

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	Tetrahedron	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	Eur. J. Org. Chem.	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	Synth. Commun.	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	Synth. Commun.	2010, 40, 1985-1991.	SCI

Efficient Synthesis of Benzothieno[3,2-d]-imidazo
19 [1,2-a]pyrimidine-2,5-(1H, 3H)-dione (36-15.818(d)22.727(io72b73.28 eT72b73.28 eT72b73.28 eT72b7e(ieno/8.24 TD [()]TJ ETQ BT 10.56 0 0 10.56 0 0 Tm /F4 1 Tf))TJ 4.

	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

	for detection of organophosphates pesticide.					
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 Garcinia xanthochymus 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			

			支撑计划			
38	光学活性 α -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 lipoygenase 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 ¹ H and ¹³ 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 ²⁺	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 ²⁺ 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 ₃ ⁻ anions	闫慧娟, 李海兵*	国家自然科学基金	Sensors and Actuators B	2010-148-1	SCI

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李凤英 1.68 595.2 1 h W*058.182(1.68 595.2 1 h f785.04 .c.+0.48 3N22.727(a^s))TJ 15.386 -0.727 TD [(Vyl[eq6])TJ 0 -1.43t455(gh)227.455(s)]E 4,4-BipyrNO455roien.1

	fluorescence “turn-on” sensor for CO ₃ ²⁻ 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 ²⁺ 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	A Temperature-Responsive Nanoreactor	李松军, * Yi Ge, * Ashutosh Tiwari, and Shunsheng Cao	国家自然科学基金	small	2010, 6, 21, 2453- 2459	SCI
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) _n -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 α -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
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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

	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			
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Compounds with Structural Diversity for Cytochrome P450 Sterol 142 -Demethylase from *Penicillium digitatum*

98 P450 Sterol 142 -Demethylase from *Penicillium digitatum*

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Surface Plasmon Coupling Effect of Gold Nanoparticles with Diffex0

206.4 00.56 0 0 Tm /F6 1 Tf 0 0 0 sc h4.818(G)pe and)-17.455(d)22.727(Na)-ne°{` ,ent.727(op)22-17.455(d)al S7.455(it)u7.455(d)h Gold-28205[(-)-17.455(d)an e]13]TJ OS72

	L-ascorbic acid with L-cysteine		科学基金		1060- 1065	
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