

Shahram Tangestaninejad

List of Publications by Year in descending order

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432
papers

10,880
citations

36271

51
h-index

98753

67
g-index

500
all docs

500
docs citations

500
times ranked

8470
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of aqueous media stable MIL101-OH/chitosan for diphenhydramine and metronidazole adsorption. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24286-24297.	2.7	12
2	Preparation and characterization of stable core/shell Fe ₃ O ₄ @Au decorated with an amine group for immobilization of lipase by covalent attachment. <i>RSC Advances</i> , 2022, 12, 5971-5977.	1.7	2
3	Adsorptive removal of ibuprofen to binary and amine-functionalized UiO-66 in the aquatic environment: synergistic/antagonistic evaluation. <i>Environmental Science and Pollution Research</i> , 2022, 29, 69502-69516.	2.7	10
4	Hyaluronic acid targeted metal organic framework based on iron (III) for delivery of platinum curcumin cytotoxic agent to triple negative breast cancer cell line. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	2
5	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.	1.2	0
6	Novel copper(II) and zinc(II) complexes of halogenated bidentate N,O-donor Schiff base ligands: Synthesis, characterization, crystal structures, DNA binding, molecular docking, DFT and TD-DFT computational studies. <i>Inorganica Chimica Acta</i> , 2021, 514, 120004.	1.2	74
7	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.	1.7	10
8	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.	1.1	8
9	Copolymer-templated Nickel Oxide for High-Efficiency Mesoscopic Perovskite Solar Cells in Inverted Architecture. <i>Advanced Functional Materials</i> , 2021, 31, 2102237.	7.8	51
10	Multifunctional approach to improve water oxidation performance with MOF-based photoelectrodes. <i>Applied Materials Today</i> , 2021, 24, 101159.	2.3	4
11	Enhancement of CO ₂ adsorption on natural zeolite, modified clinoptilolite with cations, amines and ionic liquids. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 22, 100495.	1.6	13
12	Effect of immobilizing ionic liquid on amine-functionalized MIL-101(Cr) incorporated in Matrimid membranes for CO ₂ /CH ₄ separation. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 168, 108590.	1.8	26
13	Preparation and characterization of nanofibrous metal-organic frameworks as efficient catalysts for the synthesis of cyclic carbonates in solvent-free conditions. <i>Dalton Transactions</i> , 2021, 50, 10567-10579.	1.6	13
14	Improved CO ₂ transport properties of Matrimid membranes by adding amine-functionalized PVDF and MIL-101(Cr). <i>Separation and Purification Technology</i> , 2020, 235, 116149.	3.9	27
15	The effect of reaction mixture movement on the performance of chromium-benzenedicarboxylate, MIL-101(Cr), applicable for CO ₂ adsorption through a new circulating solvothermal synthesis process. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 17-24.	1.2	5
16	Excellent performance of a novel dual Z-scheme Cu ₂ S/Ag ₂ S/BiVO ₄ heterostructure in metronidazole degradation in batch and continuous systems: Immobilization of catalytic particles on γ -Al ₂ O ₃ fiber. <i>Applied Surface Science</i> , 2020, 505, 144599.	3.1	54
17	Ce(IV) immobilized on halloysite nanotube-functionalized dendrimer (Ce(IV)-G ₂): A novel and efficient dendritic catalyst for the synthesis of pyrido[3,2-b]coumarin derivatives. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5948.	1.7	18
18	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. <i>RSC Advances</i> , 2020, 10, 33137-33147.	1.7	17

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19	Hierarchical Ti-Based MOF with Embedded RuO ₂ Nanoparticles: a Highly Efficient Photoelectrode for Visible Light Water Oxidation. ACS Sustainable Chemistry and Engineering, 2020, 8, 18366-18376.	3.2	16
20	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.	1.7	15
21	Ionic Liquid Modification of Hierarchical ZSM-5 for Solvent-Free Insertion of CO ₂ to Epoxides. Industrial & Engineering Chemistry Research, 2020, 59, 11970-11978.	1.8	20
22	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.	1.7	8
23	Metronidazole degradation by Z-scheme Ag ₂ S/BiVO ₄ /Al ₂ O ₃ heterojunction in continuous photo-reactor: response surface methodology optimization, reaction mechanism and the effect of water matrix. Journal of Environmental Chemical Engineering, 2020, 8, 104136.	3.3	22
24	Highly efficient, stable and hysteresis-less planar perovskite solar cell based on chemical bath treated Zn ₂ SnO ₄ electron transport layer. Nano Energy, 2020, 75, 105038.	8.2	77
25	Efficient dye-sensitized solar cell based on a new porphyrin complex as an inorganic photosensitizer. Journal of Chemical Sciences, 2020, 132, 1.	0.7	1
26	Ionic Liquid-Decorated MIL-101(Cr) via Covalent and Coordination Bonds for Efficient Solvent-Free CO ₂ Conversion and CO ₂ Capture at Low Pressure. Journal of Physical Chemistry C, 2020, 124, 8716-8725.	1.5	34
27	Synthesis of Bi(III) Immobilized on Carboxyl-Terminated Triazine Dendrimer Stabilized Magnetic Nanoparticles: Improvement of Catalytic Activity for Synthesis of Indolyl Acrylates. ChemistrySelect, 2020, 5, 7840-7848.	0.7	4
28	Mixed matrix membranes on the basis of Matrimid and palladium-zeolitic imidazolate framework for hydrogen separation. Iranian Polymer Journal (English Edition), 2020, 29, 479-491.	1.3	9
29	Dynamic porous coordination polymers built-up from flexible 4,4'-dithiodibenzoate and rigid N-based ligands. Dalton Transactions, 2020, 49, 13142-13151.	1.6	4
30	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.	2.3	1
31	Hole transport material based on modified N-annulated perylene for efficient and stable perovskite solar cells. Solar Energy, 2019, 194, 279-285.	2.9	8
32	Molybdenum (VI)-functionalized UiO-66 provides an efficient heterogeneous nanocatalyst in oxidation reactions. Applied Organometallic Chemistry, 2019, 33, e5225.	1.7	12
33	Introducing a dual-step procedure comprising microwave and electrical heating stages for the morphology-controlled synthesis of chromium-benzene dicarboxylate, MIL-101(Cr), applicable for CO ₂ adsorption. Journal of Environmental Management, 2019, 250, 109416.	3.8	13
34	Cycloaddition of CO ₂ with epoxides and esterification reactions using the porous redox catalyst Co-POM@MIL-101(Cr). New Journal of Chemistry, 2019, 43, 15585-15595.	1.4	18
35	Novel bovine carbonic anhydrase encapsulated in a metal-organic framework: a new platform for biomimetic sequestration of CO ₂ . RSC Advances, 2019, 9, 28460-28469.	1.7	30
36	Preparation and Application of a New Supported Nicotine-Based Organocatalyst for Synthesis of Various 1,5-Benzodiazepines. Catalysis Letters, 2019, 149, 1057-1066.	1.4	14

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37	Calixarene Based Ionic Liquid as an Efficient and Reusable Catalyst for One-Pot Multicomponent Synthesis of Polysubstituted Pyridines and Bis-Pyridines. <i>ChemistrySelect</i> , 2019, 4, 5903-5910.	0.7	8
38	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.	1.0	7
39	Synthesis, solution behaviour and potential anticancer activity of new trinuclear organometallic palladium(II) complex of {S}-1-phenylethyl dithiooxamide: Comparison with the trinuclear heterobimetallic platinum(II) analogue. <i>Polyhedron</i> , 2019, 164, 195-201.	1.0	9
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.	1.2	16
41	Facile and Green One-Pot Synthesis of Fluorophore Chromeno[4,3-b]quinolin-6-one Derivatives Catalyzed by Halloysite Nanoclay under Solvent-free Conditions. <i>ChemistrySelect</i> , 2019, 4, 2301-2306.	0.7	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.	6.6	41
43	Task-Specific Ionic Liquid Functionalized "MIL" 101 (Cr) as a Heterogeneous and Efficient Catalyst for the Cycloaddition of CO ₂ with Epoxides Under Solvent Free Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3962-3973.	3.2	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.	1.0	5
45	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.	2.0	3
46	Investigating the possibility of using Acetic acid in place of HF in chromium-benzenedicarboxylates (MIL-53 and MIL-101) synthesis applicable for CO ₂ adsorption. <i>Advanced Materials Letters</i> , 2019, 10, 604-609.	0.3	4
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.	1.2	7
48	Preparation and characterization of mixed matrix membranes based on Matrimid/PVDF blend and MIL-101(Cr) as filler for CO ₂ /CH ₄ separation. <i>Chemical Engineering Science</i> , 2018, 185, 92-104.	1.9	56
49	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.	1.4	30
50	Candida rugosa lipase immobilization on various chemically modified Chromium terephthalate MIL-101. <i>Journal of Molecular Liquids</i> , 2018, 254, 137-144.	2.3	31
51	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.	0.9	4
52	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.	5.2	22
53	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.	2.3	78
54	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.	2.3	11

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55	UV irradiation- H_2O_2 system as an effective combined depolymerization technique to produce. <i>Bio-Design and Manufacturing</i> , 2018, 1, 62-68.	3.9	8
56	Efficient biodiesel production using a lipase@ZIF-67 nanobioreactor. <i>Chemical Engineering Journal</i> , 2018, 334, 1233-1241.	6.6	175
57	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.	1.7	15
58	Copper containing nanosilica thioalated dendritic material: A recyclable catalyst for synthesis of benzimidazoles and benzothiazoles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3937.	1.7	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.	1.7	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.	1.7	8
61	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.	1.2	7
62	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
63	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.	1.9	5
64	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.	1.7	16
65	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.	1.7	8
66	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.	1.7	11
67	Chemical fixation of carbon dioxide catalyzed by magnetically recoverable NH ₂ -MIL-101(Al) as an elegant nanoreactor. <i>Catalysis Communications</i> , 2017, 94, 42-46.	1.6	11
68	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.	1.2	23
69	Manganese (III) salophen 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.	1.2	4
70	A comparative investigation of CO ₂ adsorption on powder and pellet forms of MIL-101. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 72, 45-52.	2.7	20
71	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.	2.6	33
72	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.	1.7	13

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73	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
74	[Bmim] ₅ [PNIW11O39]·3H ₂ O an organic-inorganic hybrid as catalyst for one-pot pseudo-five-component synthesis of tetrazolyldiazepines. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1753-1763.	1.2	2
75	SO ₃ 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.	1.2	11
76	Dual functional hybrid-polyoxometalate as a new approach for multidrug delivery. <i>Microporous and Mesoporous Materials</i> , 2017, 247, 23-30.	2.2	34
77	One-pot isocyanide-based five-component reaction: Synthesis of highly functionalized N-cyclohexyl-2-(2,4-dioxo-2,3,4,5 tetrahydro-1H-benzo[b][1,5]diazepin-3-yl)-2-phenylacetamides. <i>Synthetic Communications</i> , 2017, 47, 557-565.	1.1	7
78	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.	1.7	5
79	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.	0.8	23
80	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.	1.0	23
81	Elegant pH-Responsive Nanovehicle for Drug Delivery Based on Triazine Dendrimer Modified Magnetic Nanoparticles. <i>Langmuir</i> , 2017, 33, 8503-8515.	1.6	37
82	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.	2.2	48
83	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.	1.7	13
84	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.	0.7	18
85	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.	1.7	62
86	[Mn(TPPS)] immobilized on ionic liquid-modified silica as a heterogeneous and reusable catalyst for epoxidation of alkenes with NaIO ₄ under ultrasonic irradiation. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1061-1067.	1.2	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.	1.4	41
88	Highly efficient dye-sensitized solar cell prepared by electrophoretic deposition method: the effect of TiO ₂ 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 diphosphonium hydrogen sulfate ionic liquid supported on functionalized nano-silica. <i>Tetrahedron Letters</i> , 2016, 57, 2294-2297.	0.7	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.	1.2	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.	1.7	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.	1.7	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.	1.7	15
94	Ruthenium Hydride Complex Supported on Gold Nanoparticle Cored Triazine Dendrimers for C-C Coupling Reactions. <i>Organometallics</i> , 2016, 35, 1747-1755.	1.1	19
95	ctDNA interaction of Co-containing Keggin polyoxomolybdate and in vitro antitumor activity of free and its nano-encapsulated derivatives. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1895-1904.	1.2	19
96	Convenient synthesis of polysubstituted pyrroles and symmetrical and unsymmetrical bis-pyrroles catalyzed by H3PW12O40. <i>Comptes Rendus Chimie</i> , 2016, 19, 381-389.	0.2	10
97	Unambiguous mass spectral characterization of VX and its six other structural isomers using gas chromatography-mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2016, 396, 5-12.	0.7	9
98	Mass spectral study of the CWC-related S-alkyl methylphosphonochloridothioites/S,S-dialkyl (alkyl) ² methylphosphonodithioites under gas chromatography-mass spectrometry conditions. <i>International Journal of Mass Spectrometry</i> , 2016, 396, 13-21.	0.7	3
99	Wheel-shaped copper containing polyoxotungstate as an efficient catalyst in the three-component synthesis of 1,2,3-triazoles. <i>RSC Advances</i> , 2016, 6, 13609-13613.	1.7	8
100	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.	1.4	28
101	A metal-organic framework MIL-101 doped with metal nanoparticles (Ni & Cu) and its effect on CO ₂ adsorption properties. <i>RSC Advances</i> , 2016, 6, 632-640.	1.7	46
102	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.	0.8	22
103	Bi(OTf) ₃ -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.	1.0	19
104	Manganese(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.	1.7	25
105	Synthesis and characterization of a novel polyoxometalate-Cu(II) hybrid catalyst for efficient synthesis of triazols. <i>Polyhedron</i> , 2016, 115, 61-66.	1.0	13
106	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.	3.2	33
107	A graphene oxide immobilized Cu 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.	1.4	38
108	Characterization of Isomeric VX Nerve Agent Adducts on Albumin in Human Plasma Using Liquid Chromatography-Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 783-789.	0.5	8

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109	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.	1.7	14
110	Sulfonated palladium(II)-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.	1.7	11
111	New perspective to Keplerate polyoxomolybdates: Green oxidation of sulfides with hydrogen peroxide in water. <i>Catalysis Communications</i> , 2015, 66, 107-110.	1.6	53
112	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.	1.4	62
113	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.	1.7	16
114	Highly efficient protection of alcohols and phenols catalysed by tin porphyrin supported on MIL-101. <i>Applied Organometallic Chemistry</i> , 2015, 29, 209-215.	1.7	11
115	Synthesis, characterization, and optical properties of new pyridine- and thiophene-based copolymer bearing bulky naphthyl group. <i>Polymer Bulletin</i> , 2015, 72, 2979-2990.	1.7	0
116	A Novel pseudo-Four-Component Domino Reaction for the Synthesis of Naphtho[2,1-b]furan-2(H)-ones Using a Nanocatalyst. <i>ACS Combinatorial Science</i> , 2015, 17, 452-458.	3.8	12
117	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.	2.2	31
118	Electrochemical synthesis and crystal structure studies of defective dicubane tetranuclear hydroxo and carboxamide ligand bridged cobalt(II)-cobalt(III) complexes with carboxamides produced from unprotected hydroxyaromatic carboxylic acids. <i>Comptes Rendus Chimie</i> , 2015, 18, 654-661.	0.2	4
119	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.	1.7	18
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123	Suzuki-Miyaura C-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.	1.4	16
124	Xylanase Immobilized on Novel Multifunctional Hyperbranched Polyglycerol-Grafted Magnetic Nanoparticles: An Efficient and Robust Biocatalyst. <i>Langmuir</i> , 2015, 31, 9219-9227.	1.6	84
125	Catalytic performance of Keplerate polyoxomolybdates in green epoxidation of alkenes with hydrogen peroxide. <i>RSC Advances</i> , 2015, 5, 70424-70428.	1.7	21
126	In vitro antitumor activity of free and nano-encapsulated Na ₅ [PMo ₁₀ V ₂ O ₄₀]·nH ₂ O and its binding properties with ctDNA by using combined spectroscopic methods. <i>Journal of Inorganic Biochemistry</i> , 2015, 152, 74-81.	1.5	25

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128	Catalyst-Free and Green Synthesis of Some Novel Benzamide Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1848-1857.	1.4	1
129	Catalytic CO ₂ 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
130	Harvesting visible light for aerobic oxidation of alcohols by a novel and efficient hybrid polyoxometalate. <i>Dalton Transactions</i> , 2015, 44, 1709-1715.	1.6	29
131	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.	5.2	15
132	Synthesis, characterization and X-ray crystal structures of Vanadium(IV), Cobalt(III), Copper(II) and Zinc(II) complexes derived from an asymmetric bidentate Schiff-base ligand at ambient temperature. <i>Journal of Molecular Structure</i> , 2015, 1081, 494-505.	1.8	50
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141	Copper immobilized on nano-silica triazine dendrimer (Cu(<i>scp</i>)-TD@nSiO ₂) catalyzed synthesis of symmetrical and unsymmetrical 1,3-diynes under aerobic conditions at ambient temperature. <i>RSC Advances</i> , 2014, 4, 14291-14296.	1.7	25
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146	Carbon-carbon coupling reactions catalyzed by supported Pd porphyrins. <i>Applied Organometallic Chemistry</i> , 2014, 28, 337-346.	1.7	10
147	Copper Immobilized on Nanosilica Triazine Dendrimer (Cu(II)-TD@nSiO ₂)-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.	1.7	70
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153	Photocatalytic degradation of RhB, MG, MB, Roz.B, 3-BL and Cl-50 by PW12-APTES@MCF as nanosized mesoporous photocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1687-1701.	1.2	21
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159	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.	1.9	7
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167	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.	0.8	17
168	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
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182	{4,4-Dimethoxy-2,2-[2,2-dimethylpropane-1,3-diylbis(nitrilomethanylylidene)]diphenolato}copper(II) monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1255-m1255.	0.2	0
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185	Regioselective multi-component synthesis of 1H-pyrazolo[3,4-d]pyrimidine-6(7H)-thiones. <i>Molecular Diversity</i> , 2012, 16, 591-600.	2.1	7
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200	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.	2.0	22
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218	Host (nanocavity of zeolite-Y)â€“guest (molybdophosphoric acid) nanocomposite materials: An efficient catalyst for solvent-free synthesis and deprotection of 1,l-diacetates. <i>Comptes Rendus Chimie</i> , 2011, 14, 953-956.	0.2	7
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233	Novel and chemoselective one-pot synthesis of 4-arylidene-2-phenyl-5(4H)-oxazolones starting from benzyl alcohols promoted by [(C ₁₄ H ₂₄ N ₄) ₂ W ₁₀ O ₃₂]-[bmim]NO ₃ . <i>Monatshefte für Chemie</i> , 2011, 142, 1175-1180.	0.9	8
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237	H ₃ PW ₁₂ O ₄₀ -Catalysed Alkylation of Arenes and Diveratrylmethanes: Convenient Routes to Triarylmethanes and to Symmetrical and Unsymmetrical 9,10-Diaryl-2,3,6,7-tetramethoxyanthracenes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1357-1366.	1.2	26
238	Rapid and efficient protection of alcohols and phenols, and deprotection of trimethylsilyl ethers catalyzed by a cerium-containing polyoxometalate. <i>Applied Organometallic Chemistry</i> , 2011, 25, 83-86.	1.7	7
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240	Highly efficient chemical fixation of carbon dioxide catalyzed by high-valent tetraphenylporphyrinatotin(IV) triflate. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1489-1493.	1.8	39
241	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) ₂] under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2011, 22, 9-12.	4.8	25
242	Dehydrogenation of 2-imidazolines with sodium periodate catalyzed by manganese(III) tetraphenylporphyrin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2146-2148.	1.0	11
243	[C4mim][InCl ₄]: 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.	0.2	5
244	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.	0.2	12
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247	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
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254	[Mn(salophen)Cl] supported on modified polystyrene as a selective heterogeneous catalyst for oxidation of sulfides under ultrasonic irradiation. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, 673-677.	1.2	11
255	Highly efficient and selective methoxymethylation of alcohols and phenols catalyzed by reusable ZrO(OTf) ₂ under solvent-free conditions. <i>Monatshefte für Chemie</i> , 2010, 141, 641-647.	0.9	5
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259	Efficient epoxidation of alkenes with sodium periodate catalyzed by reusable manganese(III) salophen supported on multi-wall carbon nanotubes. <i>Applied Catalysis A: General</i> , 2010, 381, 233-241.	2.2	51
260	[SnIV(TPP)(BF ₄) ₂]: An efficient and reusable catalyst for chemoselective trimethylsilylation of alcohols and phenols with hexamethyldisilazane. <i>Polyhedron</i> , 2010, 29, 212-219.	1.0	25
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272	Ultrasound promoted selective synthesis of 2-aryl-5,6-dihydro-4H-1,3-oxazines catalyzed by K-10 and KSF montmorillonite clays: A practical procedure under mild and solvent-free conditions. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 857-862.	3.8	16
273	H3PW12O40@[bmim][FeCl4]: A novel and green catalyst-medium system for microwave-promoted selective interconversion of alkoxymethyl ethers into their corresponding nitriles, bromides and iodides. <i>Comptes Rendus Chimie</i> , 2010, 13, 1468-1473.	0.2	4
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282	Tricarbonylrhenium(I) complexes with N,N'-bis(2- and 4-nitrobenzaldehyde)-1,2-diiminoethane Schiff base ligands: synthesis, spectroscopic and crystal structure studies. <i>Transition Metal Chemistry</i> , 2009, 34, 225-230.	0.7	4
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288	Ru(salophen)Cl supported on polystyrene-bound imidazole: An efficient and robust heterogeneous catalyst for epoxidation of alkenes with sodium periodate. <i>Applied Catalysis A: General</i> , 2009, 370, 66-71.	2.2	39

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294	Photocatalytic degradation of azo dyes catalyzed by Ag doped TiO ₂ photocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 578-587.	1.2	90
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328	Bis[N-(4-nitrophenyl)thiobenzamidato]mercury(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, m494-m495.	0.4	0
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342	Mn(Br ₈ TPP)Cl supported on polystyrene-bound imidazole: An efficient and reusable catalyst for biomimetic alkene epoxidation and alkane hydroxylation with sodium periodate under various reaction conditions. <i>Applied Catalysis A: General</i> , 2006, 303, 221-229.	2.2	35

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