

2012

1	Aerosol Flow Synthesis of N, Si - Codoped TiO ₂ Hollow Microspheres with Enhanced Visible-Light Driven Photocatalytic Performance.		Cat. Comm	2012- 29- 5- 189	SCI		B
2	A stable single-crystal Bi ₃ NbO ₇ nanoplates superstructure for effective visible-light-driven photocatalytic removal of nitric oxide		Appl. Surf. Sci.	2012- 263- 15- 266	SCI		B
3	Magnetic particle-based immunoassay of phosphorylated p53 using protein cage templated lead phosphate and carbon nanospheres for signal amplification	Yongsoon Shin * Yuehe Lin	RSC Advances	2012- 02- 29- 11029	SCI		C
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	* Yuehe Lin	Environmental Science & Technology	2012- 46- 03- 1828	SCI		A

	Agents						
5	Properties of xyloglucan hydrogel as the biomedical Sustained-Release Carriers	, , *, , , , , , , ,	Journal of Materials Science: Materials in Medicine	2012- 23- 4- 955	SCI		B
6	Enantioselective Synthesis of Dihydropyrazoles by Formal [4+1] Cycloaddition of in Situ-Derived Azoalkenes and Sulfur Ylides	Mathieu Candy Manuel Jörres, Carsten Bolm	J. Am. Chem. Soc.	2012- 134- 16- 6924	SCI		A
7	Reaction Pathway and Free Energy Profiles for Butyrylcholinesterase-Catalyzed Hydrolysis of Acetylthiocholine		Biochemistry	2012- 51- 6- 1297	SCI		B
8	Thermoplastic starches modified with polyurethane microparticles: effects of hydrophilicity of polyurethane prepolymer		Starch-Stärke	2012- 64- 4- 255	SCI		B
9	Enhanced Decomposition of Dimethyl Phthalate via Molecular Oxygen Activated by Fe ₃ O ₄ /AC under Microwave Irradiation		J. Hazard. Mater.	2012- 235- 236- 92	SCI		A
10	Synthesis and Herbicidal Activity of Acylpyrazole Derivatives Containing 1, 2, 3-Thiadiazole Moiety		J. Heterocyclic Chemistry	2012- 49- 4- 732	SCI		C

11	Design of chiral sulfoxide-Schiff base hybrids and their application in Cu-catalyzed asymmetric Henry reactions	*	Chem. Commun.	2012- 48- 45- 5596	SCI		A
12	Substrate-controlled and highly stereoselective synthesis of 2-aminobut-2-ene-1,4-diones	, * Jun-Rui Ma, *	Tetrahedron	2012- 68- 20- 3828	SCI		B
13	Synthesis, Crystal Structures and Catalysis of Dinuclear Cd(II) Complexes Bridged by Unusual (N, O, O)-Coordinated -Amino Acids	*	CHEM RES. CHINESE UNIVERSITIES	2012- 28- 1	SCI		C
14	Design of a Visible Light Driven Photo-Electrochemical /Electro-Fenton Coupling Oxidation System for Wastewater Treatment		J. Hazard. Mater.	2012- 239- 240- 233	SCI		A
15	Porous Structure Dependent Photoreactivity of Graphitic Carbon Nitride under Visible Light		J. Mater. Chem	2012- 22- 1160	SCI		A
16	Carbon Self Doping Induced High Electronic Conductivity and Photoreactivity of g-C ₃ N ₄		Chem. Commun.	2012- 48- 6178	SCI		A
17	Integrated Lateral Flow Test Strip with Electrochemical Sensor for Quantification of Phosphorylated Cholinesterase: Biomarker of	* Yuehe Lin	Analytical Chemistry	2012- 84- 03- 1380	SCI		A

	Exposure to Organophosphorus Agents						
18	Graphene-based materials for biosensing and biomedicine	*	Yuehe Lin	MRS Bulletin	2012-37-12-1290	SCI	A
19	An organocatalytic Michael-addition cascade: formal [3+2] annulation to construct enantiomerically enriched spirocyclic oxindole derivatives		*	Chem. Commun.	2012-48-42-5160	SCI	A
20	Switchable Wettability Sensor for Ion Pairs Based on Calix[4]azacrown Clicking			Org. Lett.	2012-14-8-1958	SCI	A
21	Oxidative cross-esterification of dithiolanes with alcohols through a cross-dehydrogenative coupling (CDC)/deprotection sequence		*	Org. Biomol. Chem.	2012-10-3-506	SCI	B
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		*	The Journal of Organic Chemistry	2012-77-9865	SCI	B
23	Microstructure Dependent Photoelectrochemical and Photocatalytic Properties of BiCl			J. Nanopart. Res.	2012-14-1015	SCI	A

24	Facile Synthesis of Zirconia Nanoparticles-decorated Graphene Hybrid Nanosheets for an Enzymeless Methyl Parathion Sensor	*	Sensors and Actuator B: Chemical	2012-162-1-341	SCI		A
25	Highly sensitive visible light activated photochemical biosensing of organophosphate pesticide using bifunctional crossed biorthoxymethylated flake arrays	*	Biosensors & Bioelectronics	2012-38-43	SCI		A
26	Adsorption of Heavy Metal Ions by Hierarchically Structured Magnetically-carbonaceous Spheres	*	Talanta	2012-101-45	SCI		B
27	Computational Discovery of pi-complex site inhibitors of cytochrome bc1 complex.	Berry, E. A ; *	J. Am. Chem. Soc.	2012, 134, 11168-11176	SCI		A
28	Structure-based Methods for Predicting Target Mutation-induced Drug Resistance and Rational Drug Design to Overcome the Problem		<i>Drug Discov. Today</i>	2012, 17, 1121-1126	SCI		A
29	Air-stable and highly efficient indenyl-derived phosphine ligand: Application to Buchwald-Hartwig amination reactions		Journal of Organometallic Chemistry	2012-706-707-01-99	SCI		B

30	Design, synthesis and biological evaluation of novel 2-methyl pyridine-4-yl amine derivatives as inhibitors of Escherichia coli pyruvate dehydrogenase complex E1	,	Biorganic & Medicinal Chemistry	2012-20	SCI		B
31	Synthesis and anti-tumor activity of novel quinazoline derivatives containing thiosemicarbazide moiety		European Journal of Medicinal Chemistry	2012-54	SCI		B
32	Highly selective and sensitive fluorescent sensing of oxalate in water	,	CHEMICAL COMMUNICATIONS	2012-48-55-6951	SCI		A
33	Introducing Ligand-based Hydrogen Bond Donors to a Receptor: Both Selectivity and Binding Affinity for Anion Recognition in Water can be Improved	Chen Cheng() and Guoqiang Feng*()	JOURNAL OF ORGANIC CHEMISTRY	2012-77-24-11405	SCI		B
34	Imidazole-based diethylenes as a selective chemosensors for iron(III) ions		Dyes and Pigments	2012-92-03-961	SCI		A
35	() DNA			2012-33-1151-1157	SCI		C
36	New insight into Daylight Photocatalysis of AgBr@Ag: Synergistic Effect between Semiconductor Photocatalysis and Plasmonic Photocatalysis		Chem. Eur. J.	2012-18-6360	SCI		A

44	Synthesis and Properties of Photochromic Diarylethene Containing N-Salicylideneaniline Units		Molecular Crystals and Liquid Crystals	2012-557-84	SCI		C
45	Synthesis of [2] Catenanes by Template-Directed Clipping Approach		The Journal of Organic Chemistry	2012-77-16-7129	SCI		B
46	Logic design and synthesis of quinoxalines via the integration of iodination/oxidation/cyclization sequences from ketones and 1,2-diamines	*	Tetrahedron	2012-68-47-9598	SCI		B
47	One-step fabrication of layered double hydroxides/graphene hybrid as solid-phase extraction for stripping voltammetric detection of methyl parathion	*	Electrochem Commun.	2012-20-149	SCI		A
48	Synthesis, characterization and mechanochromic behavior of binuclear gold (I) complexes with various diisocyanobridges		Dyes and Pigments	2012-95-03-485	SCI		A
49	Determination of Nickel in Water Samples by Graphite Furnace Atomic Absorption Spectrometry After Ionic Liquid-Based Dispersive Liquid-Liquid Microextraction Preconcentration		Atomic Spectroscopy	2012-33-2-53	SCI		C

50	Synthesis and antifungal Activity of Novel Sclerotinin Analogues.	Mil holl and, N ; Beattie, D. Irwin, D.; Clough, J.	<i>J. Agric. Food Chem</i>	2012, 60, 4480-4491.	SCI		A
51	Design, Synthesis and Fungicidal Activity of Novel Sclerotinin Derivatives.	Mil holl and, N Beattie, D. Irwin, D. Clough, J.	<i>Chem Biol. Drug Des.</i>	2012, 80, 682-692	SCI		B
52	Facile Synthesis of 3-Substituted Isoquinolines Derivatives via Microwave-assisted Tandem Three-component Coupling Cyclization.		<i>Chin. J. Chem</i>	2012, 30, 1075-1082.	SCI		C
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		Analytical Chemistry	2012- 84- 9- 3921	SCI		A
54	Synthesis and Pesticidal Activity of 3-(2-Chloro-4-trifluoromethyl)phenoxy Benzoyl hydrazones			2012- 32	SCI		C
55	Synthesis, characterization, and fungicidal activity of new thiopyridopyrimidine derivatives		SYNTHETIC COMMUNICATIONS	2012- 42	SCI		C

56	Design of a Neutral Three-Dimensional Electro-Fenton System with Foam Nickel as Particle Electrodes for Wastewater Treatment		J. Hazard. Mater.	2012- 243- 257	SCI		A
57	Dual Activation in Organocatalysis: Design of Tunable and Bifunctional Organocatalysts and Their Applications in Enantioselective Reactions		Synlett	2012- 23- 4- 490	SCI		B
58	Development of Cascade Reactions for the Concise Construction of Diverse Heterocyclic Architectures		Acc. Chem. Res.	2012- 45- 8- 1278	SCI		A
59	Hydrogen-Bond-Mediated Asymmetric Cascade Reaction of Stable Sulfur Ylides with Nitroolefins: Scope, Application and Mechanism		Chem. Eur. J.	2012- 18- 14- 4073	SCI		A
60	Enantioselective Cascade Reactions of Stable Sulfur Ylides and Nitroolefins through an Axial-to-Central Chirality Transfer Strategy		J. Org. Chem.	2012- 77- 2- 1072	SCI		B
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 O-[2, 4-dimethylthiazole (or 4-methyl-1, 2, 3-thiadiazole)]-5-carbonyl Oxides		J. Heterocyclic Chemistry	2012- 49- 03- 511	SCI		C

62	A highly active catalytic system for Suzuki-Miyaura cross-coupling reactions of aryl and heteroaryl chlorides in water		Organic & Biomolecular Chemistry	2012-10-47-9410	SCI		B
63	p-Sulfonated calix[6]arene modified graphene as a 'turn on' fluorescent probe for L-carnitine in living cells		Chem. Commun.	2012-48-4851	SCI		A
64	Regulation of Both the Reactive Oxygen Species Level and Antioxidant Enzyme Activity in Drought-Stressed Rice Organs by Benzenediazole-Based SOD1 Mimics		J. Agric. Food Chem	2012-60-11211-11221	SCI		A
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		Tetrahedron	2012-68-10-2409	SCI		B
66	Enantioselective Recognition of Mandelic Acid with (R)-1,1-Bi-2-naphthol-Linked Calix[4]arene via Fluorescence and Dynamic Light Scattering		Org. Lett.	2012-14-14-3572	SCI		A
67	New Efficient Synthesis of 1,2,4-Tri substituted Imidazoles and Imidazo[1,2-c]quinazolines by a Tandem Aza-Wittig/Electrocyclic Ring-closure Process	*	<i>Tetrahedron</i>	2012-68-04-965	SCI		B

74	Colorimetric detection and separation of chiral tyrosine based on N-acetyl-L-cysteine modified gold nanoparticles		J. Mater. Chem	2012- 22- 6546	SCI		A
75	Efficient Visible Light-Driven Photocatalytic Degradation of Pentachlorophenol with Bi ₂ O ₃ /TiO ₂ -xBr		J. Phys. Chem C	2012- 116- 17118	SCI		B
76	Study on the interaction between cyanobacteria FBP/SBPase and metal ions	, * ,	Spectrochim Acta. A	2012- 89- 337	SCI		B
77	Chiral colorimetric recognition of amino acids based on silver nanoparticle clusters		New Journal of Chemistry	2012- 36- 7- 1442	SCI		B
78	pH gated glucose responsive biomimetic single nanochannels		Chem Commun.	2012- 48- 27- 3282	SCI		A
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	.	Chem Asian J.	2012- 7- 3- 493	SCI		B
80	Boosting partial least-squares discriminant analysis with application to near infrared	*	Journal of chemometrics	2012- 26- 34- 39	SCI		B

	spectroscopic tea variety discrimination						
81	Experimental study of novel Co-based catalysts for tar model compound cracking	*	Journal of Biobased Materials and Bioenergy	2012-6-1-101	SCI		B
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	^[a, b] , Hui-Ran Yang ^[b] , Hui-Bin Sun ^[b] , Shu-Juan Liu ^[b] , Jing-Xia Wang ^[b] , Qiang Zhao ^[b] , Xi-ang-Mei Liu ^[b] , Wen-Juan Xu ^[b] , * ^[a] , * ^[b]	Chem. Eur. J.	DOI: 10.1002/chem.201203137	SCI		A
83	The asymmetric synthesis of chiral cyclic alpha-hydroxy phosphonates and quaternary cyclic alpha-hydroxy phosphonates		Organic & Biomolecular Chemistry	2012-10-1680	SCI		B
84	Enhanced photoelectrochemical water splitting on Pt-loaded TiO ₂ nanorods array thin film	*	Materials Letters	2012-71-141 " "	SCI		B
85	An unexpected tetranuclear Li ₂ O ₂ trimethylsilyl acetylacetonate complex bridged by two 3-pyrazolates,		Sci. China Chem	2012-55-914	SCI		C
86	Improving the Degree of Functionalization and Solubility of Single-Walled Carbon Nanotubes via		J Inorg Organomet Polym	2012-22-1182	SCI		B

	Covalent Multiple Functionalization							
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92 Synthesis, temperature-controlled Synthesis,
structures and polyphenol oxidase
activities
of dinuclear manganese(II) complexes with
N,N,N',N'-tetrakis(20-benzimidazolylmeth-
yl)-
1,4-diethylene amino glycol ether

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	water samples						
98	DABCO and Bu ₃ P catalyzed [4 + 2] and [3 + 2] cycloadditions of 3-acyl-2-chromenones and ethyl 2,3-butadienoate		Organic & Biomolecular Chemistry	2012-10-38-7739	SCI		B
99	A luminescent nanocrystal metal-organic framework for sensing of nitroaromatic compounds		Inorg. Chem. Commun.	2012-19-43	SCI		B
100	N-Heterocyclic Carbene Catalyzed Intramolecular Hydroacylation of Alkynyl phosphonates		Synthesis	2012-44-10-1559	SCI		B
101	Assembly of Two Porous Cadmium(II) Frameworks: Selective Adsorption and Luminescent Property		Cryst. Growth Des.	2012-12-4803	SCI		B
102	Visible-Light-Driven Photocatalysts of Metal-Organic Frameworks Derived from Multi-Carboxylic Acid and Imidazole-Based Spacer		Cryst. Growth Des.	2012-12-1603	SCI		B
103	Multi-functional Amino-Decorated Metal-Organic Frameworks: Nonlinear-Optic, Ferroelectric, Fluorescence Sensing and Photocatalytic Properties		J. Mater. Chem	2012-12-1603	SCI		A

104	Functionalized Coronenes: Synthesis, Solid Structure, and Properties	Chunyan Chi Ji shan Wu	The Journal of Organic Chemistry	2012-77-24-11319	SCI		B
105	A Novel and Highly Regioselective Route to Construct Methylthio-Substituted Pyridazines from Aryl Methyl Ketones at Room Temperature	*	Synlett	2012-23-14-2137	SCI		B
106	Efficient Removal of Heavy Metal Ions with Biopolymer Template Synthesized Mesoporous Titania Beads of Hundreds of Micrometers Size		Environ. Sci. Technol.	2012-46-419	SCI		A
107	Synthesis and Characterization of Dithia[3,3]paracyclophane-Bridged Binuclear Ruthenium Vinyl and Alkynyl Complexes	Wing Y. Man Phil A. Schauer Mark A. Fox Paul J. Low	Organometallics	2012-31-15-3521	SCI		B
108	An Experimental Study on the Effect of Substituents on Aromatic-Aromatic Interactions in Dithia[3,3]-metaparacyclophanes	Franco Cozzi Michele Mancinelli Andrea Mazzanti	Chemistry - A European Journal	2012-18-12-3611	SCI		A
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	*	Anal. Chim. Acta.	2012-724-47	SCI		B

110 Ultrasound-enhanced surfactant-assisted
dispersion

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	vi a vi si bl e l i ght photoredox catal ysi s						
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117 Vi si bl e-Li ght Photoredox Catal ysi s

123	New inhibitor of 3-phosphoinositide dependent protein kinase-1 identified from virtual screening.	Abdul Hameed M. D.; Hamza A. ; *	<i>Biorg. Med. Chem Lett.</i>	2012, 15, 1629-1632	SCI		B
124	Rieske Iron-Sulfur Protein of the Cytochrome bc1 Complex: A Potential Target for Fungicide Discovery.	*	<i>ChemBiochem</i>	2012, 134, 1542-1551.	SCI		B
125	Novel synthetic methods for N-cyano-1H-imidazole-4-carboxamides and their fungicidal activity.	*	<i>Biorg. Med. Chem Lett.</i>	2012-22-1455	SCI		B
126	Synthesis of trisubstituted isoxazoles via in situ trapping strategy from alpha-nitro carbonyl compounds and methyl ketones or terminal aryl alkenes	*	Tetrahedron	2012-68-31-6257	SCI		B
127	Convergent domino synthesis of 1,2,3-triaryl indolizines from methyl ketones and pyridines via self-division of labor strategy	*	Tetrahedron	2012-68-36-7338	SCI		B
128	Preparation and characterization of Au-ZrO ₂ -SiO ₂ nanocomposite spheres and their application in enrichment and detection of organophosphorus agents	* Yueh Lin	Journal of Materials Chemistry	2012-22-11-4977	SCI		A
129	The effect of a nuclear localization sequence on transfection efficacy of genes delivered by cobalt(II) epolbenzimidazole		Biomaterials	2012-33-31-7884-7894	SCI		A

	complexes						
130	Phenyl substituted indenyl phosphine ruthenium complexes as catalysts for dehydrogenation of alcohols		Dalton Transactions	2012-41-34-10309	SCI		B
131	Unsymmetrical N and/or O-bridged calixarene derivatives: synthesis, structure and encapsulation of solvent molecules in the solid state	*	Tetrahedron Letters	2012-53-10-1222	SCI		B
132	Anthraquinone-modified calix[4]arene: click synthesis, selective calcium ion fluorescent chemosensor and INHIBIT logic gate		Supramolecular Chemistry	2012-24-4-272	SCI		B
133	Synthesis of a pyridyl-appended calix[4]arene and its application to the modification of silver nanoparticles as Fe ³⁺ colorimetric sensor		New J. Chem	2012-36-656	SCI		B
134	Sensitive fluorescence sensor for nitroaniline isomers based on calix[4]arene bearing naphthyl groups		Tetrahedron	2012-68-5579	SCI		B
135	Design of switchable wettability sensor for paraquat based on clicking calix[4]arene		Org. Biomol. Chem	2012-10-3185	SCI		B

136	Star-Shaped Polycyclic Aromatic Hydrocarbons: Design and Synthesis of Molecules		Current Organic Chemistry	2012-16-18-2124	SCI		B
137	Study of Inhibition, Reaction and Aging Processes of Pesticides Using Graphene Nanosheets/Gold Nanoparticles-Based Acetylcholinesterase Biosensor	Yuehe Lin *	Electroanalysis	2012-24-08-1745	SCI		B
138	Biosensor based on Prussian blue nanocubes/reduced graphene oxide nanocomposite for detection of organophosphorus pesticides	* Yuehe Lin	Nanoscale	2012-04-15-4674	SCI		A
139	Synthesis and Fungicidal Activity of Novel Pimpinene Analogues.	Mil Holland, N ; Beattie, D ; Irwin, D * *	<i>Eur. J. Med. Chem</i>	2012 53, 283-291	SCI		B
140	Novel Nanofibrous Composite of Chitosan-CaCO ₃ Fabricated by Electrolytic Biomineralization and Its Cell Biocompatibility	*	RSC Advances	2012-2-2-514	SCI		C
141	Amphiphilic maltodextrins modified with polyurethane microparticles		Journal of Biobased Materials and Bioenergy	2012-6-5-538	SCI		B

142	Starches modified with polyurethane microparticles: effects of hydroxyl numbers of polyols in polyurethane.		Carbohydrate Polymers	2012-50-88-1208	SCI		B
143	Efficient One-pot Synthesis of 1H-Pyrazolo[1,5-b]indazoles by a Domino Staudinger/Aza-Wittig Cyclization	*	<i>Synlett</i>	2012-23-19-2850	SCI		B
144	Desalting of Phosphopeptides by Tandem Polypyrrole-C18 Reverse Phase Microplate Tip (TMiPPY-C18) Based on Hybrid Electrostatic, - Stacking and Hydrophobic Interactions for Mass Spectrometric Analysis		Anal. Chim. Acta	2012-724-1	SCI		B
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		Anal. Bioanal. Chem	2012-404-1	SCI		B
146	Measurement of Laser Activated Electron Tunneling from Semiconductor Zinc Oxide to Adsorbed Organic Molecules by a Matrix Assisted Laser Desorption Ionization Mass Spectrometer		Anal. Chim. Acta	2012-729-1	SCI		B

147	New Efficient Synthesis of 2,3,5-Tri substituted 4(3H)-Pyrimidines Starting from the Baylis-Hillman Adducts	*	<i>Synthesis</i>	2012- 44- 19- 3085	SCI		B
148	Cyclodextrin modified quantum dots with tunable liquid-like behaviour		Chem. Commun.	2012- 48- 3596	SCI		A
149	Highly Fluorescent Fluoride-Responsive Hydrogels Embedded with CdTe Quantum Dots		ACS Appl. Mater. Interfaces	2012- 04- 02- 721	SCI		A
150	Reduced graphene oxide – nickel oxide composite as high performance electrode materials for supercapacitors		Journal of Power Sources	2012- 203- 0	SCI		A
151	Reduced graphene oxide and nanosheet-based nickel oxide microsphere composite as an anode material for lithium ion battery		Electrochim Acta	2012- 64- 0	SCI		A
152	Design, Synthesis, and Bioevaluation of Novel Strobilurin Derivatives.		<i>Chin. J. Chem</i>	2012 , 30 1999- 2008.	SCI		C
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.	*	<i>Current Computer-Aided Drug Design</i>	2012, 8(1), 62- 69.	SCI		C

154	An efficient synthesis of enol phosphates via organic base-promoted addition of phosphites to 4-oxo-enoates	*	Tetrahedron	2012-68-30-6032	SCI		B
155	A Multi pathway Coupled Domino Strategy: Metal-free Oxidative Cyclization for One-Pot Synthesis of 2-Acyl benzothiazoles from Multi form Substrates	*	Org. Lett	2012-14-17-4414	SCI		A
156	I ₂ promoted domino oxidative cyclization for one-pot synthesis of 2-acyl benzothiazoles via metal-free sp ³ C-H functionalization	*	Chem. Commun	2012-48-72-9086	SCI		A
157	Metal-Free sp ³ C-H Bond Dual-(Het)arylation: I ₂ -Promoted Domino Process to Construct 2,2-Bisindolyl-1-aryl ethanones	*	Org. Lett	2012-14-13-3392	SCI		A
158	I ₂ -CF ₃ SO ₃ H Synergistic Promoted sp ³ C-H Bond Diarylation of Aromatic Ketones	*	Org. Lett	2012-14-20-5378	SCI		A
159	I ₂ /CuO-catalyzed tandem cyclization strategy for one-pot synthesis of substituted 2-aminothiazole from easily available aromatic ketones/alpha, beta-unsaturated ketones	*	Tetrahedron	2012-68-1-173	SCI		B

	and thiourea						
160	Highly Efficient Aerobic Oxidative Hydroxylation of Arylboronic Acids: Photoredox Catalysis Using Visible Light	Rebecca L. Davis Karl Anker Jørgensen*	Angew Chem Int. Ed.	2012-51-3-784	SCI		A
161	Visible Light induced intermolecular [2+2]-cycloaddition reactions of 3-ylidene-oxindoles through energy transfer pathway	*	Tetrahedron	2012-68-34-6914	SCI		B
162	Facile Synthesis and Herbicidal Evaluation of 4H-3,1-Benzoxazin-4-ones and 3H-Quinoxalin-4-ones with 2-Phenoxyethyl Substituents	*	Molecules	2012-17-3181	SCI		B
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.		<i>Bioorg. Med. Chem</i>	2012, 20, 296-304	SCI		B

164	Adsorption Behaviour of PEGylated Gold Nanoparticles to Different Surfaces Probed by CV Monitoring	Damra E. Mustafa,	Advanced Materials Research	2012-455-456-689-695	EI
165	Li ₄ SiO ₄ CO ₂	,		2012-40-5-636	EI
166	Preparation and properties of the slow release fertilizer with green coat	,	Adv. Mat. Res.	2012-518-4745	EI
167	---			2012-51	