organic nanoparticles with high specificity for HCO <sub>3</sub> <sup>-</sup> anions	闫慧娟, 李海兵*	国家自然科学基金	Sensors and Actuators B	2010-148-1	SCI
55	Selective and Efficient Magnetic Separation of Pb <sup>2+</sup> via Gold Nanoparticles-based Visual Binding Enrichment	郑秋玲, 韩翠苹, 李海兵*	国家自然科学基金	Chem. Commun.	2010-46-39	SCI
56	Urea-type of ligands modified CdSe quantum dots as a	韩翠平, 崔志敏, 邹志龙, 萨巴	国家自然科学基金	Photochemical &	2010-9-9	SCI

	fluorescence “turn-on” sensor for CO <sub>3</sub> <sup>2-</sup> anions	海提, 田德美, 李海兵 *	科学基金	<i>Photobiological Sciences</i>		
57	Host molecules-coated quantum dots as fluorescent sensors	韩翠平, 李海兵 *	国家自然科学基金	<i>Anal. Bioanal. Chem.</i>	2010-397-4	SCI
58	para-Sulfonatocalix[6]arene-modified Silver Nanoparticles Electrodeposited on Glassy Carbon Electrode: Preparation and Electrochemical Sensing of Methyl Parathion	边颖慧, 李春娅, 李海兵	国家自然科学基金	<i>Talanta</i>	2010-81-3	SCI
59	Visual detection of melamine in infant formula at 0.1 ppm level based on silver nanoparticles	韩翠平, 李海兵 *	国家自然科学基金	<i>Analyst</i>	2010, 135	SCI
60	Synthesis and Fungicidal Activity of Novel Types of Di terpenes	陈雪梅, 田德美, 李海兵 *	国家自然科学基金	有机化学,	2010-30-3	SCI
61	Cooperative Binding of Bi functionalized and Click Synthesized Silver Nanoparticles for Colorimetric Co <sup>2+</sup> Sensing	姚瑶, 田德美, 李海兵 *	国家自然科学基金	<i>ACS Applied materials and interfaces</i>	2010-2-3	SCI
62	聚合物光伏薄膜电池活性材料研究进展	赵丽凤, 李盛彪 *, 苏津津, 孙晖, 龙光斗, 郭能, 黄维	省基金	化工新型材料	2010, 38( 6)	
63	含吸电子基的 PPV共轭聚合物的研究进展	钮春丽, 李盛彪 *, 王兢, 赵丽凤, 杨雄, 龙光斗, 解令海, 黄维	省基金	化工新型材料	2010, 38( 9)	
64	丙烯酸丁酯 / 苯乙烯 / 功能单体多元共聚乳液的合成	董辉, 李盛彪 *, 王绍宗, 倪冶林, 程丽, 段煌, 龙光斗	省基金	胶体与聚合物	2010, 28( 2)	
65	<b>A Temperature-Responsive Nanoreactor</b>	<b>李松军, * Yi Ge, * Ashutosh Tiwari, and Shunsheng Cao</b>	<b>国家自然科学基金</b>	<b>small</b>	<b>2010, 6, 21, 2453- 2459</b>	<b>SCI</b>
66	Cloud point extraction preconcentration and spectrophotometric determination of copper in food and water samples using amino acid as the complexing agent	梁沛, 杨娟	自选	<i>Journal of Food Composition and Analysis</i>	2010, 23(1): 95-99	SCI
67	Determination of silver(I) ion in water samples by graphite furnace atomic absorption spectrometry after preconcentration with dispersive liquid-liquid microextraction	梁沛, 彭丽丽	自选	<i>Microchimica Acta</i>	2010, 168(1): 45-50	SCI

68	Ionic liquid modified silica as sorbent for preconcentration of cadmium prior to its determination by flame atomic absorption spectrometry in water samples	梁沛, 彭丽丽	自选	Talanta	2010, 81(1-2): 673-677	SCI
69	Displacement-dispersive liquid-liquid microextraction coupled with graphite furnace atomic absorption spectrometry for the selective determination of trace silver in environmental and geological samples	梁沛, 张琳琳, 赵娥红	自选	Talanta	2010, 82(3): 993-996	SCI
70	Determination of phthalate esters in soil samples by microwave assisted extraction and high performance liquid chromatography	梁沛, 张琳琳, 彭丽丽, 李茜, 赵娥红	自选	Bulletin of Environmental Contamination and Toxicology	2010, 85(2): 147-151	SCI
71	Dinuclear metal(II) complexes of polybenzimidazole ligands as carriers for DNA delivery	刘梁, 张航, 孟祥高, 殷俊, 李东风, 刘长林 *	国家自然科学基金	Biomaterials	2010-31-6(1 380- 1391)	SCI
72	DNA-Triggered Aggregation of Copper, Zinc Superoxide Dismutase in the Presence of Ascorbate	殷俊, 胡思, 蒋伟, 刘梁, 兰社民, 宋学刚, 刘长林 *	国家自然科学基金	PLoS ONE	2010-5-8, e12328	SCI
73	环境中金属镉的电化学传感器测定方法研究	张莉, 刘国珍	国家自然科学基金	现代电子技术	2010, 19 ( 330) 204-206	
74	Preparation of anionic phosphine ligands in situ for the palladium-catalyzed Buchwald/Hartwig amination reactions of aryl halides	陈磊, 余广鳌, 李芳, 朱晓蕾, 张蓓, 郭锐, 李晓智, 杨启华, 金山, 刘晨晨, 刘盛华	国家自然科学基金	<i>Journal of Organometallic Chemistry</i>	2010, 695, 1768-1775.	SCI
75	Synthesis, Characterization, and Properties of Binuclear Gold(I) Phosphine Alkynyl Complexes	林艳, 尹军, 袁静静, 胡明, 李自永, 余广鳌, 刘盛华	国家自然科学基金	<i>Organometallics</i>	2010, 29, 2808- 2814.	SCI
76	Bimetallic Ruthenium Complexes: Synthesis, Characterization, and the Effect of Appending Long Carbon Chains to Their Bridges	吴相华, 梁晋华, 夏建龙, 金山, 余广鳌, 刘盛华	国家自然科学基金	<i>Organometallics</i>	2010, 29, 1150-1156.	SCI
77	Synthesis and characterization of (C≡C) <sub>n</sub> -bridged (n = 1, 2, 3) heterobimetallic and trimetallic ferrocene- ruthenium complexes	刘芳, 吴相华, 夏建龙, 金山, 余广鳌, 刘盛华	国家自然科学基金	<i>Journal of Organometallic Chemistry</i>	2010, 695, 809- 815.	SCI



78	A novel conjugated [2]rotaxane with an Ru-containing axle constructed from a carboxy-functionalized bis-terpyridyl ruthenium complex and $\alpha$ -cyclodextrin: Synthesis, characterization, and properties	陈刚, 夏建龙, 李自永, 余广鳌, 金山, 刘盛华	国家自然科学基金	<i>Journal of Organometallic Chemistry</i>	2010, 695, 323– 326.	SCI
79	5,8-Dibromo-14,15,17,18-tetramethyl-2,11-dithia-[3.3]paracyclophane	黄淑媛, 王倩倩	国家自然科学基金	<i>Acta Cryst.</i>	2010, E66, o1993	SCI
80	5,8-Dibromo-15,18-dimethoxy-2,11-dithia[3.3]paracyclophane	靳国军, 鲁颖慧	国家自然科学基金	<i>Acta Cryst.</i>	2010, E66, o2144	SCI
81	5,8-Dibromo-2,11-dithia[3,3](2,6)-pyridinoparacyclophane	李思思, 张蓓, 张红林	国家自然科学基金	<i>Acta Cryst.</i>	2010, E66, o2125	SCI
82	6,14-Dibromo-2,11-dithia[3.3]paracyclophane	朱兴训, 胡明	国家自然科学基金	<i>Acta Cryst.</i>	2010, E66, o2123	SCI
83	1-[(2,3,4,5-Pentafluorophenyl)ethynyl]-ferrocene	张婵, 张红林, 戴东东, 梁晋华	国家自然科学基金	<i>Acta Cryst.</i>	2010, E66, m914	SCI
84	5,8-Dibromo-14,17-difluoro-2,11-dithia-[3.3]paracyclophane	郝小伟, 吴迪	国家自然科学基金	<i>Acta Cryst.</i>	2010, E66, o2119	SCI
85	[1,2-Bis(diphenylphosphino)ethane]-chlorido(5-pentamethylcyclopentadienyl)iron(II)dichloromethane solvate	欧亚平, 冯丹, 袁静静	国家自然科学基金	<i>Acta Cryst.</i>	2010, E66, m921	SCI
86	Two three-dimensional networks in two polymorphs of biphenyl-4,4'-diaminium bis(3-carboxy-4-hydroxybenzenesulfonate) dihydrate	尹文星, 黄学英, 徐星满, 孟祥高	自选	ACTA Cryst C	2010, C66, O508-o512	SCI
87	1,2,4-triazolium 3-carboxy-4-hydroxybenzenesulfonate 1,2,4-triazole disolvate	邱明强	自选	ACTA Cryst E	2010, E66 O2029-U1298	SCI
88	利用串联的氮杂 Wittig 反应方便合成 3-取代吡啶(噻唑)甲基]-1,2,3-三唑 [4,5-d噻唑-7 酮及其除草活性	肖琳霞, 石德清	国家自然科学基金	有机化学	2010-30-1	SCI
89	Synthesis, Crystal Structure, and Herbicidal	唐武, 余治华, 石德清	国家自然科学基金	Heteroatom	2010-21-3	SCI

	Activity of Pyrimidinyl Benzylamine Analogues Containing a Phosphonyl Group		科学基金	Chemistry		
90	Synthesis, Crystal Structure and Herbicidal Activity of O,O-Diethyl-N-[2-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yloxy)-benzoxyl]-1-amino-benzyl phosphonate	唐武, 石德清	国家自然科学基金	结构化学	2010-29-5	SCI
91	Synthesis and Herbicidal Activity of O,O-Dialkyl N-[2-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yloxy)benzoxyl]-1-amino-1-substitutedbenzyl Phosphonates	唐武, 石德清	国家自然科学基金	J. Heterocyclic Chem.	2010-47-1	SCI
92	Synthesis and Herbicidal Activity of -Amino Phosphonate Derivatives Containing Thiazole and Pyrazole Moieties	余治华, 石德清	国家自然科学基金	Phosphorus, Sulfur, and Silicon and the Related Elements	2010-185-8	SCI
93	Synthesis and Herbicidal Activity of Novel Pyrimidinyl Derivatives Containing an -Amino Phosphonate Moiety	余治华, 石德清	国家自然科学基金	Phosphorus, Sulfur, and Silicon and the Related Elements	2010-185-11	SCI
94	Synthesis and Herbicidal Activity of -hydroxy Phosphonate Derivatives Containing Pyrimidine Moiety	宋红, 毛会玉, 石德清	国家自然科学基金	中国化学	2010-28-10	SCI
95	Synthesis and Herbicidal Activity of o,o-diethyl-N-{4-methyl-[1,2,3]thiadiazole-5-carbonyl}-1-amino-1-substitutedbenzyl phosphonates	唐武, 余治华, 石德清	国家自然科学基金	Phosphorus, Sulfur, and Silicon and the Related Elements	2010-185-20 24	SCI
96	新型 N-(5-烷基-1,3,4-噻二唑-2-基)-1-(杂芳基)甲	陈小保, 石德清	国家自然科学基金	有机化学	2009-29-7	SCI

	基 ]-5-甲基 -1H-1,2,3-三唑基 -4-甲酰胺的合成与生物活性		科学基金			
97	Synthesis and Biological Activities of O-Alkyl, O-Aryl, O-{Z-[1-Phenyl-2-(1H-1,2,4-triazol-1-yl)ethylidene]amino} Phosphorothioates	蒙柳, 石德清	国家自然科学基金	Phosphorus, Sulfur, and Silicon and the Related Elements	2009-184-9	SCI
98	Structure-Based Rational Screening of Novel Hit Compounds with Structural Diversity for Cytochrome P450 Sterol 142 -Demethylase from <i>Penicillium digitatum</i>	张青叶, 李定, 魏佩, 万坚*, 任彦亮, 陈志刚, 刘德立, 喻子牛, 冯玲玲*	国家自然科学基金	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2010-50-317-325	SCI
99	Study on a new method for the preparation of nano-ceria powder of high thermal stability	王峰云, 钟国斌, 罗时军, 王长玲, 郝啸, 李仕源, 温芳博	自选	Journal of Materials Science and Engineering with Advanced Technology	2010-1-1	SCI
100	Synthesis and X-ray Crystal Structure of a Methylene-bridged Glycoluril Dimer	余能芳, 吴彦东, 孙静静, 吴安心*	国家自然科学基金	Chinese J. Struct. Chem.	2010-29-47	SCI
101	Nanotubular non-covalent macrocycle within non-covalent macrocycle assembly: (MeCH) <sub>12</sub> encapsulated in a molecular clip cyclododecamer	曹利平, 孟祥高, 丁骄阳, 陈云峰, 高蒙, 吴彦东, 李义涛, 吴安心*, Lyle Isaacs*	国家自然科学基金	Chemical Communication	2010-46-4508	SCI
102	Formation of Unsymmetrical 1,4-Enediones via A Focusing Domino Strategy: Cross-Coupling of 1,3-Dicarbonyl Compounds and Methyl Ketones or Terminal Aryl Alkenes	高蒙, 杨雁, 吴彦东, 邓聪, 曹利平, 孟祥高, 吴安心*	国家自然科学基金	ORGANIC LETTERS	2010-12-1856	SCI
103	An Efficient Synthesis of Hydantoins via Sustainable Integration of Coupled Domino	高蒙, 杨雁, 吴彦东, 邓聪, 舒文明, 张冬雪, 曹利平, 余能芳, 吴	国家自然科学基金	ORGANIC LETTERS	2010-12-4026	SCI

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104	New fluorescent probes based on supramolecular diastereomers for the detection of 2-nitrophenol	李琳, 孙一翀, 王帅, 邱明强, 吴安心 *	国家自然科学基金	Talanta	2010-81-1643	SCI
105	Colorimetric Fluoride Sensor Based on a Bisthiourea Functionalized Molecular Clip	曹利平, 丁骄阳, 王军刚, 陈炎, 高蒙, 薛伟剑, 吴安心 *	国家自然科学基金	SYNLETT	2010-17-2553	SCI
106	Novel molecular clip: synthesis, structure and encapsulation of small solvent molecule in the crystal state	丁骄阳, 陈炎, 王军刚, 吴安心, 曹利平 *	国家自然科学基金	JOURNAL OF CHEMICAL RESEARCH	2010--246	SCI
107	Diethyl 2-tert-butyl-4,11-dioxo-2,3-dihydro-cis-1H,5H,10H-2,3a,4a,10a,11apentaazabenzof[1,7-ij]-azulene-11b,11c-dicarboxylate	祝艳平, 孙一翀, 邱明强 *	自选	Acta Crystallographica Section E	2010--E66	SCI
108	8b,8c-Diphenyl-2,6-bis(4-pyridylmethyl)-perhydro-2,3a,4a,6,7a,8a-hexaazacyclopenta[def]fluorene-4,8-dithione chloroform solvate	邓聪, 舒文明, 张冬雪	自选	Acta Crystallographica Section E	2010--E66	SCI
109	2,2',6,6'-Tetraethyl-4,4'-methylenedibenzonitrile	袁晶晶, 祝艳平	自选	Acta Crystallographica Section E	2010--E66	SCI
110	Diethyl 7,8,18,19-tetramethyl-2,13-dioxohexacyclo[10.10.2.0 <sup>3,24</sup> .0 <sup>5,10</sup> .0 <sup>14,23</sup> .0 <sup>16,21</sup> ]-tetracosane-5,7,9,16,18,20-hexaene-23,24-dicarboxylate	王军刚, 向嘉城, 曹利平 *	自选	Acta Crystallographica Section E	2010--E66	SCI
111	3,6,14,17-Tetramethoxy-22,23-diphenyl-1,10,12,21-tetraazahexacyclo-[19.2.1.0 <sup>2,7</sup> .0 <sup>10,23</sup> .0 <sup>2,22</sup> .0 <sup>13,18</sup> ]tetracosane-2(7),3,5,13(18),14,16-hexaene-11,24-dithione	杨雁	自选	Acta Crystallographica Section E	2010--E66	SCI
112	2,7-Bis(prop-2-yn-1-yloxy)naphthalene	薛伟剑 *, 鲁慧, 庞韬	自选	Acta Crystallographi	2010--E66	SCI

				ca Section E		
113	2-(Dimethylamino)anthraquinone	费转, 蔡群, 李琳 *	自选	Acta Crystallographica Section E	2010--E66	SCI
114	生物质气化过程中焦油形成机理的研究	吴正舜, 米铁, 陈义峰, 李学慧	国家自然科学基金项目与973项目	太阳能学报	2010-31-2	EI
115	Microwave-Assisted, Palladium-Catalyzed Carbonylative Cyclization-Rapid Synthesis of 2-Quinolones from Unprotected 2-Iodoanilines and Terminal Alkynes	陈加荣, 廖洁, 肖文精	国家自然科学基金	Canadian Journal of Chemistry	2010, 88, 331	SCI
116	Highly Enantioselective Michael Addition of Aldehydes to Nitroolefins Catalyzed by Primary Amine Thiourea Organocatalysts	陈加荣, 邹有全, 付亮, 任帆, 谭芬, 肖文精	国家自然科学基金	Tetrahedron	2010, 66, 5367	SCI
117	An Enantioselective Approach to Highly Substituted Tetrahydrocarbazoles through Hydrogen Bonding-Catalyzed Cascade Reactions	汪绪凡, 曹宜菊, 程鸿刚, 陈加荣, 肖文精	国家自然科学基金	Org. Lett.	2010, 12, 1140	SCI
118	Tuning Electronic and Steric Effects: Highly Enantioselective [4+1] Pyrroline Annulation of Sulfur Ylides with $\alpha,\beta$ -Unsaturated Imines	陆良秋, 章冀冀, 李芳, 程莹, 安静, 陈加荣, 肖文精	国家自然科学基金	Angew. Chem. Int. Ed.	2010, 49, 4495	SCI
119	Highly Efficient Route to Functionalized Tetrahydrocarbazoles Using a Tandem Cross-Metathesis/Intramolecular-Hydroarylation Sequence	安晓蕾, 李常峰, 张福根, 邹有全, 郭盈岑, 陈加荣, 肖文精	国家自然科学基金	Chemistry – An Asian Journal	2010, 5, 2258	SCI
120	Convenient Synthesis of Tetrahydro- $\beta$ -carbolines and Tetrahydroquinolines through a Chemo- and Regioselectivity Switch by a Brønsted Acid Catalyzed, One-Pot, Multicomponent Reaction	程鸿刚, 陈才宝, 谭芬, 常宁杰, 陈加荣, 肖文精	国家自然科学基金	European Journal of Organic Chemistry	2010, 26, 4976	SCI
121	Organocatalytic Asymmetric Sulfa-Michael/Michael Addition Reactions: A Strategy for the Synthesis	汪绪凡, 华球林, 程莹, 安晓蕾, 阳青青, 陈加荣, 肖文精	国家自然科学基金	Angew. Chem. Int. Ed.	2010, 49, 8379	SCI

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122	Enantioselective Conjugate Addition of Oximes to Trisubstituted $\alpha$ -Nitroacrylates: An Organocatalytic Approach to $\alpha$ , $\beta$ -Amino Acid Derivatives	张福根, 阳青青, 宣俊, 陆海华, 段淑雯, 陈加荣, 肖文精	国家自然科学基金	Org. Lett.	2010, 12, 5636	SCI
123	Novel Thiourea-Amine Bifunctional Catalysts for Asymmetric Conjugate Addition of Ketones/Aldehydes to Nitroalkenes: Rational Structural Combination for High Catalytic Efficiency	陈加荣, 曹宜菊, 邹有全, 谭芬, 付亮, 朱晓宇, 肖文精	国家自然科学基金	Org. Biomol. Chem.	2010, 8, 1275	SCI
124	High-performance liquid chromatographic Determination of Hexanal and Heptanal in Human Blood by ultrasound-assisted headspace liquid-phase microextraction with in-drop derivatization	徐晖*, 吕丽丽, 胡胜, 宋丹丹	国家自然科学基金	J. Chromatogr. A	2010, 1217(16), 2371-2375	SCI
125	Analysis of volatile aldehyde biomarkers in human blood by derivatization and dispersive liquid-liquid microextraction based on solidification of floating organic droplet method then high performance liquid chromatography	吕丽丽, 徐晖*, 宋丹丹, 崔艳芳, 胡胜, 张干兵	国家自然科学基金	J. Chromatogr. A	2010, 1217(16), 2365-2370	SCI
126	Subnanomolar Inhibitor of Cytochrome bc <sub>1</sub> Complex Designed by Optimizing Interaction with Conformationally Flexible Residues	赵培亮, Le Wang, 朱晓磊, Xiaoqin Huang, 湛昌国, 吴嘉炜, 杨光富	国家自然科学基金	J. Am. Chem. Soc.	2010, 132, 185-194	sci
127	Syntheses and herbicidal activity of new triazolopyrimidine-2-sulfonamides as acetohydroxyacid synthase inhibitor	陈超南, 陈琼, 刘玉超, 朱晓磊, 牛聪伟, 席真, 杨光富	国家自然科学基金	Bioorganic & Medicinal Chemistry	2010(18), 4897-4904	sci
128	Design, Synthesis, and 3D-QSAR Analysis of Novel 1,3,4-Oxadiazol-2(3H)-ones as Protoporphyrinogen Oxidase Inhibitors	江黎黎, 谭英, 朱晓磊, 王志芳, 左炆, 陈琼, 席真, 杨光富	国家自然科学基金	J. Agric. Food Chem	2010, 58, 2643-2651	sci

129	Design, syntheses and 3D-QSAR studies of novel N-phenyl pyrrolidin-2-ones and N-phenyl-1H-pyrrol-2-ones as protoporphyrinogen oxidase inhibitors	张莉, 谭英, 王能学, 吴琼友, 席真, 杨光富	国家自然科学基金	Bioorganic & Medicinal Chemistry	2010( 18) , 7948– 7956	sci
130	Computational Mutation Scanning and Drug Resistance Mechanisms of HIV-1 Protease Inhibitors	郝格非, 杨光富, 湛昌国	国家自然科学基金	J. Phys. Chem. B	2010, 114, 9663– 9676	sci
131	The Role of Phe82 and Phe351 in Auxin-Induced Substrate Perception by TIR1 Ubiquitin Ligase: A Novel Insight from Molecular Dynamics Simulations,	郝格非, 杨光富	国家自然科学基金	PLoS ONE	2010, 5( 5) , e10742	sci
132	Free Energy Perturbation Simulation on Transition States and High-Activity Mutants of Human Butyrylcholinesterase for (-)-Cocaine Hydrolysis	杨文超, 潘咏梅, 方磊, 高大全, 郑芳, 湛昌国	国家自然科学基金	J. Phys. Chem. B	2010, 114, 10889– 10896	sci
133	Synthesis and Biological Activity of Novel Phenyltriazolinone Derivatives	吴琼友, 王国栋, 黄绍维, 林龙, 杨光富	国家自然科学基金	molecules	2010, 13,9024-9034	sci
134	一种结构新颖的苯并噻唑硫醚类化合物的合成及杀菌活性	赵培亮, 王福, 黄伟, 陈琼, 刘祖明	国家自然科学基金	有机化学	2010, 30(10), 1567-1573	sci
135	Structural Assignment of 6-Oxy Purine Derivatives through Computational Modeling, Synthesis, X-ray Diffraction, and Spectroscopic Analysis	赵新筠, 陈喜, 杨光富, 湛昌国	国家自然科学基金	J. Phys. Chem. B	2010, 114, 6968-6972	SCI
136	磷酸二酯酶 2 (PDE2) 结构及其选择性抑制剂的研究进展	赵新筠, 陈喜, 湛昌国	国家自然科学基金	有机化学	2009, 29(2), 159-165.	SCI
137	Surface Plasmon Coupling Effect of Gold Nanoparticles with Different Shape and Size on Conventional Surface Plasmon Resonance Signal	Damra E. Mustafa, 杨天鸣, 周绚, 陈世桢, 涂海洋, 张爱东	国家自然科学基金	Plasmonics	(2010) 5:221– 231	SCI
138	The effect of pH on the formation of aroma compounds produced by heating a model system containing L-ascorbic acid with L-threonine/L-serine	余爱农, 张爱东	国家自然科学基金	Food Chemistry	119 (2010) 214– 219	SCI
139	Aroma compounds generated from thermal reaction of	余爱农, 张爱东	国家自然科学基金	Food Chemistry	121 (2010)	SCI

	L-ascorbic acid with L-cysteine		科学基金		1060- 1065	
140	N-苯胺酰基-N-(3-取代苯基异噻唑-5-基羰基)赖氨酸类化合物的合成及其除草活性研究	胡德金; 刘素芳; 黄统辉; 涂海洋; 李伟国; 朱晓磊; 张爱东;	国家自然科学基金	有机化学	2010, 30 (9), 1366~1371	SCI
141	Efficient Visible Light Photocatalytic Oxidation of NO on Aerosol Flow Synthesized Nanocrystalline InVO <sub>4</sub> Hollow Microspheres	艾智慧, 张礼知*, 李顺诚*	国家自然科学基金	J. Phys. Chem. C	2010, 114, 18594-18600.	SCI
142	Facile Microwave-Assisted Synthesis and Magnetic and Gas Sensing Properties of Fe <sub>3</sub> O <sub>4</sub> Nanoroses	艾智慧, 邓克俭, 万钱芬, 张礼知*, 李顺诚	国家自然科学基金	J. Phys. Chem. C	2010, 114, 6237-6242	SCI
143	One-Pot Template-Free Synthesis, Formation Mechanism, and Lithium Ions Storage Property of Hollow SnO <sub>2</sub> Microspheres	肖莉芬*, 李建平, 李巧, 张礼知	国家自然科学基金	J. Solid State Electrochem.	2010, 14, 931-936	SCI
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146	Electronic and Band Structure Tuning of Ternary Semiconductor Photocatalysts by Self Doping: the Case of BiOI	张喜, 张礼知*	国家自然科学基金	J. Phys. Chem. C	2010, 114, 18198-18206	SCI
147	Selective Nonaqueous Synthesis of C-Cl-Codoped TiO <sub>2</sub> with Visible Light Photocatalytic Activity	许华, 张礼知*	国家自然科学基金	J. Phys. Chem. C	2010, 114, 11534-11541	SCI
148	First Observation of Visible Light Photocatalytic Activity of Carbon Modified Nb <sub>2</sub> O <sub>5</sub> Nanostructures	葛素香, 贾会敏, 赵晓红, 郑直*, 张礼知*	国家自然科学基金	J. Mater. Chem.	2010, 20, 3052-3058	SCI
149	Controllable One-Pot Synthesis and Enhanced Visible Light Photocatalytic Activity of Tunable C-Cl-Codoped TiO <sub>2</sub> Nanocrystals with High Surface Area	许华, 张礼知*	国家自然科学基金	J. Phys. Chem. C	2010, 114, 940-946	SCI
150	Design of an Electro-Fenton System with a Novel Sandwich Film Cathode for Wastewater Treatment	范艳, 艾智慧*, 张礼知*	国家自然科学基金	J. Hazad. Mater.	2010, 176, 678-684.	SCI
151	Research on the Integration of Information Technology and the Chemical Instructional Skill	张文华		2010 2nd International	2010-978-1	EI Compendex



	Curriculum to Undergraduates			Conference on Education Technology and Computer		
152	The Environment Education in the New Chemistry Curriculum of Senior High School in China	叶依丛, 邓阳, 张文华	自选	2010 The 2nd Conference on Environmental Science and Information Application Technology	2010-978-1	EI Compendex
153	Effects of co-existed proteins on measurement of pesticide residues in blood by gas chromatography–mass spectrometry	岳迎霞, 李伦, 董凛杰, 董庆建, 钟鸿英 *	湖北省自然科学基金重点、省农药检测平台、教育部创新团队	Journal of Chromatography B	2010, 878, 3089-3094	SCI
154	QSAR studies of a diverse series of antimicrobial agents against <i>Candida albicans</i> by classification and regression trees	谭诗淼, 焦健, 朱晓磊, 周燕平 *, 宋丹丹, 龚红, 俞汝勤	自选	Chemometrics and Intelligent Laboratory Systems	2010-103-2	SCI
155	LiCoO <sub>2</sub> cathode thin film fabricated by RF sputtering for lithium ion microbatteries	朱先军, Zaiping Guo, Guodong Du, Peng Zhang, Huakun Liu	自选	Surface & Coatings technology	204 (2010) 1710 – 1714	SCI
156	Three-dimensional reticular tin – manganese oxide composite anode materials for lithium ion batteries	朱先军, Z.P. Guo, P. Zhang, G.D. Du, C.K. Poh, Z.X. Chen, S.Li, H.K. Liu	自选	Electrochimica Acta	2010, 55, 4982– 4986.	SCI
157	A Mild Catalytic Oxidation System: Ruthenium Porphyrin and 2,6-Dichloropyridine N-Oxide	胡文祥, 李培荣, 蒋高喜, 支志明, 陈建	国家自然科学基金	Adv. Synth. Catal.	2010, 352, 3190-3194	SCI

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158	Quantum Dot-Based Immunochromatographic Fluorescent Biosensor for Bimnitoring Trichloropyridinol, a Biomarker of Exposure to Chlorpyrifos.	邹哲祥, 牡丹等	国家自然 科学基金	Anal. Chem.	2010, 82, 5125- 5133.	SCI
159	Rhodamine-based ratiometric fluorescence sensing for the detection of mercury(II) in aqueous solution.	刘海珠, 余平, 牡丹*, 何春艳, 邱彬, 陈曦*, 陈国南*	国家自然 科学基金	Talanta	2010, 81, 433- 437.	SCI
160	含 NO 五齿配体的一维铜配位聚合物的合成、晶体结构与生物活性	罗飞华, 胡宗球, 杨莉, 张萍, 刘丹	国家自然 科学基金	无机化学学报	2010-26-4	SCI
161	Reversible Thermally and Photoinduced Electron Transfer in a Cyano-Bridged {Fe <sub>2</sub> Co <sub>2</sub> } Square Complex	Yuanzhu Zhang, 李东风等	国家自然 科学基金	Angew. Chem. Int. Ed.	2010, 49, 3752-3756	SCI
162	First Structurally Characterized Tricyanomanganate(III) and its Magnetic {M <sup>III</sup> <sub>2</sub> M <sup>I</sup> <sub>2</sub> } Complexes (M <sup>I</sup> = Mn, Ni)	Minao Tang, 李东风等	国家自然 科学基金	Inorg. Chem.	2010, 49, 4753-4755	SCI
163	Synthesis and Structures of Two Ba(II) Metal-Organic Frameworks Based on Pyridine-2,6-Dicarboxylic Acid N-Oxide	温丽丽, 汪芳明, 冷晓科, 汪苗苗, 孟庆金, 朱慧珍	国家自然 科学基金	<i>Journal of Inorganic and Organometallic Polymers and Material,</i>	2010, 20(2), 313-319.	SCI
164	Determination of Trace Heavy Metals in Human Teeth by Inductively Coupled Plasma Optical Emission Spectrometry After Preconcentration With Immobilized Nanometer Titanium Dioxide	张春燕, 梁沛	自选	Atomic Spectroscopy	2010, 31(2): 56-60	SCI
165	Two-Photon Absorption Property of a Conjugated Polymer: Influence of Solvent and Concentration on Its Property	王宏里; 李振; 邵频; 秦金贵; 黄振立	自选	J. Phys. Chem. B	2010, 114, 22	SCI
166	[Cd <sub>2</sub> (tren) <sub>2</sub> (dl-alaninato)](ClO <sub>4</sub> ) <sub>3</sub> : an efficient water-compatible Lewis acid	邓冬生, 刘萍, 吉保明, 王莉*, 付伟军	自选	Tetrahedron Letters	2010, 51, 5567- 5570	SCI

	catalyst for chemo-, regio-, and diastereo-selective allylation of various aldehydes					
167	Photocatalytic removal of NO and HCHO over nanocrystalline Zn <sub>2</sub> SnO <sub>4</sub> microcubes for indoor air purification	艾智慧, Shuncheng Leea, Yu Huang, Wingkei Hoa, 张礼知	自选	Journal of Hazardous Materials	2010, 179, 141-150.	SCI