

Shahram Tangestaninejad

List of Publications by Year in descending order

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432
papers

10,880
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36303

51
h-index

98798

67
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500
all docs

500
docs citations

500
times ranked

8470
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient biodiesel production using a lipase@ZIF-67 nanobioreactor. <i>Chemical Engineering Journal</i> , 2018, 334, 1233-1241.	12.7	175
2	Palladium Nanoparticles Immobilized on Nano-Silica Triazine Dendritic Polymer (Pd _{np} -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
3	Thiocyanate-selective electrodes based on nickel and iron phthalocyanines. <i>Analytica Chimica Acta</i> , 1999, 402, 137-143.	5.4	113
4	Cobalt(II) salophen-modified carbon-paste electrode for potentiometric and voltammetric determination of cysteine. <i>Analytical Biochemistry</i> , 2003, 320, 32-38.	2.4	113
5	Salicylate-Selective Electrodes Based on Al(III) and Sn(IV) Salophens. <i>Analytical Chemistry</i> , 2000, 72, 956-962.	6.5	101
6	Rapid and efficient ring opening of epoxides catalyzed by a new electron deficient tin(IV) porphyrin. <i>Tetrahedron</i> , 2004, 60, 6105-6111.	1.9	99
7	PVC-Based Mn(III) Porphyrin Membrane-Coated Graphite Electrode for Determination of Histidine. <i>Analytical Chemistry</i> , 1999, 71, 2502-2505.	6.5	96
8	Photocatalytic degradation of azo dyes catalyzed by Ag doped TiO ₂ photocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 578-587.	2.2	90
9	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
10	Efficient olefin epoxidation with tetrabutylammonium periodate catalyzed by manganese porphyrin in the presence of imidazole. <i>Tetrahedron Letters</i> , 1994, 35, 945-948.	1.4	85
11	Alkene epoxidation catalyzed by molybdenum supported on functionalized MCM-41 containing N ⁻ S chelating Schiff base ligand. <i>Catalysis Communications</i> , 2009, 10, 853-858.	3.3	85
12	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
13	Photocatalytic mineralisation of mercaptans as environmental pollutants in aquatic system using TiO ₂ suspension. <i>Applied Catalysis B: Environmental</i> , 2001, 33, 57-63.	20.2	81
14	One-pot synthesis of dihydropyrimidinones using facile and reusable polyoxometalate catalysts for the Biginelli reaction. <i>Applied Catalysis A: General</i> , 2006, 309, 44-51.	4.3	78
15	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
16	Highly efficient, stable and hysteresis-less planar perovskite solar cell based on chemical bath treated Zn ₂ SnO ₄ electron transport layer. <i>Nano Energy</i> , 2020, 75, 105038.	16.0	77
17	A convenient preparation of polymer-supported manganese porphyrin and its use as hydrocarbon monooxygenation catalyst. <i>Journal of Molecular Catalysis A</i> , 2004, 217, 9-12.	4.8	75
18	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.	2.4	74

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19	Efficient regio- and stereoselective ring opening of epoxides with alcohols, acetic acid and water catalyzed by ammonium decatungstocerate(IV). <i>Tetrahedron</i> , 2003, 59, 8213-8218.	1.9	73
20	Efficient catalytic epoxidation of alkenes by a manganese porphyrin and periodate in the presence of imidazole. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 240.	2.0	72
21	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
22	Thiocyanate-Selective Membrane Electrode Based on (Octabromotetraphenylporphyrinato)manganese(III) Chloride. <i>Electroanalysis</i> , 1999, 11, 1340-1344.	2.9	70
23	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.	3.2	70
24	Manganese (III) salen immobilized on montmorillonite as biomimetic alkene epoxidation and alkane hydroxylation catalyst with sodium periodate. <i>Catalysis Communications</i> , 2006, 7, 289-296.	3.3	69
25	Diatomite-supported manganese Schiff base: An efficient catalyst for oxidation of hydrocarbons. <i>Applied Catalysis A: General</i> , 2008, 345, 97-103.	4.3	68
26	Manganese porphyrin derivatives as ionophores for thiocyanate-selective electrodes: the influence of porphyrin substituents and additives on the response properties. <i>Sensors and Actuators B: Chemical</i> , 2002, 87, 448-456.	7.8	67
27	Spectroscopic study on the interaction of ct-DNA with manganese Salen complex containing triphenyl phosphonium groups. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 90, 50-54.	3.9	67
28	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.	6.7	66
29	Nitrogen Ligand Complexes of Metal Chlorides as Effective Catalysts for the Highly Regio- and Chemoselective Silylation of Hydroxyl Groups with Hexamethyldisilazane (HMDS) at Room Temperature. <i>Synthetic Communications</i> , 1997, 27, 2709-2719.	2.1	65
30	Iron(II) Phthalocyanine-Modified Carbon-Paste Electrode for Potentiometric Detection of Ascorbic Acid. <i>Analytical Biochemistry</i> , 2001, 290, 277-282.	2.4	63
31	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
32	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
33	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
34	Potassium dodecatungstocobaltate trihydrate (K ₅ CoW ₁₂ O ₄₀ ·3H ₂ O): a mild and efficient catalyst for the tetrahydropyranlation of alcohols and their detetrahydropyranlation. <i>Tetrahedron Letters</i> , 2001, 42, 2851-2853.	1.4	61
35	Catalytic epoxidation of olefins with hydrogen peroxide by hybrid complex containing nickel(III) Schiff base complex covalently linked to polyoxometalate. <i>Applied Catalysis A: General</i> , 2008, 334, 106-111.	4.3	60
36	Novel catalytic acetylation and formylation of alcohols with potassium dodecatungstocobaltate trihydrate (K ₅ CoW ₁₂ O ₄₀ ·3H ₂ O). <i>Tetrahedron</i> , 2001, 57, 8333-8337.	1.9	57

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37	Rapid and efficient synthesis of 2-imidazolines and bis-imidazolines under ultrasonic irradiation. <i>Tetrahedron Letters</i> , 2006, 47, 2129-2132.	1.4	57
38	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
39	Epoxidation of alkenes by a readily prepared and highly active and reusable heterogeneous molybdenum-based catalyst. <i>Applied Catalysis A: General</i> , 2006, 299, 131-136.	4.3	56
40	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.	3.8	56
41	Bismuth(III) Chloride (BiCl ₃); An Efficient Catalyst for Mild, Regio- and Stereoselective Cleavage of Epoxides with Alcohols, Acetic Acid and Water. <i>Synthetic Communications</i> , 2000, 30, 2365-2374.	2.1	55
42	High-valent tin(IV) porphyrin, Sn ^{IV} (TPP)(BF ₄) ₂ , as an efficient catalyst for the ring-opening of epoxides. <i>Catalysis Communications</i> , 2007, 8, 2087-2095.	3.3	55
43	A readily prepared, highly reusable and active polymer-supported molybdenum carbonyl Schiff base complex as epoxidation catalyst. <i>Inorganic Chemistry Communication</i> , 2007, 10, 914-917.	3.9	55
44	MIL-101 metal-organic framework: A highly efficient heterogeneous catalyst for oxidative cleavage of alkenes with H ₂ O ₂ . <i>Catalysis Communications</i> , 2012, 17, 18-22.	3.3	55
45	Magnetic nanoparticles supported manganese(III) tetrapyrrolylporphyrin 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
46	Rapid and efficient oxidative decarboxylation of carboxylic acids with sodium periodate catalyzed by manganese (III) Schiff base complexes. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 903-906.	3.0	54
47	Water-soluble manganese(III) salen complex as a mild and selective catalyst for oxidation of alcohols. <i>Applied Catalysis A: General</i> , 2006, 315, 52-57.	4.3	54
48	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
49	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.	6.1	54
50	New perspective to Keplerate polyoxomolybdates: Green oxidation of sulfides with hydrogen peroxide in water. <i>Catalysis Communications</i> , 2015, 66, 107-110.	3.3	53
51	Highly efficient and selective acetylation of alcohols and phenols with acetic anhydride catalyzed by a high-valent tin(IV) porphyrin, Sn(IV)(TPP)(BF ₄) ₂ . <i>Journal of Molecular Catalysis A</i> , 2007, 274, 217-223.	4.8	52
52	Hydrocarbon oxidation catalyzed by vanadium polyoxometalate supported on mesoporous MCM-41 under ultrasonic irradiation. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 438-447.	8.2	52
53	Manganese(III) porphyrin supported on multi-wall carbon nanotubes: A highly efficient and reusable biomimetic catalyst for epoxidation of alkenes with sodium periodate. <i>Polyhedron</i> , 2009, 28, 3816-3822.	2.2	52
54	Mild and efficient oxidation of alcohols with sodium periodate catalyzed by polystyrene-bound Mn(III)porphyrin. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2901-2905.	3.0	51

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55	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.	4.3	51
56	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
57	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
58	Efficient Conversion of Epoxides to Thiiranes with Thiourea Catalyzed by Tin(IV) Porphyrin. <i>Synthetic Communications</i> , 1999, 29, 2079-2083.	2.1	50
59	Supported 12-tungstophosphoric acid as heterogeneous and recoverable catalysts for the synthesis of oxazolines, imidazolines and thiazolines under solvent-free conditions. <i>Polyhedron</i> , 2008, 27, 750-758.	2.2	50
60	Silica supported Mn(Br8TPP)Cl and Mn(TPP)Cl as efficient and reusable catalysts for selective hydrocarbon oxidation under various reaction conditions: The effect of substituted bromines on the catalytic activity and reusability. <i>Journal of Molecular Catalysis A</i> , 2008, 288, 116-124.	4.8	50
61	Silica sulfuric acid: A versatile and reusable heterogeneous catalyst for the synthesis of oxazolines and imidazolines under various reaction conditions. <i>Catalysis Communications</i> , 2008, 9, 894-901.	3.3	50
62	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.	3.6	50
63	Rapid and highly efficient trimethylsilylation of alcohols and phenols with hexamethyldisilazane (HMDS) catalyzed by reusable zirconyl triflate, [ZrO(OTf) ₂]. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2041-2046.	1.8	48
64	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
65	Manganese(III) tetrapyrrolylporphyrin-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
66	Rapid and efficient acetylation of alcohols and phenols with acetic anhydride catalyzed by electron-deficient tin(IV) porphyrin. <i>Journal of Molecular Catalysis A</i> , 2004, 219, 73-78.	4.8	46
67	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.	3.6	46
68	Biomimetic oxidation of Hantzsch 1,4-dihydropyridines with tetra-n-butylammonium periodate catalyzed by tetraphenylporphyrinatomanganese(III) chloride [Mn(TPP)Cl]. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3276-3278.	2.2	45
69	Environmental-friendly synthesis of oxazolines, imidazolines and thiazolines catalyzed by tungstophosphoric acid. <i>Catalysis Communications</i> , 2008, 9, 1153-1161.	3.3	45
70	Host (nanocavity of zeolite-Y or X)-guest (manganese (III) tetrakis[4-N-methylpyridinium]porphyrin) nanocomposite materials as efficient catalysts for biomimetic alkene epoxidation with sodium periodate: Shape-selective epoxidation of linear alkenes. <i>Journal of Molecular Catalysis A</i> , 2009, 302, 68-75.	4.8	45
71	RAPID AND EFFICIENT ACETYLATION OF ALCOHOLS AND PHENOLS WITH ACETIC ANHYDRIDE USING TIN(IV) PORPHYRIN AS CATALYST. <i>Synthetic Communications</i> , 2002, 32, 1337-1343.	2.1	44
72	Oxidation of alkanes with hydrogen peroxide catalyzed by Schiff base complexes covalently anchored to polyoxometalate. <i>Catalysis Communications</i> , 2008, 9, 2171-2174.	3.3	44

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73	PVC-Based Cobalt and Manganese Phthalocyanine Coated Graphite Electrodes for Determination of Thiocyanate. <i>Analytical Letters</i> , 1999, 32, 2737-2750.	1.8	43
74	Porphyryns as carriers in poly(vinyl chloride)-based membrane potentiometric sensors for histamine. <i>Analyst</i> , The, 1999, 124, 1319-1322.	3.5	43
75	Rapid and efficient oxidation of Hantzsch 1,4-dihydropyridines with sodium periodate catalyzed by manganese (III) Schiff base complexes. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2720-2724.	3.0	43
76	Selective alkene epoxidation and alkane hydroxylation with sodium periodate catalyzed by cationic Mn(III)-salen supported on Dowex MSC1. <i>Applied Catalysis A: General</i> , 2006, 301, 169-175.	4.3	43
77	Microwave-Promoted Alkynylation-Cyclization of 2-Aminoaryl Ketones: A Green Strategy for the Synthesis of 2,4-Disubstituted Quinolines. <i>Synlett</i> , 2010, 2010, 3104-3112.	1.8	43
78	A mild, efficient and \hat{I} -selective glycosidation by using potassium dodecatungstocobaltate trihydrate as catalyst. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3611-3614.	2.2	42
79	Biomimetic aromatization of Hantzsch 1,4-dihydropyridines with sodium periodate catalyzed by a new polystyrene-bound manganese porphyrin. <i>Canadian Journal of Chemistry</i> , 2006, 84, 1-4.	1.1	42
80	Highly efficient oxidation of sulfides with sodium periodate catalyzed by reusable silica supported Mn(Br8TPP)Cl and Mn(TPP)Cl catalysts under various reaction conditions. <i>Applied Catalysis A: General</i> , 2009, 353, 61-67.	4.3	42
81	Synthesis and characterization of Bi($\langle scp \rangle iii \langle /scp \rangle$) 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
82	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
83	Catalytic epoxidation of olefins and hydroxylation of alkanes with sodium periodate by water-soluble manganese(III)salen. <i>Journal of Molecular Catalysis A</i> , 2006, 244, 139-145.	4.8	40
84	Sonochemical and visible light induced photochemical and sonophotochemical degradation of dyes catalyzed by recoverable vanadium-containing polyphosphomolybdate immobilized on TiO ₂ nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 815-822.	8.2	40
85	Biomimetic oxidation of sulfides with sodium periodate catalyzed by polystyrene-bound manganese (III) tetrapyridylporphyrin. <i>Applied Catalysis A: General</i> , 2008, 349, 177-181.	4.3	40
86	Organic \hat{e} inorganic hybrid polyoxometalates: Efficient, heterogeneous and reusable catalysts for solvent-free synthesis of azlactones. <i>Applied Catalysis A: General</i> , 2011, 397, 27-34.	4.3	40
87	New Pyridinium-Based Ionic Liquid as an Excellent Solvent \hat{e} 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
88	Some mono- and binuclear platinacyclopentane complexes: a comparative kinetic study of reaction of ethyl iodide with platina(II)cyclopentane and dimethylplatinum(II) complexes. <i>Journal of Organometallic Chemistry</i> , 1998, 568, 53-61.	1.8	39
89	Efficient oxidative decarboxylation of carboxylic acids with sodium periodate catalyzed by supported manganese (III) porphyrin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3433-3435.	2.2	39
90	Host (nanocavity of zeolite-Y) \hat{e} guest (manganese(III) salophen complex) nanocomposite materials: An efficient catalyst for biomimetic alkene epoxidation and alkane hydroxylation with sodium periodate. <i>Applied Catalysis A: General</i> , 2007, 321, 49-57.	4.3	39

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91	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.	4.3	39
92	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
93	Polystyrene-bound imidazole as a heterogeneous axial ligand for Mn(salophen)Cl and its use as biomimetic alkene epoxidation and alkane hydroxylation catalyst with sodium periodate. <i>Applied Catalysis A: General</i> , 2006, 311, 43-50.	4.3	38
94	Rapid, highly efficient and chemoselective trimethylsilylation of alcohols and phenols with hexamethyldisilazane (HMDS) catalyzed by reusable electron-deficient tin(IV)porphyrin. <i>Applied Organometallic Chemistry</i> , 2009, 23, 446-454.	3.5	38
95	Molybdenum hexacarbonyl supported on functionalized multi-wall carbon nanotubes: Efficient and highly reusable catalysts for epoxidation of alkenes with tert-butyl hydroperoxide. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2014-2021.	1.8	38
96	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
97	Cerium Polyoxometalate as a Reusable Catalyst for Acetylation and Formylation of Alcohols. <i>Monatshefte für Chemie</i> , 2004, 135, 1257-1263.	1.8	37
98	MoO ₂ (acac) ₂ supported on silica functionalized imidazole as a highly efficient and reusable catalyst for alkene epoxidation with tert-BuOOH. <i>Inorganic Chemistry Communication</i> , 2008, 11, 270-274.	3.9	37
99	Investigation of catalytic activity of cobalt-Schiff base complex covalently linked to the polyoxometalate in the alkene and benzyl halide oxidation with hydrogen peroxide. <i>Catalysis Communications</i> , 2008, 9, 219-223.	3.3	37
100	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
101	Elegant pH-Responsive Nanovehicle for Drug Delivery Based on Triazine Dendrimer Modified Magnetic Nanoparticles. <i>Langmuir</i> , 2017, 33, 8503-8515.	3.5	37
102	Efficient oxidation of sulfides with sodium periodate catalyzed by manganese(III) Schiff base complexes. <i>Journal of Molecular Catalysis A</i> , 2005, 242, 251-255.	4.8	36
103	Multi-wall carbon nanotubes supported molybdenum hexacarbonyl: An efficient and highly reusable catalyst for epoxidation of alkenes with tert-butyl hydroperoxide. <i>Journal of Molecular Catalysis A</i> , 2010, 329, 44-49.	4.8	36
104	Polystyrene-bound imidazole as a heterogeneous axial ligand for Mn(TPP)Cl and its use as hydrocarbon monooxygenation catalyst in the alkene epoxidation and alkane hydroxylation with sodium periodate under various reaction conditions. <i>Catalysis Communications</i> , 2005, 6, 688-693.	3.3	35
105	Mn(Br8TPP)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.	4.3	35
106	Multi-wall carbon nanotube supported manganese(III)tetraphenylporphyrin: efficient catalysts for epoxidation of alkenes with NaIO ₄ under various reaction conditions. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1144-1157.	2.2	35
107	Epoxidation of alkenes by a highly reusable and efficient polymer-supported molybdenum carbonyl catalyst. <i>Catalysis Communications</i> , 2005, 6, 375-378.	3.3	34
108	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

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109	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
110	Dual functional hybrid-polyoxometalate as a new approach for multidrug delivery. <i>Microporous and Mesoporous Materials</i> , 2017, 247, 23-30.	4.4	34
111	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. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8716-8725.	3.1	34
112	Potentiometric Detection of 2-Mercaptobenzimidazole and 2-Mercaptobenzothiazole at Cobalt Phthalocyanine Modified Carbon-Paste Electrode. <i>Electroanalysis</i> , 2000, 12, 863-867.	2.9	33
113	ZrOCl ₂ ·8H ₂ O: An efficient and reusable catalyst for the synthesis of imidazolines and bis-imidazolines under various reaction conditions. <i>Applied Catalysis A: General</i> , 2007, 325, 99-104.	4.3	33
114	Photodegradation of aromatic amines by Ag-TiO ₂ photocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2009, 6, 800-807.	2.2	33
115	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
116	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
117	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
118	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
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128	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
129	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
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160	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 ₃) ₃ ·5H ₂ O: Investigating the role of the catalyst. <i>Comptes Rendus Chimie</i> , 2011, 14, 944-952.	0.5	26
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229	Ruthenium hydride complex supported on multi-wall carbon nanotubes for catalytic Câ€“C bond formation via transfer hydrogenation. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 32-39.	1.8	17
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