

# Majid Moghadam

## List of Publications by Year in descending order

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333  
papers

8,064  
citations

53794

45  
h-index

133252

59  
g-index

380  
all docs

380  
docs citations

380  
times ranked

6653  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd(II) and Ni(II) complexes containing ONNO tetradentate Schiff base ligand: Synthesis, crystal structure, spectral characterization, theoretical studies, and use of PdL as an efficient homogeneous catalyst for Suzuki–Miyaura cross-coupling reaction. <i>Polyhedron</i> , 2022, 213, 115622.	2.2	21
2	Theoretical investigation, synthesis and fabrication of efficient organometallic light emitting diodes based on Schiff base platinum complexes: A QTAIM study. <i>Surfaces and Interfaces</i> , 2022, 29, 101717.	3.0	1
3	Synthesis, crystal structure, spectral characterization, theoretical studies, and investigation of catalytic activity in selective oxidation of sulfides by oxo-peroxo tungsten(VI) Schiff base complex. <i>Journal of Molecular Structure</i> , 2022, 1257, 132608.	3.6	9
4	Preparation and characterization of stable core/shell Fe <sub>3</sub> O <sub>4</sub> @Au decorated with an amine group for immobilization of lipase by covalent attachment. <i>RSC Advances</i> , 2022, 12, 5971-5977.	3.6	2
5	Novel oxo-peroxo W(VI) Schiff base complex: synthesis, SC-XRD, spectral characterization, supporting on chloromethylated polystyrene, and catalytic oxidation of sulfides. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3067-3077.	2.2	7
6	Photocatalytic degradation of cefixime using visible light-driven Z-scheme ZnO nanorod/Zn <sub>2</sub> TiO <sub>4</sub> /GO heterostructure. <i>Journal of Environmental Management</i> , 2022, 316, 115195.	7.8	24
7	Synthesis, spectral characterization, and theoretical investigation of Ni(II) and Pd(II) complexes incorporating symmetrical tetradentate Schiff base ligand: Suzuki-Miyaura cross-coupling reaction using PdLSym. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3981-3992.	2.2	9
8	Can One Novel Lanthanide Complex and Its Nano-Encapsulated Compounds Afford Advances in Biological Inorganic Chemistry? A Biological Applications Study for Dysprosium (III) Complex and Its Nano-Encapsulated Compounds. <i>Comments on Inorganic Chemistry</i> , 2022, 42, 337-367.	5.2	1
9	Spectroscopic investigation, molecular structure, catalytic activity with computational studies of a novel Pd(II) complex incorporating unsymmetrical tetradentate Schiff base ligand. <i>Inorganic Chemistry Communication</i> , 2022, 142, 109697.	3.9	23
10	Efficient and reusable ruthenium salophen catalysts immobilized on carboxylated multi-walled carbon nanotubes for the epoxidation of hydrocarbons with sodium periodate. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3597-3609.	2.2	0
11	Synthesis, crystal structure, spectral characterization, catalytic studies and computational studies of Ni(II) and Pd(II) complexes of symmetrical tetradentate Schiff base ligand. <i>Journal of Coordination Chemistry</i> , 2022, 75, 972-993.	2.2	18
12	Synthesis and characterization of Manganese(III) tetraphenylporphyrinato chloride immobilized on multi-wall carbon nanotubes, and its application as an efficient and reusable catalyst in the biomimetic oxidation of sulfides: A comprehensive experimental and computational study. <i>Journal of Molecular Structure</i> , 2021, 1223, 128980.	3.6	3
13	Triazine bis(pyridinium) hydrogen sulfate ionic liquid immobilized on functionalized halloysite nanotubes as an efficient catalyst for one-pot synthesis of naphthopyranopyrimidines. <i>RSC Advances</i> , 2021, 11, 11976-11983.	3.6	10
14	A novel Ru (II) complex with high absorbance coefficient: efficient sensitizer for dye-sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 9345-9356.	2.2	8
15	Synthesis and spectroscopic behavior for Copper (II) poly N-heterocyclic carben modified on nano silica: A comparative experimental and DFT studies. <i>Journal of Molecular Structure</i> , 2021, 1230, 129660.	3.6	2
16	Copolymer-templated Nickel Oxide for High-Efficiency Mesoscopic Perovskite Solar Cells in Inverted Architecture. <i>Advanced Functional Materials</i> , 2021, 31, 2102237.	14.9	51
17	Multifunctional approach to improve water oxidation performance with MOF-based photoelectrodes. <i>Applied Materials Today</i> , 2021, 24, 101159.	4.3	4
18	Fabrication of Z-scheme Bi <sub>2</sub> WO <sub>6</sub> /CNT/TiO <sub>2</sub> heterostructure with enhanced cephalixin photodegradation: Optimization and reaction mechanism. <i>Journal of Molecular Liquids</i> , 2021, 339, 116728.	4.9	42

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19	Preparation and characterization of nanofibrous metal-organic frameworks as efficient catalysts for the synthesis of cyclic carbonates in solvent-free conditions. Dalton Transactions, 2021, 50, 10567-10579.	3.3	13
20	Structural, spectroscopic characterization (UV-vis, FT-IR and NMR) and TGA, TEM, FE-SEM, NBO and FMO analysis for (PdII-PNHC) <sub>n</sub> @nSiO <sub>2</sub> . Journal of Molecular Structure, 2020, 1204, 127526.	3.6	16
21	Ce(IV) immobilized on halloysite nanotube-functionalized dendrimer (Ce(IV)-G2): A novel and efficient dendritic catalyst for the synthesis of pyrido[3,2-c]coumarin derivatives. Applied Organometallic Chemistry, 2020, 34, e5948.	3.5	18
22	Ultrafine Pt nanoparticles supported on a dendrimer containing thiol groups: an efficient catalyst for the synthesis of benzimidazoles and benzothiazoles from benzyl alcohol derivatives in water. RSC Advances, 2020, 10, 33137-33147.	3.6	17
23	Hierarchical Ti-Based MOF with Embedded RuO <sub>2</sub> Nanoparticles: a Highly Efficient Photoelectrode for Visible Light Water Oxidation. ACS Sustainable Chemistry and Engineering, 2020, 8, 18366-18376.	6.7	16
24	Nicotine-based ionic liquid supported on magnetic nanoparticles: An efficient and recyclable catalyst for selective one-pot synthesis of mono- and bis-4-H-pyrimido[2,1-b]benzothiazoles. Applied Organometallic Chemistry, 2020, 34, e5681.	3.5	15
25	Ionic Liquid Modification of Hierarchical ZSM-5 for Solvent-Free Insertion of CO <sub>2</sub> to Epoxides. Industrial & Engineering Chemistry Research, 2020, 59, 11970-11978.	3.7	20
26	Palladium nanoparticles immobilized on a nano-silica triazine dendritic polymer: a recyclable and sustainable nanoreactor for C-S cross-coupling. RSC Advances, 2020, 10, 21198-21205.	3.6	8
27	Highly efficient, stable and hysteresis-less planar perovskite solar cell based on chemical bath treated Zn <sub>2</sub> SnO <sub>4</sub> electron transport layer. Nano Energy, 2020, 75, 105038.	16.0	77
28	Efficient dye-sensitized solar cell based on a new porphyrin complex as an inorganic photosensitizer. Journal of Chemical Sciences, 2020, 132, 1.	1.5	1
29	Ionic Liquid-Decorated MIL-101(Cr) via Covalent and Coordination Bonds for Efficient Solvent-Free CO <sub>2</sub> Conversion and CO <sub>2</sub> Capture at Low Pressure. Journal of Physical Chemistry C, 2020, 124, 8716-8725.	3.1	34
30	Synthesis of Bi(III) Immobilized on Carboxyl-Terminated Triazine Dendrimer Stabilized Magnetic Nanoparticles: Improvement of Catalytic Activity for Synthesis of Indole-3-yl Acrylates. ChemistrySelect, 2020, 5, 7840-7848.	1.5	4
31	Ruthenium/dendrimer complex immobilized on silica-functionalized magnetite nanoparticles catalyzed oxidation of stilbenes to benzil derivatives at room temperature. Applied Organometallic Chemistry, 2020, 34, e5563.	3.5	11
32	Dynamic porous coordination polymers built-up from flexible 4,4'-dithiodibenzoate and rigid N-based ligands. Dalton Transactions, 2020, 49, 13142-13151.	3.3	4
33	Hierarchical Gold Mesoflowers in Enzyme Engineering: An Environmentally Friendly Strategy for the Enhanced Enzymatic Performance and Biodiesel Production. ACS Applied Bio Materials, 2020, 3, 8414-8426.	4.6	1
34	Molybdenum (VI)-functionalized UiO-66 provides an efficient heterogeneous nanocatalyst in oxidation reactions. Applied Organometallic Chemistry, 2019, 33, e5225.	3.5	12
35	Cycloaddition of CO <sub>2</sub> with epoxides and esterification reactions using the porous redox catalyst Co-POM@MIL-101(Cr). New Journal of Chemistry, 2019, 43, 15585-15595.	2.8	18
36	Novel bovine carbonic anhydrase encapsulated in a metal-organic framework: a new platform for biomimetic sequestration of CO <sub>2</sub> . RSC Advances, 2019, 9, 28460-28469.	3.6	30

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37	Preparation and Application of a New Supported Nicotine-Based Organocatalyst for Synthesis of Various 1,5-Benzodiazepines. <i>Catalysis Letters</i> , 2019, 149, 1057-1066.	2.6	14
38	Calixarene Based Ionic Liquid as an Efficient and Reusable Catalyst for One-Pot Multicomponent Synthesis of Polysubstituted Pyridines and Bispyridines. <i>ChemistrySelect</i> , 2019, 4, 5903-5910.	1.5	8
39	New homochiral and heterochiral Mo(VI) complex from racemic ligand: Synthesis, X-ray structure, diastereomers separation and biological activities. <i>Polyhedron</i> , 2019, 170, 70-85.	2.2	7
40	Copper(II) Schiff base complex immobilized on graphene nanosheets: a heterogeneous catalyst for epoxidation of olefins. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 747-756.	2.2	16
41	Facile and Green One-Pot Synthesis of Fluorophore Chromeno[4,3 <i>b</i> ]quinolin-6-one Derivatives Catalyzed by Halloysite Nanoclay under Solvent-free Conditions. <i>ChemistrySelect</i> , 2019, 4, 2301-2306.	1.5	11
42	Development of a novel bi-enzymatic silver dendritic hierarchical nanostructure cascade catalytic system for efficient conversion of starch into gluconic acid. <i>Chemical Engineering Journal</i> , 2019, 356, 423-435.	12.7	41
43	Task-Specific Ionic Liquid Functionalized MIL-101 (Cr) as a Heterogeneous and Efficient Catalyst for the Cycloaddition of CO <sub>2</sub> with Epoxides Under Solvent Free Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3962-3973.	6.7	66
44	Synthesis of chiral palladium oxazolidine and imine complexes: Investigation the oxazolidine-imine conversion by DFT method. <i>Polyhedron</i> , 2019, 160, 130-138.	2.2	5
45	Synthesis and characterization of a new poly(N-heterocyclic carbene Cu complex) immobilized on nano-silica, (Cull-NHCs) <sub>n</sub> @nSiO <sub>2</sub> , and its application as an efficient and reusable catalyst in the synthesis of benzimidazoles, benzothiazoles, 1,2,3-triazoles, bis-triazoles and sonogashira-hagihara reactions. <i>Inorganica Chimica Acta</i> , 2019, 485, 173-189.	2.4	20
46	A combined computational/experimental study on HSA binding of two water-soluble Schiff base ligands derived from pyridine derivative and ethylenediamine. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 641-648.	3.5	3
47	Ru(III) complex anchored onto amino-functionalized MIL-101 (Cr) framework via post-synthetic modification: an efficient heterogeneous catalyst for ring opening of epoxides. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 997-1006.	2.2	7
48	Ruthenium Nanoparticles Immobilized on Nano-silica Functionalized with Thiol-Based Dendrimer: A Nanocomposite Material for Oxidation of Alcohols and Epoxidation of Alkenes. <i>Catalysis Letters</i> , 2018, 148, 1110-1123.	2.6	30
49	Highly selective synthesis of mono- and bis-4,5-dihydropyrrolo[1,2-a]quinoxalines catalyzed by sustainable supported acidic ionic liquid in water media. <i>Monatshefte für Chemie</i> , 2018, 149, 557-567.	1.8	4
50	From dense blocking layers to different templated films in dye sensitized and perovskite solar cells: toward light transmittance management and efficiency enhancement. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2632-2642.	10.3	22
51	Studies on DNA binding properties of new Schiff base ligands using spectroscopic, electrochemical and computational methods: Influence of substitutions on DNA-binding. <i>Journal of Molecular Liquids</i> , 2018, 253, 61-71.	4.9	78
52	Synthesis and characterization of 4-methyl-1-(3-sulfopropyl)pyridinium hydrogen sulfate as a new ionic liquid immobilized on silica nanoparticles: A recyclable nanocomposite ionic liquid for the production of various substituted phthalazine-ones. <i>Journal of Molecular Liquids</i> , 2018, 253, 1-10.	4.9	11
53	UV irradiation- H <sub>2</sub> O <sub>2</sub> system as an effective combined depolymerization technique to produce. <i>Bio-Design and Manufacturing</i> , 2018, 1, 62-68.	7.7	8
54	A new poly(N-heterocyclic carbene Pd complex) immobilized on nano silica: An efficient and reusable catalyst for Suzuki-Miyaura, Sonogashira and Heck-Mizoroki C-C coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2018, 863, 60-69.	1.8	42

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55	Efficient biodiesel production using a lipase@ZIF-67 nanobioreactor. <i>Chemical Engineering Journal</i> , 2018, 334, 1233-1241.	12.7	175
56	Dodecatungstocobaltate heteropolyanion encapsulation into MIL-101(Cr) metal-organic framework scaffold provides a highly efficient heterogeneous catalyst for methanolysis of epoxides. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4065.	3.5	15
57	Supported ruthenium hydride catalysts for direct conversion of alcohols to carboxylic acids using styrene oxide as oxidant. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4048.	3.5	3
58	Copper containing nanosilica thioalated dendritic material: A recyclable catalyst for synthesis of benzimidazoles and benzothiazoles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3937.	3.5	21
59	Oxidation reactions catalysed by molybdenum(VI) complexes grafted on UiO-66 metal-organic framework as an elegant nanoreactor. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3958.	3.5	18
60	Highly efficient oxidative cleavage of alkenes and cyanosilylation of aldehydes catalysed by magnetically recoverable MIL-101. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3957.	3.5	8
61	Immobilization of a palladium(II) bis(imidazolium) complex onto graphene oxide by noncovalent interactions: an efficient and recyclable catalyst for Suzuki-Miyaura reaction. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 529-536.	2.2	11
62	A convenient approach for the synthesis of various derivatives of pyrazolo[1,2-b]phthalazinediones in the presence of an efficient supported basic ionic liquid at ambient temperature and solvent-free media. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 671-683.	2.2	7
63	Novel Multicomponent Synthesis of Pyridine-Pyrimidines and Their Bis-Derivatives Catalyzed by Triazine Diphosphonium Hydrogen Sulfate Ionic Liquid Supported on Functionalized Nanosilica. <i>ACS Combinatorial Science</i> , 2018, 20, 19-25.	3.8	12
64	The effect of the number of calcination steps on preparing crack free titania thick templated films for use in dye sensitized solar cells. <i>Materials Science in Semiconductor Processing</i> , 2018, 73, 99-105.	4.0	5
65	Synthesis of Quinolines and Pyrido[3,2-g or 2,3-g]quinolines Catalyzed by Heterogeneous Propylphosphonium Tetrachloroindate Ionic Liquid. <i>Journal of Organic Chemistry</i> , 2018, 83, 14743-14750.	3.2	16
66	MoO <sub>2</sub> (acac) <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> /HPG/COSH nanostructures: novel synthesis, characterization and catalyst activity for oxidation of olefins and sulfides. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 11991-12000.	2.2	11
67	Chloromethylated polystyrene supported copper (II) bis-thiazole complex: Preparation, characterization and its application as a heterogeneous catalyst for chemoselective and homoselective synthesis of aryl azides. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4436.	3.5	8
68	Nano-silica functionalized with thiol-based dendrimer as a host for gold nanoparticles: An efficient and reusable catalyst for chemoselective oxidation of alcohols. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4440.	3.5	11
69	Molecular structure, FT IR, NMR, UV, NBO and HOMO-LUMO of 1-(3-(dimethylamino)propyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile by DFT/B3LYP and PBEPBE methods with LanL2DZ and 6-311++G(d,2p) basis sets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 180, 51-66.	3.9	46
70	Chemical fixation of carbon dioxide catalyzed by magnetically recoverable NH <sub>2</sub> -MIL-101(Al) as an elegant nanoreactor. <i>Catalysis Communications</i> , 2017, 94, 42-46.	3.3	11
71	Suzuki-Miyaura cross-coupling reaction by palladium immobilized on functionalized magnetic nanoparticles with NNN and NNS Schiff base ligands in a mild reaction condition. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1139-1150.	2.2	23
72	Manganese (III) salphen supported on nanosilica triazine dendrimer as a selective heterogeneous catalyst for oxidation of alcohols with sodium periodate. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1317-1323.	2.2	4

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73	Self-recognition of the racemic ligand in the formation of homochiral dinuclear V(V) complex: In vitro anticancer activity, DNA and HSA interaction. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 230-240.	5.5	33
74	Chloroaluminate ionic liquid-modified silica-coated magnetic nanoparticles: Efficient and reusable catalyst for selective synthesis of mono- and bis-dihydropyrano[3,2-b]chromenediones. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3799.	3.5	13
75	Diastereoselective Synthesis of Symmetrical and Unsymmetrical Tetrahydropyridines Catalyzed by Bi(III) Immobilized on Triazine Dendrimer Stabilized Magnetic Nanoparticles. <i>ACS Combinatorial Science</i> , 2017, 19, 356-364.	3.8	21
76	SO <sub>3</sub> H-functionalized MCM-41 as an efficient catalyst for the combinatorial synthesis of 1H-pyrazolo-[3,4-b]pyridines and spiro-pyrazolo-[3,4-b]pyridines. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1583-1589.	2.2	11
77	Graphene oxide-bound electron-deficient tin(IV) porphyrin: a highly efficient and selective catalyst for trimethylsilylation of alcohols and phenols with hexamethyldisilazane. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3568.	3.5	5
78	Nano-silica supported palladium catalyst: Synthesis, characterization and application of its activity in Sonogashira cross-coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2017, 853, 5-12.	1.8	23
79	Copper(II) bis-thiazole complex immobilized on silica nanoparticles: Preparation, characterization and its application as a highly efficient catalyst for click synthesis of 1,2,3-triazoles. <i>Polyhedron</i> , 2017, 138, 21-30.	2.2	23
80	Elegant pH-Responsive Nanovehicle for Drug Delivery Based on Triazine Dendrimer Modified Magnetic Nanoparticles. <i>Langmuir</i> , 2017, 33, 8503-8515.	3.5	37
81	Metal organic framework-supported N-heterocyclic carbene palladium complex: A highly efficient and reusable heterogeneous catalyst for Suzuki-Miyaura C-C coupling reaction. <i>Microporous and Mesoporous Materials</i> , 2017, 253, 102-111.	4.4	48
82	Catalytic synthesis of cyclic carbonates from epoxides and carbon dioxide by magnetic UiO-66 under mild conditions. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3656.	3.5	13
83	Microwave-assisted, regioselective one-pot synthesis of quinolines and bis-quinolines catalyzed by Bi(III) immobilized on triazine dendrimer stabilized magnetic nanoparticles. <i>Tetrahedron Letters</i> , 2017, 58, 71-74.	1.4	18
84	Synthesis, characterization and biological application of four novel metal-Schiff base complexes derived from allylamine and their interactions with human serum albumin: Experimental, molecular docking and ONIOM computational study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 448-462.	3.8	62
85	Selective tetrahydropyranlation of alcohols and phenols using titanium(IV) salophen trifluoromethanesulfonate as an efficient catalyst. <i>Applied Organometallic Chemistry</i> , 2016, 30, 872-875.	3.5	6
86	[Mn(TPPS)] immobilized on ionic liquid-modified silica as a heterogeneous and reusable catalyst for epoxidation of alkenes with NaIO <sub>4</sub> under ultrasonic irradiation. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1061-1067.	2.2	6
87	Synthesis and characterization of Bi(III) immobilized on triazine dendrimer-stabilized magnetic nanoparticles: a reusable catalyst for the synthesis of aminonaphthoquinones and bis-aminonaphthoquinones. <i>New Journal of Chemistry</i> , 2016, 40, 6171-6184.	2.8	41
88	Highly efficient dye-sensitized solar cell prepared by electrophoretic deposition method: the effect of TiO <sub>2</sub> films thickness on the performance of cells. <i>Applied Solar Energy (English Translation of) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 137</i>		
89	Efficient one-pot synthesis of new fused pyridines and bis-pyridines catalyzed by triazine diposphonium hydrogen sulfate ionic liquid supported on functionalized nano-silica. <i>Tetrahedron Letters</i> , 2016, 57, 2294-2297.	1.4	12
90	Graphene oxide nanosheets supported manganese(III) porphyrin: a highly efficient and reusable biomimetic catalyst for epoxidation of alkenes with sodium periodate. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1509-1516.	2.2	15

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91	Synthesis, characterization and separation of chiral and achiral diastereomers of Schiff base Pd(II) complex: A comparative study of their DNA- and HSA-binding. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 246-260.	3.8	30
92	Mono- and multifold C–C coupling reactions catalyzed by a palladium complex encapsulated in MIL-Cr as a three dimensional nano reactor. <i>RSC Advances</i> , 2016, 6, 92463-92472.	3.6	13
93	Synthesis and characterization of a host (a new thiol based dendritic polymer)–guest (Pd) Tj ETQq1 1 0.784314 rgBT /Overlock 10 reactions. <i>RSC Advances</i> , 2016, 6, 104608-104619.	3.6	15
94	Ruthenium Hydride Complex Supported on Gold Nanoparticle Cored Triazine Dendrimers for C–C Coupling Reactions. <i>Organometallics</i> , 2016, 35, 1747-1755.	2.3	19
95	Convenient synthesis of polysubstituted pyrroles and symmetrical and unsymmetrical bis-pyrroles catalyzed by H3PW12O40. <i>Comptes Rendus Chimie</i> , 2016, 19, 381-389.	0.5	10
96	Anchoring of Cu(II) onto surface of porous metal-organic framework through post-synthesis modification for the synthesis of benzimidazoles and benzothiazoles. <i>Journal of Solid State Chemistry</i> , 2016, 235, 145-153.	2.9	28
97	A new N-heterocyclic carbene palladium complex immobilized on nano silica: An efficient and recyclable catalyst for Suzuki–Miyaura C–C coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2016, 809, 31-37.	1.8	22
98	Bi(OTf) <sub>3</sub> -catalysed domino Friedel–Crafts alkylation of arenes with aldehydes: an upgraded method for efficient synthesis of triarylmethanes and anthracene derivatives. <i>Tetrahedron</i> , 2016, 72, 1433-1439.	1.9	19
99	Manganese(III) salophen supported on a silica containing triazine dendrimer: an efficient catalyst for epoxidation of alkenes with sodium periodate. <i>RSC Advances</i> , 2016, 6, 20128-20134.	3.6	25
100	Synthesis and characterization of a novel polyoxometalate–Cu(II) hybrid catalyst for efficient synthesis of triazols. <i>Polyhedron</i> , 2016, 115, 61-66.	2.2	13
101	Copper Dithiol Complex Supported on Silica Nanoparticles: A Sustainable, Efficient, and Eco-friendly Catalyst for Multicomponent Click Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1454-1462.	6.7	33
102	A graphene oxide immobilized Cu(II) complex of 1,2-bis(4-aminophenylthio)ethane: an efficient catalyst for epoxidation of olefins with tert-butyl hydroperoxide. <i>New Journal of Chemistry</i> , 2016, 40, 2280-2286.	2.8	38
103	Epoxidation of alkenes with NaIO <sub>4</sub> catalyzed by an efficient and reusable natural polymer-supported ruthenium(III) salophen catalyst. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 631-636.	2.2	13
104	Immobilization of palladium(II)-containing bis(imidazolium) ligand on ion-exchange resins: efficient and reusable catalysts for C–C coupling reactions. <i>Applied Organometallic Chemistry</i> , 2015, 29, 346-352.	3.5	14
105	Zinc polyoxometalate on activated carbon: an efficient catalyst for selective oxidation of alcohols with hydrogen peroxide. <i>Applied Organometallic Chemistry</i> , 2015, 29, 561-565.	3.5	25
106	Sulfonated palladium(II) N-heterocyclic carbene complex immobilized on nano-micro size poly(4-vinylpyridinium chloride) for Suzuki–Miyaura cross-coupling reaction. <i>Applied Organometallic Chemistry</i> , 2015, 29, 678-682.	3.5	11
107	Efficient alkene epoxidation catalyzed by molybdenyl acetylacetonate supported on aminated UiO-66 metal-organic framework. <i>Journal of Solid State Chemistry</i> , 2015, 226, 262-272.	2.9	62
108	1-Methyl-3-(propyl-3-sulfonic acid)imidazolium triflate supported on magnetic nanoparticles: an efficient and reusable catalyst for synthesis of mono- and bis-isobenzofuran-1(3H)-ones under solvent-free conditions. <i>RSC Advances</i> , 2015, 5, 15274-15282.	3.6	16

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109	Highly efficient protection of alcohols and phenols catalysed by tin porphyrin supported on MIL-101. <i>Applied Organometallic Chemistry</i> , 2015, 29, 209-215.	3.5	11
110	A Novel pseudo-Four-Component Domino Reaction for the Synthesis of Naphtho[2,1-b]furan-2(1H)-ones Using a Nanocatalyst. <i>ACS Combinatorial Science</i> , 2015, 17, 452-458.	3.8	12
111	Polystyrene-supported ionic liquid copper complex: A reusable catalyst for one-pot three-component click reaction. <i>Applied Catalysis A: General</i> , 2015, 503, 186-195.	4.3	31
112	Propylphosphonium hydrogen carbonate ionic liquid supported on nano-silica as a reusable catalyst for the efficient multicomponent synthesis of fully substituted pyridines and bis-pyridines. <i>RSC Advances</i> , 2015, 5, 39978-39991.	3.6	18
113	Efficient synthesis of 2-arylindoles, 2-arylimidazo[1,2-a]pyridines and 2-arylquinoxalines, and their bis-derivatives using [Hmim]OTf ionic liquid supported on nano-silica as a reusable catalyst. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1369-1380.	2.2	5
114	Synthesis, characterization, crystal structure, DNA- and HSA-binding studies of a dinuclear Schiff base Zn(II) complex derived from 2-hydroxynaphthaldehyde and 2-picolyamine. <i>Journal of Molecular Structure</i> , 2015, 1096, 110-120.	3.6	51
115	Performance Enhancement of Dye-Sensitized Solar Cells Based on TiO <sub>2</sub> Thick Mesoporous Photoanodes by Morphological Manipulation. <i>Langmuir</i> , 2015, 31, 11659-11670.	3.5	20
116	Suzuki-Miyaura C coupling reactions catalysed by a homogeneous and nanosilica supported palladium N-heterocyclic carbene complex derived from 3,5-di(1-imidazolyl)pyridine. <i>New Journal of Chemistry</i> , 2015, 39, 9729-9734.	2.8	16
117	Xylanase Immobilized on Novel Multifunctional Hyperbranched Polyglycerol-Grafted Magnetic Nanoparticles: An Efficient and Robust Biocatalyst. <i>Langmuir</i> , 2015, 31, 9219-9227.	3.5	84
118	Catalyst-Free and Green Synthesis of Some Novel Benzamide Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1848-1857.	2.6	1
119	Catalytic CO <sub>2</sub> fixation using tin porphyrin supported on organic and inorganic materials under mild conditions. <i>Journal of Molecular Catalysis A</i> , 2015, 398, 1-10.	4.8	33
120	Highly efficient dye sensitized solar cells based on ordered and disordered mesoporous titania thick templated films. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2294-2304.	10.3	15
121	Effect of suspension media on the structure of TiO <sub>2</sub> films prepared by electrophoretic deposition method in dye-sensitized solar cells. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 529-536.	2.2	2
122	Epoxidation of alkenes and oxidation of sulfides catalyzed by a new binuclear vanadium bis-oxazoline complex. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 477-485.	2.2	12
123	Bismuth triflate, Bi(OTf) <sub>3</sub> , as an efficient and reusable catalyst for synthesis of dihydropyrano[3,2-b]chromenediones. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 573-580.	2.2	15
124	Direct electrochemical synthesis of copper(II) and zinc(II) complexes of the tetradentate ligand N,N'-bis(2-pyridinecarboxamide)-2-aminobenzylamine (H <sub>2</sub> bpa). The crystal structures of the ligand and its Cu(II) complex. <i>Polyhedron</i> , 2015, 85, 519-524.	2.2	5
125	Palladium Nanoparticles Immobilized on Nanosilica Triazine Dendritic Polymer (Pd np-nSTDP) as Catalyst in the Synthesis of Mono-, Di-, and Trisulfides through S Cross-Coupling Reactions. <i>Synlett</i> , 2014, 25, 645-652.	1.8	22
126	Magnetite Nanoparticles Immobilized Pectinase: Preparation, Characterization and Application for the Fruit Juices Clarification. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 329-336.	1.4	29

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127	Manganese(III) tetrapyrridylporphyrin-chloromethylated MIL-101 hybrid material: A highly active catalyst for oxidation of hydrocarbons. <i>Applied Catalysis A: General</i> , 2014, 477, 34-41.	4.3	47
128	SPIONs-bis(NHC)-palladium(II): A novel, powerful and efficient catalyst for Mizoroki-Heck and Suzuki-Miyaura C-C coupling reactions. <i>Journal of Molecular Catalysis A</i> , 2014, 385, 78-84.	4.8	72
129	Palladium(II) tetrakis(4-N,N,N-trimethylammoniumphenylene)porphyrin supported on ion-exchange resins as efficient and reusable catalysts for C-C coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2014, 759, 46-57.	1.8	17
130	Copper immobilized on nano-silica triazine dendrimer (Cu(II)-TD@nSiO <sub>2</sub> ) catalyzed synthesis of symmetrical and unsymmetrical 1,3-diynes under aerobic conditions at ambient temperature. <i>RSC Advances</i> , 2014, 4, 14291-14296.	3.6	25
131	Oxidation of alkenes and sulfides catalyzed by a new binuclear molybdenum bis-oxazoline complex. <i>Polyhedron</i> , 2014, 72, 19-26.	2.2	27
132	[C6(MIm) <sub>2</sub> ] <sub>2</sub> W10O <sub>32</sub> catalyzed efficient one-pot pseudo-four component synthesis of AT-130 analogues under microwave irradiations. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1493-1501.	2.2	1
133	Fabrication, characterization and application of nanopolymer supported copper (II) complex as an effective and reusable catalyst for the CN bond cross-coupling reaction of sulfonamides with arylboronic acids in water under aerobic conditions. <i>Journal of Molecular Catalysis A</i> , 2014, 387, 123-129.	4.8	48
134	New Pyridinium-Based Ionic Liquid as an Excellent Solvent-Catalyst System for the One-Pot Three-Component Synthesis of 2,3-Disubstituted Quinolines. <i>ACS Combinatorial Science</i> , 2014, 16, 93-100.	3.8	40
135	Carbon-carbon coupling reactions catalyzed by supported Pd porphyrins. <i>Applied Organometallic Chemistry</i> , 2014, 28, 337-346.	3.5	10
136	Copper Immobilized on Nanosilica Triazine Dendrimer (Cu(II)-TD@nSiO <sub>2</sub> )-Catalyzed Regioselective Synthesis of 1,4-Disubstituted 1,2,3-Triazoles and Bis- and Tris-Triazoles via a One-Pot Multicomponent Click Reaction. <i>Journal of Organic Chemistry</i> , 2014, 79, 1437-1443.	3.2	70
137	Ultrasound-assisted C-C coupling reactions catalyzed by unique SPION-A-Pd(EDTA) as a robust nanocatalyst. <i>RSC Advances</i> , 2014, 4, 8590.	3.6	22
138	A novel one-pot three component synthesis of N-(phenylimino)indazole-1-carbothioamides. <i>RSC Advances</i> , 2014, 4, 2251-2256.	3.6	4
139	Pd Nanoparticles Immobilized on Nanosilica Triazine Dendritic Polymer: A Reusable Catalyst for the Synthesis of Mono-, Di-, and Trialkynylaromatics by Sonogashira Cross-Coupling in Water. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5603-5609.	2.4	34
140	Highly dispersed palladium nanoparticles supported on amino functionalized metal-organic frameworks as an efficient and reusable catalyst for Suzuki cross-coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2014, 761, 127-133.	1.8	86
141	Efficient and Eco-friendly Syntheses of 1,5-Benzothiazepines and 1,5-Benzodiazepines Catalyzed by [Hmim][NO <sub>3</sub> ] under Mild Conditions. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 138-150.	2.6	13
142	Ru <sup>III</sup> (OTf) <sub>2</sub> SalophenCH <sub>2</sub> â€“NHSiO <sub>2</sub> â€“Fe: an efficient and magnetically recoverable catalyst for trimethylsilylation of alcohols and phenols with hexamethyldisilazane. <i>Applied Organometallic Chemistry</i> , 2014, 28, 304-309.	3.5	21
143	Synthesis and characterization of manganese(III) porphyrin supported on imidazole modified chloromethylated MIL-101(Cr): A heterogeneous and reusable catalyst for oxidation of hydrocarbons with sodium periodate. <i>Journal of Solid State Chemistry</i> , 2014, 218, 56-63.	2.9	37
144	Manganese porphyrin immobilized on magnetite nanoparticles as a recoverable nanocatalyst for epoxidation of olefins. <i>Materials Chemistry and Physics</i> , 2014, 146, 113-120.	4.0	28

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145	Nanomagnet-Bound Imidazole as a Heterogeneous Axial Ligand for Mn(III)(salophen)Cl: An Efficient, Recoverable and Recyclable Catalyst for Epoxidation of Alkenes with Sodium Periodate. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 923-929.	3.7	7
146	Selective oxidation of alkenes using [bmim] <sub>5</sub> [PW <sub>11</sub> ZnO <sub>39</sub> ] $\cdot$ 3H <sub>2</sub> O hybrid catalyst. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 777-782.	2.2	2
147	Preparation, characterization and photocatalytic properties of InVO <sub>4</sub> nanopowder and InVO <sub>4</sub> @TiO <sub>2</sub> nanocomposite toward degradation of azo dyes and formaldehyde under visible light and ultrasonic irradiation. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 535-544.	2.2	6
148	Nano-silica supported acidic ionic liquid as an efficient catalyst for the multi-component synthesis of indazolophthalazine-triones and bis-indazolophthalazine-triones. <i>Catalysis Science and Technology</i> , 2013, 3, 2717.	4.1	54
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150	High-valent tin(IV) porphyrins: Efficient and selective catalysts for cyclopropanation of styrene derivatives with EDA under mild conditions. <i>Journal of Organometallic Chemistry</i> , 2013, 741-742, 78-82.	1.8	10
151	Multi-wall carbon nanotube supported manganese(III) porphyrin: an efficient and reusable catalyst for oxidation of 2-imidazolines with sodium periodate. <i>Transition Metal Chemistry</i> , 2013, 38, 1-5.	1.4	11
152	Synthesis and characterization of Cu(II) containing nanosilica triazine dendrimer: A recyclable nanocomposite material for the synthesis of benzimidazoles, benzothiazoles, bis-benzimidazoles and bis-benzothiazoles. <i>Journal of Molecular Catalysis A</i> , 2013, 379, 243-254.	4.8	62
153	Papain enzyme supported on magnetic nanoparticles: Preparation, characterization and application in the fruit juice clarification. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1897-1904.	14.0	50
154	Ruthenium hydride complex supported on multi-wall carbon nanotubes for catalytic C=C bond formation via transfer hydrogenation. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 32-39.	1.8	17
155	One-Pot Three-Component Synthesis of Pyrano [3,2- <i>b</i> ]pyrazolo[4,3- <i>e</i> ]pyridin-8(1- <i>H</i> )-ones. <i>ACS Combinatorial Science</i> , 2013, 15, 141-146.	3.8	29
156	Palladium Nanoparticles Immobilized on Nano-Silica Triazine Dendritic Polymer (Pd <sub>np</sub> @STDP): An Efficient and Reusable Catalyst for Suzuki-Miyaura Cross-Coupling and Heck Reactions. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 957-972.	4.3	141
157	Green and efficient oxidation of benzylic alcohols with hydrogen peroxide catalyzed by an inorganic-organic hybrid catalyst. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1264-1275.	2.2	19
158	Direct oxidation of alcohols to carboxylic acids over ruthenium hydride catalyst with diphenyl sulfoxide oxidant. <i>Inorganic Chemistry Communication</i> , 2013, 29, 114-117.	3.9	10
159	Copper(II) ionic liquid catalyzed cyclization/aromatization of hydrazones with dimethyl acetylenedicarboxylate: a green synthesis of fully substituted pyrazoles. <i>New Journal of Chemistry</i> , 2013, 37, 2037.	2.8	29
160	Nano-rod catalysts: Building MOF bottles (MIL-101 family as heterogeneous single-site catalysts) around vanadium oxide ships. <i>Journal of Molecular Catalysis A</i> , 2013, 374-375, 46-52.	4.8	62
161	[Bmim][InCl <sub>4</sub> ]-Catalyzed Addition of Hydrazones to $\hat{I}^2$ -Diketones: An Efficient Regioselective Synthesis of Pyrazoles and Pyrazole-Fused Cyclohexanones. <i>Synlett</i> , 2013, 24, 1086-1090.	1.8	9
162	Magnetic nanoparticles supported manganese(III) tetrapyridylporphyrin catalyst via covalent interaction: A highly efficient and reusable catalyst for the oxidation of hydrocarbons. <i>Polyhedron</i> , 2013, 49, 158-166.	2.2	55

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163	Host (nanocavity of zeolite Y)-guest (ruthenium(III) salophen complex) nanocomposite materials: An efficient and reusable catalyst for shape-selective epoxidation of linear alkenes with sodium periodate. <i>Journal of Molecular Catalysis A</i> , 2013, 377, 92-101.	4.8	31
164	Ruthenium Hydride Catalyzed Direct Oxidation of Alcohols to Carboxylic Acids via Transfer Hydrogenation: Styrene Oxide as Oxygen Source. <i>Synlett</i> , 2012, 24, 90-96.	1.8	3
165	Diastereoselective Synthesis of Pyrazolines using a Bifunctional Brønsted Acidic Ionic Liquid under Solvent-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3095-3104.	4.3	32
166	New porphyrin-polyoxometalate hybrid materials: synthesis, characterization and investigation of catalytic activity in acetylation reactions. <i>Dalton Transactions</i> , 2012, 41, 11745.	3.3	22
167	A new green catalyst: 1,3,5-triazine-functionalized bisimidazolium dichloride tethered SPION catalyzed Betti synthesis. <i>Catalysis Science and Technology</i> , 2012, 2, 2440.	4.1	12
168	Regioselective multi-component synthesis of 1H-pyrazolo[3,4-d]pyrimidine-6(7H)-thiones. <i>Molecular Diversity</i> , 2012, 16, 591-600.	3.9	7
169	Synthesis of trans-1,3-diaryl-2-(5-methylisoxazol-3-yl)-2,3-dihydro-1H-naphtho[1,2-e][1,3]oxazines via bismuth(III)-catalyzed one-pot pseudo-four component reaction. <i>Molecular Diversity</i> , 2012, 16, 727-735.	3.9	7
170	Ruthenium salophen triflate: A reusable catalyst for alkylation of 1,3-dicarbonyl compounds. <i>Catalysis Communications</i> , 2012, 29, 122-126.	3.3	6
171	Nano-silica sulfuric acid catalyzed the efficient synthesis of 1,3,5-triarylbenzenes under microwave irradiation. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 791-798.	2.2	11
172	Multi-wall carbon nanotube supported tungsten hexacarbonyl: an efficient and reusable catalyst for epoxidation of alkenes with hydrogen peroxide. <i>Journal of Coordination Chemistry</i> , 2012, 65, 226-238.	2.2	28
173	Electrochemical synthesis and crystal structure of zinc(II) complexes with N <sub>2</sub> N'-bis(2S <sub>2</sub> amide)-thioether hexadentate ligands. <i>Polyhedron</i> , 2012, 41, 115-119.	2.2	11
174	Efficient and environmentally-benign three-component synthesis of quinolines and bis-quinolines catalyzed by recyclable potassium dodecatungstocobaltate trihydrate under microwave irradiation. <i>RSC Advances</i> , 2012, 2, 8713.	3.6	33
175	Efficient and selective olefination of aldehydes with ethyl diazoacetate catalyzed by high-valent tin(IV) porphyrins. <i>Journal of Organometallic Chemistry</i> , 2012, 720, 26-29.	1.8	7
176	Application of a multi-SO <sub>3</sub> H Brønsted acidic ionic liquid in water: a highly efficient and reusable catalyst for the regioselective and scaled-up synthesis of pyrazoles under mild conditions. <i>RSC Advances</i> , 2012, 2, 5610.	3.6	27
177	Synthesis and characterization of a new porphyrin-polyoxometalate hybrid material and investigation of its catalytic activity. <i>Dalton Transactions</i> , 2012, 41, 3087.	3.3	57
178	Selective oxidation of alcohols to aldehydes using inorganic-organic hybrid catalyst based on zinc substituted polyoxometalate and ionic liquid. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1071-1081.	2.2	34
179	[PZnMo <sub>2</sub> W <sub>9</sub> O <sub>39</sub> ] <sup>5-</sup> immobilized on ionic liquid-modified silica as a heterogeneous catalyst for epoxidation of olefins with hydrogen peroxide. <i>Comptes Rendus Chimie</i> , 2012, 15, 975-979.	0.5	12
180	MoO <sub>2</sub> (acac) <sub>2</sub> supported on multi-wall carbon nanotubes: Highly efficient and reusable catalysts for alkene epoxidation with tert-BuOOH. <i>Polyhedron</i> , 2012, 48, 212-220.	2.2	26

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181	Multi-wall carbon nanotubes supported molybdenyl acetylacetonate: Efficient and highly reusable catalysts for epoxidation of alkenes with tert-butyl hydroperoxide. <i>Materials Chemistry and Physics</i> , 2012, 137, 69-75.	4.0	22
182	Stability investigation of some heteropolyoxotungstate and heteropolyoxomolybdate salts in buffer solutions. <i>Journal of Molecular Liquids</i> , 2012, 174, 76-79.	4.9	11
183	The effect of encapsulated Zn-POM on the catalytic activity of MIL-101 in the oxidation of alkenes with hydrogen peroxide. <i>Journal of Coordination Chemistry</i> , 2012, 65, 463-473.	2.2	18
184	Multi-wall carbon nanotube supported manganese(III)tetraphenylporphyrin: efficient catalysts for epoxidation of alkenes with NaIO <sub>4</sub> under various reaction conditions. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1144-1157.	2.2	35
185	Readily prepared resin-bound 2-pyridinethiol and its application for removal of mercury ions. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 61-65.	2.2	4
186	MIL-101 metal-organic framework: A highly efficient heterogeneous catalyst for oxidative cleavage of alkenes with H <sub>2</sub> O <sub>2</sub> . <i>Catalysis Communications</i> , 2012, 17, 18-22.	3.3	55
187	High-valent titanium(IV)salophen: An efficient catalyst for rapid conversion of aldehydes to 1,1-diacetates with acetic anhydride. <i>Inorganica Chimica Acta</i> , 2012, 388, 102-105.	2.4	3
188	An efficient, expeditious, and diastereoselective one-pot pseudo-five-component reaction for the synthesis of new bis-Betti bases under catalyst-free conditions. <i>Tetrahedron Letters</i> , 2012, 53, 3086-3090.	1.4	23
189	Electron-deficient tin(IV)tetraphenylporphyrin perchlorate: A highly efficient catalyst for chemical fixation of carbon dioxide. <i>Polyhedron</i> , 2012, 32, 68-72.	2.2	28
190	Highly efficient and chemoselective trimethylsilylation of alcohols and phenols with hexamethyldisilazane (HMDS) catalyzed by reusable electron-deficient [TiIV(salophen)(OTf) <sub>2</sub> ]. <i>Polyhedron</i> , 2012, 31, 332-338.	2.2	12
191	Microwave-promoted efficient conversion of acetophenones to 1,3,5-triarylbenzenes catalyzed by H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> and nano-silica supported H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> as reusable catalysts. <i>Polyhedron</i> , 2012, 31, 721-728.	2.2	27
192	Highly efficient and selective trimethylsilylation of alcohols and phenols with hexamethyldisilazane catalyzed by polystyrene-bound tin(IV) porphyrin. <i>Polyhedron</i> , 2012, 35, 87-95.	2.2	17
193	Application of tin(IV) porphyrin complexes as novel catalysts for the synthesis of new copolyurethanes with cyclopeptide moiety. <i>Journal of Applied Polymer Science</i> , 2012, 124, 638-646.	2.6	5
194	Biomimetic epoxidation of alkenes with sodium periodate catalyzed by tetraphenylporphyrinatomanganese(III) chloride supported on multiwall carbon nanotubes. <i>Transition Metal Chemistry</i> , 2012, 37, 45-53.	1.4	22
195	Olefin epoxidation with <i>tert</i> -BuOOH catalyzed by vanadium polyoxometalate immobilized on ionic liquid-modified MCM-41. <i>Journal of Coordination Chemistry</i> , 2011, 64, 4134-4144.	2.2	27
196	[C <sub>6</sub> (MIm) <sub>2</sub> ] <sub>2</sub> W <sub>10</sub> O <sub>32</sub> . 2H <sub>2</sub> O: A novel and powerful catalyst for the synthesis of 4-arylidene-2-phenyl-5(4)-oxazolones under ultrasonic condition. <i>Comptes Rendus Chimie</i> , 2011, 14, 869-877.	0.5	21
197	Facile and green synthesis of triarylmethanes using silica sulfuric acid as a reusable catalyst under solvent-free conditions. <i>Comptes Rendus Chimie</i> , 2011, 14, 934-943.	0.5	19
198	Host (nanocavity of zeolite- $\gamma$ )-guest (molybdophosphoric acid) nanocomposite materials: An efficient catalyst for solvent-free synthesis and deprotection of 1,1-diacetates. <i>Comptes Rendus Chimie</i> , 2011, 14, 953-956.	0.5	7

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199	Efficient one-pot synthesis of 2,3-dihydroquinazolin-4(1H)-ones from aromatic aldehydes and their one-pot oxidation to quinazolin-4(3H)-ones catalyzed by Bi(NO <sub>3</sub> ) <sub>3</sub> ·5H <sub>2</sub> O: Investigating the role of the catalyst. <i>Comptes Rendus Chimie</i> , 2011, 14, 944-952.	0.5	26
200	Polystyrene-bound electron-deficient tin(IV) porphyrin: A new, highly efficient, robust and reusable catalyst for acetylation of alcohols and phenols with acetic anhydride. <i>Comptes Rendus Chimie</i> , 2011, 14, 1080-1087.	0.5	10
201	Highly efficient tetrahydropyranylation of alcohols and phenols catalyzed by a new and reusable high-valent vanadium(IV) porphyrin. <i>Comptes Rendus Chimie</i> , 2011, 14, 1095-1102.	0.5	13
202	Highly efficient epoxidation of alkenes with sodium periodate catalyzed by reusable polystyrene-bound ruthenium(III) salophen. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 1019-1029.	2.2	17
203	H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> @[bmim][FeCl <sub>4</sub> ]: A green catalytic system for alkoxy methylation of alcohols and their one-pot interconversion to acetates and TMS-ethers. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 513-524.	2.2	5
204	Investigation of catalytic activity of high-valent vanadium(IV) tetraphenylporphyrin: A new, highly efficient and reusable catalyst for acetylation of alcohols and phenols with acetic anhydride. <i>Inorganica Chimica Acta</i> , 2011, 377, 159-164.	2.4	25
205	A simple conversion of azlactones into indenones via H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> /Al <sub>2</sub> O <sub>3</sub> catalyzed intramolecular Friedel-Crafts reaction. <i>Tetrahedron Letters</i> , 2011, 52, 7149-7152.	1.4	13
206	Investigation of the catalytic activity of an electron-deficient vanadium(IV) tetraphenylporphyrin: A new, highly efficient and reusable catalyst for ring-opening of epoxides. <i>Polyhedron</i> , 2011, 30, 2244-2252.	2.2	31
207	Electron-deficient [TiIV(salophen)(OTf) <sub>2</sub> ]: A new and highly efficient catalyst for the acetylation of alcohols and phenols with acetic anhydride. <i>Polyhedron</i> , 2011, 30, 2237-2243.	2.2	9
208	Preparation and characterization of indium zinc oxide thin films by electron beam evaporation technique. <i>Materials Research Bulletin</i> , 2011, 46, 615-620.	5.2	9
209	Highly efficient epoxidation of alkenes with hydrogen peroxide catalyzed by tungsten hexacarbonyl supported on multi-wall carbon nanotubes. <i>Transition Metal Chemistry</i> , 2011, 36, 861-866.	1.4	6
210	Novel and chemoselective one-pot synthesis of 4-arylidene-2-phenyl-5(4H)-oxazolones starting from benzyl alcohols promoted by [(C <sub>14</sub> H <sub>24</sub> N <sub>4</sub> ) <sub>2</sub> W <sub>10</sub> O <sub>32</sub> ]-[bmim]NO <sub>3</sub> . <i>Monatshefte für Chemie</i> , 2011, 142, 1175-1180.	1.8	8
211	Preparation and characterization of molybdenum hexacarbonyl encapsulated in polystyrene and its application as an efficient and reusable catalyst for epoxidation of alkenes with tert-BuOOH. <i>Comptes Rendus Chimie</i> , 2011, 14, 604-610.	0.5	8
212	A green and selective synthesis of 2-aryloxazines and 2-aryltetrahydropyrimidines. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 479-483.	2.6	8
213	One-pot synthesis of 2,3-disubstituted-2,3-dihydroquinazolin-4(1H)-ones using [Hmim][NO <sub>3</sub> ] <sub>3</sub> : An eco-friendly protocol. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1419-1427.	2.6	7
214	H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> -Catalysed Alkylation of Arenes and Diveratrylmethanes: Convenient Routes to Triarylmethanes and to Symmetrical and Unsymmetrical 9,10-Diaryle-2,3,6,7-tetramethoxyanthracenes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1357-1366.	2.4	26
215	Electron-deficient vanadium(IV) tetraphenylporphyrin: A new, highly efficient and reusable catalyst for chemoselective trimethylsilylation of alcohols and phenols with hexamethyldisilazane. <i>Applied Organometallic Chemistry</i> , 2011, 25, 687-694.	3.5	7
216	Highly efficient chemical fixation of carbon dioxide catalyzed by high-valent tetraphenylporphyrinatotin(IV) triflate. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1489-1493.	3.9	39

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217	Highly efficient and green synthesis of 14-aryl(alkyl)-14H-dibenzo[a,j]xanthene and 1,8-dioxooctahydroxanthene derivatives catalyzed by reusable zirconyl triflate [ZrO(OTf) <sub>2</sub> ] under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2011, 22, 9-12.	9.0	25
218	Dehydrogenation of 2-imidazolines with sodium periodate catalyzed by manganese(III) tetraphenylporphyrin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2146-2148.	2.2	11
219	[C4mim][InCl <sub>4</sub> ]: An efficient catalyst-medium for alkoxymethylation of alcohols and their interconversion to acetates and TMS-ethers. <i>Comptes Rendus Chimie</i> , 2011, 14, 568-579.	0.5	5
220	Host (nanocavity of dealuminated zeolite-Y)-guest (12-molybdophosphoric acid) nanocomposite material: An efficient and reusable catalyst for synthesis of 14-substituted-14-H-dibenzo[a,j] xanthenes under thermal and microwave irradiation conditions. <i>Comptes Rendus Chimie</i> , 2011, 14, 489-495.	0.5	12
221	Zirconia-supported Keggin phosphomolybdovanadate nanocomposite: A heterogeneous and reusable catalyst for alkene epoxidation under thermal and ultrasonic irradiation conditions. <i>Comptes Rendus Chimie</i> , 2011, 14, 588-596.	0.5	8
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223	Tetrahydropyranylation of alcohols and phenols catalyzed by a new polystyrene-bound tin(IV) porphyrin. <i>Journal of Molecular Catalysis A</i> , 2011, 337, 95-101.	4.8	24
224	Oxidation of 2-imidazolines to 2-imidazoles with sodium periodate catalyzed by polystyrene-bound manganese(III) porphyrin. <i>Polyhedron</i> , 2011, 30, 1463-1468.	2.2	10
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