2012

1	Aerosol Flow Synthesis of N, Si-Codoped TiO2 Hollow Microspheres with Enhanced Visible-Light Driven Photocatalytic Performance.		Cat. Comm.	2012-29-5-189	SCI		B
2	A stable single-crystal Bi3NbO7 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@Fe2O3/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 – Schi 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 α-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-C3N4		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 bioimaging	* Yuehe Lin	MRS Bulletin	2012-37-12-1290	SCI		A
19	An organocatalytic Michael-aldol cascade: formal [3+2] annulation to construct enantioenriched 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 dithio-lanes 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 BiOI		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 biofunctional crossed bismuthoxyiodide flake arrays	*	Biosensors & Bioelectronics	2012-38-43	SCI		A
26	Adsorption of Heavy Metal Ions by Hierarchically Structured Magnetite-carbonaceous Spheres	*	Talanta	2012-101-45	SCI		B
27	Computational Discovery of picomolar Qo 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.		*Drug Discov. Today*	2012, 17, 1121-1126.	SCI		A
29	Air-stable and highly efficient indenyl-derived phosphine ligand: Application to BuchwaldeHartwig amination reactions		Journal of Organometallic Chemistry	2012-706-707-01-99	SCI		B

30	Design, synthesis and biological evaluation of novel 2-methylpyrimidine-4-ylamine derivatives as inhibitors of Escherichia coli pyruvate dehydrogenase complex E1	,	Bioorganic & Medicinal Chemistry	2012-20	SCI		B
31	Synthesis and antitumor 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 dithienylethenes 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

37	Synthesis and Facet-Dependent Photoreactivity of BiOCl Single-Crystalline Nanosheets		J. Am. Chem. Soc.	2012-134- 4473	SCI		A
38	New Efficient Synthesis of Trisubstituted 1H-Imidazole-2(3H)-thiones and Thiazoles via Vinyliminophosphoranes	*	*Tetrahedron*	2012-68-38-7984	SCI		B
39	Unexpected Synthesis of 2,4,5-Trisubstituted Oxazoles via a Tandem aza-Wittig/Michael/Isomerization Reaction of Vinyliminophosphorane	*	*J. Org. Chem.*	2012-77-06-2954	SCI		B
40	Structure-Based Design and Screen of Novel Inhibitors for Class II 3-Hydroxy-3-methylglutaryl Coenzyme A Reductase from Streptococcus Pneumoniae	* *	J. Chem. Inf. Model.	2012-52-7-1833			

44	Synthesisand 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 diisocyano bridges		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 Sclerotiorin Analogues.	Mulholland, N.; Beattie, D. Irwin, D.; Clough, J.	*J. Agric. Food Chem.*	2012, 60, 4480 – 4491.	SCI		A
51	Design, Synthesis and Fungicidal Activity of Novel Sclerotiorin Derivatives.	Mulholland, N. Beattie, D. Irwin, D. Clough, J.	*Chem. Biol. Drug Des.*	**2012**, *80*, 682-692	SCI		B
52	Facile Synthesis of 3-Substituted Isoquinolines Derivatives via Microwave-assisted Tandem Three-component Coupling Cyclization.		*Chin. J. Chem.*	**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 trifluorome- thyl)phenoxy Benzoylhydrazones			2012-32	SCI		C
55	Synthesis, characterization, and fungicidal activity of new thienopyridopyrimidine 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 Oximes		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 Benzimidazolate-Based SOD1 Mimics		J. Agric. Food Chem.	2012-60-11211-11221	SCI		A
65	A new Hg2+ fluorescent sensors based on 1,3-alternate thiacalix[4]arene (L) and the complex of [L+Hg2+] 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-Trisubstituted Imidazoles and Imidazo[1,2-c]quinazolines by a Tandem aza-Wittig/electrocyclic Ring-closure Process	*	*Tetrahedron*	2012-68-04-965	SCI		B

68	Efficient Regioselective Synthesis of 3-Iodoindole N-carboximidamides and N-carboximidoates by a Sequential Aza-Wittig/Iodine Induced Cyclization	, , *	*Chin. J. Chem.*	2012-30-08-1807	SCI		C
69	Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles by a Sequential aza-Wittig/Michael/Isomerization Reaction	*	*J. Org. Chem.*	2012-77-01-696	SCI		B
70	Synthesis and cytotoxicity of O,O'-dialkyl {[2-(substituted phenoxy) acetamido](substituted phenyl)methyl}phosphonates		European Journal of Medicinal Chemistry	2012-48	SCI		B
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	* *	CrystEngComm	2012-14-16-5170	SCI		B
72	Design, Synthesis, and Bioevaluation of Benzamides: Novel Acetylcholinesterase Inhibitors with Multi-functions on Butylcholinesterase, Aβ Aggregation, and β-Secretase.	* *	*Bioorg. Med. Chem.*	2012, 20, 6739-6750.	SCI		B
73	Ionic liquid magnetic bar microextraction and HPLC determination of carbamate pesticides in real water samples	*	Microchim.Acta	2012-179-193	SCI		B

74	Colorimetric detection and separation of chiral tyrosine based on N-acetyl-Lcysteine modified gold nanoparticles		J. Mater. Chem.	2012-22-6546	SCI		A
75	Efficient Visible Light-Driven Photocatalytic Degradation of Pentachlorophenol with Bi203/Ti02—xBx		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] ,Xiang-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 TiO2 nanorods array thin film	*	Materials Letters	2012-71-141 “ ”	SCI		B
85	An unexpected tetranuclear Li2Cr2 trimethylsilylacetylide 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						
87	New Multifunctional Porous Materials Based on Inorganic–Organic Hybrid Single-Walled Carbon Nanotubes: Gas Storage and High-Sensitive Detection of Pesticides		Chem. Eur. J.	2012-18- 11804	SCI		A
88	Synthesis, Characterization and X-ray Crystal Structure of N,N '-Bis(4-nitrophenylcarbamothioyl)-isophthalamide center dot DMF			2012-30	SCI		C
89	Synthesis and Crystal Structure of N-Hexyl-3,7-diformylphenothiazine		Journal of Chemical Crystallography	2012-42-846	SCI		C
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	*	Org. Lett	2012-14-23- 6060	SCI		A
91	Assembly and luminescence properties of lanthanide-polyoxometalates/ 2 polyethyleneimine/SiO2 particles with core–shell structure		Thin solid Films	2012 in press	SCI		B

	water samples						
98	DABCO and Bu3P catalyzed [4 + 2] and [3 + 2] cycloadditions of 3-acyl-2Hchromen-ones 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 Alkynylphosphonates		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	Multifunctional 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 Jishan 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 dispersive *

	via visible light photoredox catalysis						
117	Visible-Light Photoredox Catalysis	*	Angew. Chem. Int. Ed.	2012-51-28-6828	SCI		A
118	Novel furo[2,3-d] pyrimidine derivative as fluorescent chemosensor for HSO_4^-	*	Talanta	2012-88-734	SCI		B

123	New inhibitor of 3-phosphoinositide dependent protein kinase-1 identified from virtual screening.	AbdulHameed M. D.; Hamza A. ; *	*Bioorg. Med. Chem. Lett.*	2012, 15,1629-1632.	SCI		B
124	Rieske Iron – Sulfur Protein of the Cytochrome bc1 Complex: A Potential Target for Fungicide Discovery.	*	*Chembiochem*	2012, 134, 1542-1551.	SCI		B
125	Novel synthetic methods for N-cyano-1H-imidazole-4-carboxamides and their fungicidal activity.	*	*Bioorg. Med. Chem. Lett.*	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-triaroylindolizines from methyl ketones and pyridines via self-division of labor strategy	*	Tetrahedron	2012-68-36-7338	SCI		B
128	Preparation and characterization of Au–ZrO2–SiO2 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) epolybenzimidazole		Biomaterials	2012-33-31-7884-7894	SCI		A

	complexes						
130	Phenyl substituted indenylphosphine 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 Fe3+ 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, Reactivation 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 Pimprinine Analogues.	Mulholland, N.; Beattie, D.; Irwin, D. * *	*Eur. J. Med. Chem.*	**2012** *53*, 283-291	SCI		B
140	Novel Nanofibrous Composite of Chitosan-CaCO3 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 1*H*-Pyrazolo[1,5-b]indazoles by a Domino Staudinger/Aza-Wittig Cyclization	*	*Synlett*	2012-23-19-2850	SCI		B
144	Desalting of Phosphopeptides by Tandem Polypyrrole-C18 Reverse Phase Micropipette Tip (TMTipPPY-C18) Based on Hybrid Electrostatic, Π - Π 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-Trisubstituted 4(3*H*)-Pyrimidinones Starting from the Baylis-Hillman Adducts	*	*Synthesis*	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, andBioevaluation of Novel Strobilurin Derivatives.		*Chin. J. Chem.*	**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.	*	*Current Computer-Aided Drug Design*	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 Multipathway Coupled Domino Strategy: Metal-free Oxidative Cyclization for One-Pot Synthesis of 2-Acylbenzothiazoles from Multiform Substrates	*	Org. Lett	2012-14-17-4414	SCI		A
156	I_2 promoted domino oxidative cyclization for one-pot synthesis of 2-acylbenzothiazoles 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: I2-Promoted Domino Process to Construct 2,2-Bisindolyl-1-arylethanones	*	Org. Lett	2012-14-13-3392	SCI		A
158	I_2-CF_3SO_3H 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-aminothiozole 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-Quinazolin-4-ones with 2-Phenoxymethyl 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.		*Bioorg.Med.Chem.*	2012,*20*, 296–304	SCI		B

164	Adsorption Behaviour of PEGylated Gold Nanoparticles to Different Surfaces Probed by CV Monitorin	Damra E. Mustafa,	Advanced Materials Research	2012-455-456-689-695	EI
165	Li_4SiO_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	