

2009 年化学学院发表论文

序号	论文名称	作者	任务来源	期刊名称	年 - 卷 - 期	论文级别
1	Acetylcholinesterase Biosensor Based on Gold Nanoparticles and Cysteamine Self Assembled Mbnolayer for Detemination of Mbnocrotophos.	牡丹 ,陈雯娟 ,蔡捷 ,张建明 ,涂海洋 ,张爱东	国家自然科学基金	J.Nanosci . Nanotechnol .	2009-9-2368-2373.	SCI
2	Bimonitoring of Organophosphorus Agent Exposure by Reactivation of Cholinesterase Enzyme Based on Carbon Nanotube-Enhanced Flow-Injection Amperometric Detection	杜 丹 ,王 军 , Jordan N. Smith, Charles Timchalk	国家自然科学基金	Anal. Chem.	2009-81-9314- 9320	SCI
3	Self-assembled Chitosan Nanotemplates for Biomineralisation of Controlled Calcite Nano-architectures	龚静鸣,周振基,胡先罗,王明强,王家伟	国家自然科学基金	ACS Applied Materials & Interfaces	2009-1-26-29	SCI
4	Colorimetric detection of pollutant aromatic amines isomers with p-sulfonatocalix[6]arene modified gold nanoparticles	韩翠苹,曾丽霖,李海兵*,谢光勇	国家自然科学基金	Sensors and Actuators B: Chemical	2009-137-704	SCI
5	Ratiometric fluorescent determination of cysteine based on organic nanoparticles of naphthalene-thiourea-thiadiazole linked molecule	李海兵*,徐静,阎慧娟	国家自然科学基金	<i>Sensors and Actuators B</i>	2009-139-483	SCI
6	Selective molecular recognition of polycyclic aromatic hydrocarbons using CdTe quantum dots with cyclodextrin as supramolecular nano-sensitizers in water	屈凤阁,李海兵*	国家自然科学基金	Sensors and Actuators B	2009-135-499	SCI
7	Glutathione-modified silver nanoparticles as colorimetric sensor for Ni ²⁺ ion	李海兵*,崔志敏,韩翠苹	武汉市晨光计划	Sensors and Actuators B	2009-143-87	SCI

8	Selective colorimetric sensing of histidine in aqueous solutions using cysteine-modified silver nanoparticles in the presence of Hg ²⁺	李海兵 * ,边颖慧	国家自然科学基金	Nanotechnology	2009-20-145502	SCI
9	Highly Selective and Sensitive Colorimetric Probes for Yb ³⁺ Ions Based on Supramolecular Aggregates Assembled from β -Cyclodextrin-4, 4'-Dipyridine Inclusion Complex Modified Silver Nanoparticles	韩翠苹 ,张亮 ,李海兵 *	国家自然科学基金	<i>Chem. Commun.</i>	2009-3545- 3547	SCI
10	Triazole-ester modified silver nanoparticles: click synthesis and Cd ²⁺ colorimetric sensing	李海兵 * ,姚瑶 ,韩翠苹 展军颜	国家自然科学基金	<i>Chem. Commun.</i>	2009-4812	SCI
11	Ratiometric fluorescent mercuric sensor based on thiourea-thiadiazole-pyridine linked organic nanoparticles	李海兵 * ,阎慧娟	国家自然科学基金	<i>J. Phys. Chem. C</i>	2009-113-7526	SCI
12	Determination of Stereoselective Interaction between Enantiomers of chiral <i>N</i> -Aryl-1 <i>H</i> -1,2,4-triazole derivatives and penicillium digitatum	曹秀芳 ,胡明 ,张洁 ,李菲 ,杨玉红 ,刘德立 ,刘盛华	国家自然科学基金	<i>J. Agric Food Chem</i>	2009-57-6914	Sci
13	Rhodobacter sphaeroides by a Combined Theoretical Study of Absorption and Circular Dichroism Spectra	任彦亮 ,柯微 ,李永健 ,冯玲玲 ,万坚 * ,徐昕 *	国家自然科学基金	<i>J. Phys. Chem. B</i>	2009-113-10055-10058	SCI
14	Structures, Photoluminescence, and Photocatalytic Properties of Six New Metal-Organic Frameworks Based on Aromatic Polycarboxylate Acids and Rigid Imidazole-Based Synthons	温丽丽 * ,王锋 ,冯娟 ,吕康乐 ,王成刚 ,李东风 *	国家自然科学基金	<i>Crystal Growth & Design</i>	2009-9-8	SCI
15	Sensor for Nitrophenol Based on a Fluorescent Molecular Clip	余能芳 ,高蒙 ,曹利平 ,吴安心 * ,Lyle Isaacs*	国家自然科学基金	ORGANIC LETTERS	2009-11-12	SCI

16	Novel and Direct Transformation of Methyl Ketones or Carbinols to Primary	曹利平, 丁骄阳, 高蒙, 王治国, 李娟, 吴安心 *	国家自然科学基金	ORGANIC LETTERS	2009-11-17	SCI
17	Supramolecular Rhombic Grids Formed from Bimolecular Building Blocks	余能芳, 高蒙, 孟祥高, 杨光富, Johannes A. A. W. Elemans, 吴安心 *, Lyle Isaacs*	国家自然科学基金	Journal of the American Chemical Society	2009-131-33	SCI
18	Solvent Effect on Pseudopolymorphism of Hemicyclohexylcucurbit[6]uril	李义涛, 李琳, 祝艳平, 孟祥高, 吴安心 *	国家自然科学基金	Crystal Growth & Design	2009-9-10	SCI
19	Enantioselective Michael Reactions of , -Disubstituted Nitroalkenes: A New	陆海华, 张福根, 孟祥高, 段淑文, 肖文精	国家自然科学基金	ORGANIC LETTERS	2009-11-3946	SCI
20	Catalytic Asymmetric Intramolecular Hydroarylations of -Aryloxy- and	陆海华, 刘惠, 吴为, 汪绪凡, 陆良秋, 肖文精	国家自然科学基金	Chem. Eur. J.	2009-15-2742	SCI
21	Highly enantioselective organocatalytic Michael addition of nitroalkanes	陆海华, 汪绪凡, 姚长江, 张建明, 吴宏, 肖文精	国家自然科学基金	Chem. Commun.	2009-4251	SCI
22	Construction of Fused Heterocyclic Architectures by Formal	陆良秋, 李芳, 安静, 章骥骥, 安晓蕾, 华球林, 肖文精	国家自然科学基金	Angew. Chem. Int. Ed.	2009-48-9542	SCI
23	Conformational and dynamics simulation study of antimicrobial peptide hedistin—heterogeneity of its helix—turn—helix motif	徐国华, 吴敏, 王琳, 张许, 曹淑芬, 刘买利, 崔艳芳 *	国家自然科学基金	Biochimica et Biophysica Acta (BBA) - Biomembranes	2009-1788-12	SCI

24	New efficient synthesis of 4-aminocarbonyl substituted 4 <i>H</i> -3,1-benzoxazines by a Passerini 3CC/Staudinger/aza-Wittig sequence	和平,武静,聂熠博,丁明武	国家自然科学基金及教育部重点项目	<i>Tetrahedron</i>	2009-65-8563-8570	SCI
25	New Efficient Synthesis of 5-Ethoxyoxazoles and Oxazolo[3,2- <i>c</i>]quinazolines via aza-Wittig Reaction	黄年玉,聂熠博,丁明武	国家自然科学基金及教育部重点项目	<i>Synlett</i>	2009-611-614	SCI
26	Efficient Regioselective Synthesis of Indole N-Carboximidamides and N-Carboximidoates by a Sequential aza-Wittig/Ag(I)-catalyzed Cyclization	黄年玉,刘明国,丁明武	国家自然科学基金及教育部重点项目	<i>J. Org. Chem.</i>	2009-74-6874-6877	SCI
27	Efficient synthesis and biological evaluation of 1,2,9-trisubstituted 1,9-dihydro-6 <i>H</i> -purin-6-ones	黄年玉,梁永钜,丁明武,符立梧,贺红武	国家自然科学基金	Bioorganic & Medicinal Chemistry Letters	2009-19-3	SCI
28	Efficient synthesis and biological evaluation of 1,2,9-trisubstituted 1,9-dihydro-6 <i>H</i> -purin-6-ones	黄年玉,梁永巨,丁明武,符立梧,贺红武	国家自然科学基金及教育部重点项目	<i>Bioorg. Med. Chem. Lett.</i>	2009-19- 831-833	SCI
29	One-Step Fabrication of Three-Dimensional Porous Calcium Carbonate-Chitosan Composite Film as the Immobilization Matrix of Acetylcholinesterase and Its Biosensing on Pesticide	龚静鸣,刘婷,宋丹丹,张礼知	国家自然科学基金	Electrochem. Commun.,	2009-11-1873-1876	SCI
30	Stripping Voltammetric Analysis of Organophosphate Pesticides Using Ni/Al Layered Double Hydroxides as Solid-phase Extraction	龚静鸣,王涟漪,宋丹丹,朱晓雷,张礼知	国家自然科学基金	Biosensors & Bioelectronics	2009-25-493-496	SCI

31	Electrochemical Biosensing of Methyl Parathion Pesticide Based on Acetylcholinesterase Immobilized onto Au-polypyrrole Interlaced Network-like Nanocomposite	龚静鸣, 王涟漪, 张礼知	国家自然科学基金	Biosensors & Bioelectronics	2009-24-2285-2288	SCI
32	A Facile Synthesis and Biological Activity of Novel Tetrahydrobenzo[4',5']thieno[3',2':5,6]pyrido[4,3-d]pyrimidin-4(3H)-ones	任青云, 梁永钜, 贺红武, 符立梧, 顾玉成	国家自然科学基金	Bioorganic & Medicinal Chemistry Letters	2009-19	SCI
33	Isothermal Syntheses and Crystal Structures of Two 1D Inorganic-Organic Hybrid Frameworks	王锋, 邓克俭, 赖光艳, 曹莉, 温丽丽*, 李东风*	国家自然科学基金	Journal of Inorganic and Organometallic Polymers and Materials	2009-19-494-500	SCI
34	Syntheses and Crystal Structures of Two Inorganic-Organic Hybrid Frameworks Constructed from Pyridine-2,5-Dicarboxylic Acid	王冬娥, 田正芳, 王锋, 温丽丽*, 李东风*	国家自然科学基金	Journal of Inorganic and Organometallic Polymers and Materials	2009-19-196-201	SCI
35	Structures, photoluminescence and photocatalytic properties of three new metal-organic frameworks based on non-rigid long bridges	王冬娥, 邓克俭, 吕康乐, 王成刚, 温丽丽*, 李东风*	国家自然科学基金	CrystEngComm	2009-11-1442-1450P	SCI Wu et al. CrystEngComm 2009, 9, 1442-1450

39	Dispersive liquid-liquid microextraction preconcentration of palladium in water samples and determination by graphite furnace atomic absorption spectrometry	梁沛, 赵娥红, 李凤	自选	Talanta	2009-77-5	SCI
40	Determination of platinum and palladium in geological samples by inductively coupled plasma-atomic emission spectrometry after preconcentration with immobilised nanometric titanium dioxide	梁沛, 赵娥红, 刘蕊	自选	Geostandards and Geoanalytical Research	2009-33-1	SCI
41	Nucleic acid induced protein aggregation and its role in biology and pathology	殷俊, 陈睿智, 刘长林	国家自然科学基金	Frontiers in Bioscience	2009-14-5084-5106,	SCI
42	DNA hydrolytic cleavage catalyzed by synthetic multinuclear metallo-nucleases	刘长林, 王莉	国家自然科学基金	Dalton Transactions	2009-227- 239	SCI
43	Synthesis, Characterization, and Substituent Effects of Binuclear Ruthenium Vinyl Complexes [RuCl(CO)(PMe ₃) ₃] ₂ (μ-CH=CH-Ar-CH=CH)	吴相华, 金山, 梁晋华, 李自永, 余广鳌, 刘盛华	国家自然科学基金	Organometallics	2009-28-2450	Sci
44	Syntheses and Properties of Binuclear Ruthenium Vinyl Complexes with Dithienylethene Units as Multifunction Switches	林艳, 袁静静, 胡明, 程洁, 尹军, 金山, 刘盛华	国家自然科学基金	Organometallics	2009-28-6402	Sci
45	Synthesis and Characterization of Conjugated Diallenes and their Binuclear Ruthenium ³⁺ -Allyl Complexes	夏建龙, 吴相华, 鲁颖慧, 陈刚, 金山, 余广鳌, 刘盛华	国家自然科学基金	Organometallics	2009-28-2701	Sci

46	Synthesis, Characterization, and Substituent Effects of Mononuclear Ruthenium Complexes [RuCl(CO)(PMe ₃) ₃ (CH=CH-C ₆ H ₄ -R- <i>p</i>)] (R = H, CH ₃ , OCH ₃ , NO ₂ , NH ₂ , NMe ₂)	吴相华, 翁潭清, 金山, 梁晋华, 郭锐, 余广鳌, 刘盛华	国家自然科学基金	J. Organomet. Chem.	2009-694-1877	Sci
47	Structure diversity of silver(I) [1,1'-bis(diphenylphosphino)cobaltocenium] complexes: effect of counteranions	吴相华, 关金涛, 金山, 余广鳌, 孟祥高, 刘盛华	国家自然科学基金	Inorg. Chim. Acta	2009-362-3484	Sci
48	Convenient Access to <i>p</i> -Substituted Chiral Phenones	曹秀芳, 胡明, 李菲, 陆文昌, 余广鳌, 刘盛华	国家自然科学基金	Helv. Chim. Acta	2009-92-1007	Sci
49	The synthesis and photochromic properties of two bis(phosphine) ligands based on dithienylethene backbone and their oxides, sulfurets and selenides	尹军, 林艳, 曹秀芳, 余广鳌, 涂海洋, 刘盛华	国家自然科学基金	Dyes and Pigments	2009-81-152	Sci
50	Synthesis of nano-ceria powder of high thermal stability	王峰云, 锺国斌, 苏艾, 詹世宏, 李香爱, 段萌, 蒋玉春	其他省部委计划	Materials Letters	2009-63-11	SCI
51	Fabrication and photoluminescence of thin films of lanthanide-polyoxometalates grafted on colloid silica sphere	王俊, 郝琴		Thin Solid Films	2009-518-274-278	SCI
52	Thin films of silica particles covered with lanthanide substituted Keggin polyoxometalates and their optical properties,	王俊, 郝琴		Journal of Alloys and Compounds,	2009-482-235-239	SCI

53	Structure and luminescence properties of self-assembled films of Lanthanide-polyoxometalates clusters/silica core-shell particles	王俊, 张红艳, 郝琴		Journal of Alloys and Compounds	2009-485-826-830	SCI
54	Solid-phase extraction combined with dispersive liquid-liquid microextraction for the determination for polybrominated diphenyl ethers in different environmental matrices	刘雪娟, 王学东		Journal of chromatography A	2009-1216-12	SCI
55	The inhibitory activity of endophytic bacillus sp strain CHM1 against plant pathogenic fungi and its plant growth-promoting effect	王慧利, 王学东		Crop Protection	2009-28-8	SCI
56	A 3D porous zinc MOF constructed from a flexible tripodal ligand: Synthesis, structure, and photoluminescence property	温丽丽, 王冬娥, 王成刚, 王锋, 李东风*, 邓克俭	国家自然科学基金	Journal of solid state chemistry	2009-182-574- 579	SCI
57	Synthesis of Self-Folded Molecular Rotors Controlled by Edge-to-Face CH/ Aromatic Interactions	李义涛, 祝艳平, 钦静, 郭慧珍, 李琳, 吴安心*	国家自然科学基金	SYNLETT	2009-12-1	SCI
58	Synthesis of Novel Molecular Clips via Click Chemistry Based on Diethoxy carbonyl Glycoluril	高蒙, 曹利平, 王治国, 孙静静, 余能芳, 吴安心*	国家自然科学基金	SYNLETT	2009-2-1	SCI
59	Thioglycoluril as a Novel Orgacatalyst: Rapid and Efficient α -Bromination of 1,3-Dicarbonyl Compounds	曹利平, 丁娇阳, 殷国栋, 高蒙, 王治国, 吴安心*	国家自然科学基金	SYNLETT	2009-9-1	SCI
60	Complete ^1H and ^{13}C NMR assignments and Z/E-stereoconfiguration determination of isomers of 1,4-diketone derivatives	徐国华, 殷国栋, 郭文博, 吴安心, 崔艳芳*	国家自然科学基金	Magnetic Resonance in Chemistry	2008-46-1	SCI
61	A concise and efficient way to synthesize polyenic diones directly from α,β -unsaturated methyl ketones	高蒙, 殷国栋, 王紫华, 吴彦东, 郭成, 潘远江, 吴安心*	国家自然科学基金	Tetrahedron	2009-65	SCI

62	Organocatalytic synthesis and sterol 14 α -demethylase binding interactions of	明志会, 徐胜臻, 周蕾, 丁明武, 杨娇艳, 杨劭, 肖文精	国家自然科学基金	Bioorg. Med. Chem. Lett.	2009-19-3938	SCI
63	Highly enantioselective desymmetrization of meso- and prochiral cyclic ketones	陈加荣, 赖媛媛, 陆海华, 汪绪凡, 肖文精	国家自然科学基金	Tetrahedron	2009-65-9238	SCI
64	Brønsted Acid Mediated Tandem Diels-Alder/	陈才宝, 汪绪凡, 曹宜菊, 程鸿刚, 肖文精	国家自然科学基金	J. Org. Chem.	2009-74-3523	SCI
65	Synthesis of Norbornene and Methyl Methacrylate Graft Copolymers with High Norbornene Content by Using Mixed Catalytic System	马锐; 宋中英; 侯玉帮; 刘艳; 邢斌; 谭哲; 暴峰	湖北省自然科学基金	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	2009-46-193-201	SCI
66	Bis(3-nitroanilinium) sulfate	冯玲玲, 侯玉帮, 永学建, 暴峰*	国家自然科学基金	Acta Crystallographica Section E	2009-e65-o1086	SCI
67	Comparative Study on the Immobilization of Lipase on Chitosan Gels Modified by Different Hydrophobic Groups	邓红涛, 林彦, 王娟娟, 刘钟阳, 马苗, 郑飞	湖北省自然科学基金	Surface Review and Letters	2009-16- 2	SCI
68	Preparation and Characterization of the Waterborne Polyurethane Modified With Nanosilica	陈晶晶, 朱传方, 邓红涛, 秦正妮, 杨海艳, 白一穹	湖北省科技攻关计划	Journal of Polymer Research	2009-16-3	SCI
69	Hydrophobic surface modification of chitosan gels by stearyl for improving the activity of immobilized lipase	邓红涛, 王娟娟, 马苗, 刘钟阳, 郑飞	湖北省自然科学基金	Chinese Chemical Letters	2009-20-995-999	SCI
70	Efficient Synthesis and Fungicidal Activities of 3,5,6,8-Tetrahydro-4H-thiopyrano[4',3':4,5]thieno[2,3-d]pyrimidin-4-ones	解海, 黄年玉, 丁明武	国家自然科学基金及教育部重点项目	Phosphorus Sulfur and Silicon Relat. Elem.	2009-184- 480-491	SCI

71	Efficient Synthesis of Benzothieno[3,2- <i>d</i>]-1,2,4-triazolo[1,5- <i>a</i>]pyrimidin-5(1 <i>H</i>)-ones via a Tandem aza-Wittig/Heterocumulene-Mediated Annulation	徐胜臻,曹明慧,陈长水,丁明武	国家自然科学基金及教育部重点项目	<i>J. Heterocycl. Chem.</i>	2009-46-903-908	SCI
72	Efficient synthesis of 5,6-dihydrothieno[3',2':4,5]thieno[2,3- <i>d</i>]pyrimidin-4(3 <i>H</i>)-ones via an iminophosphorane	陈余陆,聂熠博,丁明武	国家自然科学基金及教育部重点项目	<i>Chin. Chem. Lett.</i>	2009-20-1055-1058	SCI
73	New Efficient Synthesis of Imidazo[2,1- <i>b</i>]quinazoline- 2,5(1 <i>H</i> ,3 <i>H</i>)-diones via a Consecutive aza-Wittig/Heterocumulene-Mediated Annulation	谢畅,黄年玉,丁明武	国家自然科学基金及教育部重点项目	<i>ARKIVOC</i>	2009- <i>x</i> - 220-232	SCI

79	Synthesis and complexation studies of calix[4]crown telomers intermolecular bridged with calixarene segments	李海兵 *,田德美 , 陈远荫	国家自然科 学基金	Chinese Journal of Chemistry	2009-27-130	SCI
80	synthesis of highly luminescent cobalt(II)-bis(8-hydroxyquinoline) nanosheets as isomeric aromatic amine probest	李海兵 李玉玲	国家自然科 学基金	nanoscale	2009-10-128-132	SCI
81	Determination of trace molybdenum in biological and water samples by graphite furnace atomic absorption spectrometry after separation and preconcentration on immobilized titanium dioxide nanoparticles	梁沛 ,李茜 ,刘蕊	自选	Microchimica Acta	2009-164-1-2	SCI
82	Speciation of As(III) and As(V) in water samples by dispersive liquid-liquid microextraction separation and determination by graphite furnace atomic absorption spectrometry	梁沛 ,彭丽丽 ,闫 苹	自选	Microchimica Acta	2009-166-1-2	SCI

87	CuI/PPH ₃ catalyzed Sonogashira coupling reaction of aryl iodides with terminal alkynes in water in the absence of palladium	关金涛, 余广鳌, 陈磊, 翁潭清, 袁静静, 刘盛华	国家自然科学基金	Appl. Organomet. Chem	2009-23-75	Sci
88	Three-dimensional networks in the 1:2 organic salts 2,2'-biimidazolium bis(3-carboxy-4-hydroxybenzenesulfonate) and 2,2'-bibenzimidazolium bis(3-carboxy-4-hydroxybenzenesulfonate) trihydrate	周春山, 丁莉莉, 张航, 曹敏娜, 孟祥高	自选课题	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	2009-C65-C51-C53.	SCI
89	A two-dimensional network in the molecular salt 2-methylimidazolium hydrogen glutarate, and three-dimensional networks in the salts 2-methylimidazolium hydrogen succinate and 2-methylimidazolium hydrogen adipate monohydrate	孟祥高, 程翠霞, 严刚	自选课题	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	2009-C65-O217-O221	SCI
90	Synthesis, crystal structure and biological activities of O-[(Z)-2-Methylbenzyl] 1-Phenyl-2-(1H-1,2,4-triazol-1-yl) ethanone Oxime	蒙柳, 石德清	国家自然科学基金	有机化学	2009-29-7	SCI
91	Synthesis and Biological Activities of O-(E)-(Arylmethyl)	朱小飞, 石德清	国家自然科学基金	J. Heterocyclic Chem.	2009-46-6	SCI
92	Synthesis and Herbicidal Activity of 3-Aryl-1-[2-	李克, 石德清	国家自然科学基金	J. Heterocyclic Chem.	2009-46-3	SCI
93	Stereoselective Synthesis and Biological Activities of Diethyl (E)-	肖琳霞, 石德清	国家自然科学基金	J. Heterocyclic Chem.	2009-46-3	SCI
94	新型 N[cis-3-(2-氯-3,3-三氟丙基)-2,2-二甲基环丙烷基羰基]-N'-芳氧酰胺的合成与生物活性	蒙柳, 石德清	国家自然科学基金	Chin. J. Struc. Chem.	2009-28-3	SCI

95	Synthesis and Biological Activities of Novel Thiophosphoryl	朱小飞, 石德清	国家自然科学基金	Chin. J. Chem.	2009-27-3	SCI
96	Reduction in SBPase Activity by Antisense RNA in Transgenic Rice Plants: Effect on Photosynthesis, Growth, and Biomass Allocation at Different Nitrogen Levels	冯玲玲, 李惠, 焦精美, 李定, 周丽, 万坚, 李阳生	国家自然科学基金	J. Plant Biol.	2009-52-382-394	SCI
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