

# Mojtaba Amini

## List of Publications by Year in descending order

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137  
papers

3,389  
citations

147801

31  
h-index

197818

49  
g-index

146  
all docs

146  
docs citations

146  
times ranked

3591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal oxides and metal organic frameworks for the photocatalytic degradation: A review. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103726.	6.7	271
2	Transition metal oxide nanoparticles as efficient catalysts in oxidation reactions. <i>Nano Structures Nano Objects</i> , 2018, 14, 19-48.	3.5	122
3	Oxido-peroxido molybdenum(VI) complexes in catalytic and stoichiometric oxidations. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1093-1121.	18.8	116
4	Synthesis, X-ray structure and oxidation catalysis of a oxido-peroxido molybdenum(VI) complex with a tridentate Schiff base ligand. <i>Inorganic Chemistry Communication</i> , 2012, 20, 86-89.	3.9	109
5	A very simple method to synthesize nano-sized manganese oxide: an efficient catalyst for water oxidation and epoxidation of olefins. <i>Dalton Transactions</i> , 2012, 41, 11026.	3.3	89
6	Monomeric and dimeric oxido-peroxido tungsten(VI) complexes in catalytic and stoichiometric epoxidation. <i>Coordination Chemistry Reviews</i> , 2014, 268, 83-100.	18.8	81
7	On the importance of tetrel bonding interactions in lead(II) complexes with (iso)nicotinohydrazide based ligands and several anions. <i>Dalton Transactions</i> , 2016, 45, 10708-10716.	3.3	78
8	Polyoxometalate based thin film nanocomposite forward osmosis membrane: Superhydrophilic, anti-fouling, and high water permeable. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 328-338.	9.4	73
9	Synthesis and characterization of hydroxypropyl methylcellulose-g-poly(acrylamide)/LAPONITE® RD nanocomposites as novel magnetic- and pH-sensitive carriers for controlled drug release. <i>RSC Advances</i> , 2015, 5, 44516-44523.	3.6	64
10	Palladium and copper complexes with oxygen-nitrogen mixed donors as efficient catalysts for the Heck reaction. <i>Inorganica Chimica Acta</i> , 2012, 383, 46-51.	2.4	59
11	Cube-octameric silsesquioxane-mediated cargo copper Schiff base for efficient click reaction in aqueous media. <i>Journal of Molecular Catalysis A</i> , 2016, 414, 47-54.	4.8	59
12	Ligand-Driven Coordination Sphere-Induced Engineering of Hybrid Materials Constructed from PbCl <sub>2</sub> and Bis-Pyridyl Organic Linkers for Single-Component Light-Emitting Phosphors. <i>Inorganic Chemistry</i> , 2017, 56, 9698-9709.	4.0	56
13	Molybdenum oxo-peroxo complex: A very fast catalyst for oxidation and reduction of sulfur-based compounds. <i>Catalysis Communications</i> , 2012, 23, 14-19.	3.3	51
14	New insights in Type I and II CD <sub>20</sub> antibody mechanisms of action with a panel of novel CD <sub>20</sub> antibodies. <i>British Journal of Haematology</i> , 2018, 180, 808-820.	2.5	51
15	Catalytic efficiency of a novel complex of oxoperoxo molybdenum(VI): Synthesis, X-ray structure and alkane oxidation. <i>Inorganic Chemistry Communication</i> , 2012, 15, 52-55.	3.9	49
16	Synthesis, characterization and catalytic study of a novel iron(III)-tridentate Schiff base complex in sulfide oxidation by UHP. <i>Inorganic Chemistry Communication</i> , 2009, 12, 21-25.	3.9	48
17	An ultrasensitive label-free colorimetric biosensor for the detection of glucose based on glucose oxidase-like activity of nanolayered manganese-calcium oxide. <i>Analytica Chimica Acta</i> , 2020, 1110, 98-108.	5.4	46
18	Mn-doped ZrO <sub>2</sub> nanoparticles as an efficient catalyst for green oxidative degradation of methylene blue. <i>Catalysis Communications</i> , 2015, 72, 1-5.	3.3	45

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19	Anion-driven tetrel bond-induced engineering of lead(II) architectures with $\text{Ni}^{2+}$ -(1-(2-pyridyl)ethylidene)nicotinohydrazide: experimental and theoretical findings. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 171-182.	6.0	44
20	$\text{Pd}(\text{OAc})_2$ without added ligand as an active catalyst for Mizoroki-Heck reaction in aqueous media. <i>RSC Advances</i> , 2012, 2, 12091.	3.6	42
21	Enhancing forward osmosis (FO) performance of polyethersulfone/polyamide (PES/PA) thin-film composite membrane via the incorporation of GQDs@UiO-66-NH particles. <i>Journal of Water Process Engineering</i> , 2020, 33, 101107.	5.6	41
22	New molybdenum(VI) complex with ONS-donor thiosemicarbazone ligand: Preparation, structural characterization, and catalytic applications in olefin epoxidation. <i>Inorganic Chemistry Communication</i> , 2013, 27, 26-30.	3.9	40
23	Catalytic oxidation of sulfides to sulfoxide using manganese(III) complexes with bidentate O,N-donor oxazoline ligand and UHP oxidizing agent. <i>Catalysis Communications</i> , 2008, 10, 196-200.	3.3	39
24	A new vanadium Schiff base complex as catalyst for oxidation of alcohols. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3849-3858.	2.2	39
25	Functional materials generated by allying cyclodextrin-based supramolecular chemistry with living polymerization. <i>Polymer Chemistry</i> , 2019, 10, 3674-3711.	3.9	39
26	Two new silver(I) complexes with 2,4,6-tris(2-pyridyl)-1,3,5-triazine (tptz): Preparation, characterization, crystal structure and alcohol oxidation activity in the presence of oxone. <i>Polyhedron</i> , 2010, 29, 2837-2843.	2.2	38
27	Catalytic activity of $\text{MnO}_x/\text{WO}_3$ nanoparticles: synthesis, structure characterization and oxidative degradation of methylene blue. <i>New Journal of Chemistry</i> , 2014, 38, 1250-1255.	2.8	37
28	Epoxidation of olefins catalyzed by a molybdenum-Schiff base complex anchored in the pores of SBA-15. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 470-480.	4.8	35
29	Copper nanoparticles supported on $\text{CeO}_2$ as an efficient catalyst for click reactions of azides with alkynes. <i>Catalysis Communications</i> , 2016, 85, 13-16.	3.3	34
30	Synthesis, structure, and catalytic properties of copper, palladium and cobalt complexes containing an N,O-type bidentate thiazoline ligand. <i>Inorganica Chimica Acta</i> , 2016, 443, 22-27.	2.4	34
31	Two new copper(II) complexes with chelating N,O-type bidentate ligands: Synthesis, characterization, crystal structure and catalytic activity in azide-alkyne cycloaddition reaction. <i>Inorganica Chimica Acta</i> , 2017, 466, 398-404.	2.4	32
32	Spinel copper ferrite nanoparticles: Preparation, characterization and catalytic activity. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4470.	3.5	32
33	A Histidine pH sensor regulates activation of the Ras-specific guanine nucleotide exchange factor RasGRP1. <i>ELife</i> , 2017, 6, .	6.0	32
34	Rapid oxidative degradation of methylene blue by various metal oxides doped with vanadium. <i>RSC Advances</i> , 2015, 5, 37469-37475.	3.6	31
35	Polyamide-zinc oxide-based thin film nanocomposite membranes: Towards improved performance for forward osmosis. <i>Polyhedron</i> , 2020, 179, 114362.	2.2	31
36	Protective effects of cerium oxide nanoparticles in grapevine ( <i>Vitis vinifera</i> L.) cv. Flame Seedless under salt stress conditions. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112402.	6.0	31

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37	Vanadium (V) and Tungsten (VI) Oxoperoxo-Complexes Anchored on Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles: Versatile and Efficient Catalysts for the Oxidation of Alcohols and Sulfides. <i>Catalysis Letters</i> , 2017, 147, 2106-2115.	2.6	29
38	High-performance thin-film nanocomposite (TFN) forward osmosis (FO) membranes incorporated with porous hydrophobic-core/hydrophilic-shell nanoparticles. <i>Desalination</i> , 2021, 515, 115181.	8.2	29
39	Catalytic efficacy of an oxido-peroxido tungsten(VI) complex: synthesis, X-ray structure and oxidation of sulfides and olefins. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1897-1905.	2.2	28
40	New molybdenum (VI) catalyst for the epoxidation of alkenes and oxidation of sulfides: An experimental and theoretical study. <i>Inorganica Chimica Acta</i> , 2014, 411, 61-66.	2.4	28
41	Activated layered manganese oxides with deposited nano-sized gold or silver as an efficient catalyst for epoxidation of olefins. <i>RSC Advances</i> , 2013, 3, 24069.	3.6	27
42	Nano-layered manganese oxides as low-cost, easily synthesized, environmentally friendly and efficient catalysts for epoxidation of olefins. <i>RSC Advances</i> , 2012, 2, 3654.	3.6	26
43	Efficient imidazolium salts for palladium-catalyzed Mizoroki-Heck and Suzuki-Miyaura cross-coupling reactions. <i>Chinese Chemical Letters</i> , 2013, 24, 433-436.	9.0	26
44	Selective oxidation of sulfides and olefins by a manganese(III) complex containing an N,O-type bidentate oxazine ligand. <i>Journal of Coordination Chemistry</i> , 2013, 66, 464-472.	2.2	26
45	Preparation and characterization of TiO <sub>2</sub> -nanotube/Ti plates loaded Cu <sub>2</sub> O nanoparticles as a novel heterogeneous catalyst for the azide-alkyne cycloaddition. <i>Catalysis Communications</i> , 2016, 76, 72-75.	3.3	26
46	POSS-Based Covalent Networks: Supporting and Stabilizing Pd for Heck Reaction in Aqueous Media. <i>Catalysis Letters</i> , 2017, 147, 1086-1094.	2.6	26
47	Cube-octameric silsesquioxane (POSS)-capped magnetic iron oxide nanoparticles for the efficient removal of methylene blue. <i>Frontiers of Chemical Science and Engineering</i> , 2019, 13, 563-573.	4.4	26
48	Synthesis, X-ray structure, characterization and catalytic activity of a polymeric manganese(II) complex with iminodiacetate. <i>Applied Organometallic Chemistry</i> , 2011, 25, 559-563.	3.5	25
49	Manganese(II) complexes of 2,3,5,6-tetra-(2-pyridyl)pyrazine – Syntheses, crystal structures, spectroscopic, magnetic and catalytic properties. <i>Polyhedron</i> , 2013, 53, 132-143.	2.2	25
50	Cu <sub>2</sub> O nanocrystals with various morphology: Synthesis, characterization and catalytic properties. <i>Chinese Chemical Letters</i> , 2017, 28, 1125-1130.	9.0	25
51	Synthesis, X-ray structure, DFT studies, and catalytic activity of a vanadium(V) complex containing a tridentate Schiff base. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3770-3781.	2.2	24
52	V-doped titanium mixed oxides as efficient catalysts for oxidation of alcohols and olefins. <i>New Journal of Chemistry</i> , 2014, 38, 1581.	2.8	24
53	Thin-film nanocomposite membranes containing aspartic acid-modified MIL-53-NH <sub>2</sub> (Al) for boosting desalination and anti-fouling performance. <i>Desalination</i> , 2022, 521, 115386.	8.2	24
54	Synthesis, characterization, DFT studies and catalytic activities of manganese(ii) complex with 1,4-bis(2,2,6,6-tetramethyl-3-terpyridin-4-yl) benzene. <i>Dalton Transactions</i> , 2012, 41, 12282.	3.3	23

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55	Use of a molybdenum(VI) dioxide complex as a homogeneous and heterogeneous magnetically recoverable epoxidation catalyst. <i>Transition Metal Chemistry</i> , 2015, 40, 321-331.	1.4	22
56	Magnetic (chitosan/laponite)-immobilized copper(II) ions: an efficient heterogeneous catalyst for azide-alkyne cycloaddition. <i>New Journal of Chemistry</i> , 2017, 41, 3821-3828.	2.8	21
57	High-flux thin film nanocomposite forward osmosis membrane incorporated with blue lemon polyoxometalate based open-framework. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	21
58	MATISSE: a method for improved single cell segmentation in imaging mass cytometry. <i>BMC Biology</i> , 2021, 19, 99.	3.8	21
59	Larval habitats and species diversity of mosquitoes (Diptera: Culicidae) in West Azerbaijan Province, Northwestern Iran. <i>BMC Ecology</i> , 2020, 20, 60.	3.0	20
60	Synthesis, structural characterization and alcohol oxidation activity of a new mononuclear manganese(II) complex. <i>Transition Metal Chemistry</i> , 2010, 35, 297-303.	1.4	19
61	Synthesis, X-ray studies, and catalytic activity of tridentate Schiff base dioxo-molybdenum(VI). <i>Journal of Coordination Chemistry</i> , 2014, 67, 2435-2444.	2.2	19
62	New mononuclear manganese(II) complexes with 2,4,6-tris(2-pyridyl)-1,3,5-triazine (tptz) as selective catalyst in UHP oxidation of sulfides. <i>Polyhedron</i> , 2012, 34, 202-209.	2.2	18
63	Nanolayered manganese-calcium oxide as an efficient and environmentally friendly catalyst for alcohol oxidation. <i>Journal of Molecular Catalysis A</i> , 2014, 394, 303-308.	4.8	18
64	Polyoxomolybdate-stabilized Cu <sub>2</sub> O nanoparticles as an efficient catalyst for the azide-alkyne cycloaddition. <i>New Journal of Chemistry</i> , 2016, 40, 5313-5317.	2.8	17
65	Copper (II) Oxide Nanoparticles as an Efficient Catalyst in the Azide-Alkyne Cycloaddition. <i>ChemistrySelect</i> , 2016, 1, 4607-4612.	1.5	17
66	New cadmium(II) and zinc(II) coordination polymers derived from a pyridine-hydrazone block: Self-assembly generation, structural and topological features, and theoretical analysis. <i>Inorganica Chimica Acta</i> , 2017, 458, 68-76.	2.4	16
67	Thin film nanocomposite forward osmosis membranes modified with Zr-based metal-organic framework to improve desalination performance. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5339.	3.5	16
68	Dual enzymes-mimic activity of nanolayered manganese-calcium oxide for fluorometric determination of metformin. <i>Chemosphere</i> , 2022, 291, 133063.	8.2	16
69	Nano-sized Mn oxides as true catalysts for alcohol oxidation by a mononuclear manganese(II) complex. <i>Dalton Transactions</i> , 2015, 44, 15121-15125.	3.3	15
70	Mizoroki-Heck reaction over palladium nanoparticles supported on WO <sub>3</sub> . <i>Materials Research Bulletin</i> , 2016, 83, 179-185.	5.2	15
71	The effects of temperature and vacancies on dynamics of crack in graphene sheet. <i>AIP Advances</i> , 2014, 4, .	1.3	14
72	Synthesis, structural characterization and reactivity of manganese tungstate nanoparticles in the oxidative degradation of methylene blue. <i>Comptes Rendus Chimie</i> , 2015, 18, 199-203.	0.5	14

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73	Oxoperoxo tungsten(VI) complex immobilized on Schiff base-modified Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as a heterogeneous catalyst for oxidation of alcohols with hydrogen peroxide. <i>Journal of Coordination Chemistry</i> , 2017, 70, 328-339.	2.2	14
74	Copper (I) complex of 2,9-dimethyl-1,10-phenanthroline: Synthesis, structure, and catalytic properties. <i>Inorganica Chimica Acta</i> , 2018, 482, 333-339.	2.4	14
75	Ultra-small and highly dispersive iron oxide hydroxide as an efficient catalyst for oxidation reactions: a Swiss-army-knife catalyst. <i>Scientific Reports</i> , 2021, 11, 6642.	3.3	14
76	Synthesis, X-ray studies, DFT calculations and catalytic activity of a novel iron complex containing an N,O-type bidentate oxazine ligand. <i>Polyhedron</i> , 2013, 61, 94-98.	2.2	13
77	Ultrasonic and Lewis acid ionic liquid catalytic system for Kabachnik-Fields reaction. <i>Chemical Papers</i> , 2014, 68, .	2.2	13
78	A hexanuclear manganese complex: synthesis, characterization and catalytic activity toward organic sulfide oxidation. <i>New Journal of Chemistry</i> , 2014, 38, 5069-5074.	2.8	13
79	8-Hydroxyquinoline Functionalized Graphene Oxide: an Efficient Fluorescent Nanosensor for Zn <sup>2+</sup> in Aqueous Media. <i>Journal of Fluorescence</i> , 2018, 28, 1173-1180.	2.5	13
80	A sensitive colorimetric/fluorimetric nanoprobe for detection of polyphenols using peroxidase-mimic plasma-modified MoO <sub>3</sub> nanoparticles. <i>Chemosphere</i> , 2022, 295, 133747.	8.2	13
81	Molybdenum(VI) oxodiperoxo complex containing an oxazine ligand: synthesis, X-ray studies, and catalytic activity. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1429-1436.	2.2	12
82	An efficient glucose-based ligand for Heck and Suzuki coupling reactions in aqueous media. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 441-446.	2.2	12
83	Synthesis, characterization and catalytic properties of a copper complex containing decavanadate nanocluster, Na <sub>2</sub> [Cu(H <sub>2</sub> O) <sub>6</sub> ] <sub>2</sub> {V <sub>10</sub> O <sub>28</sub> }·4H <sub>2</sub> O. <i>Inorganic Chemistry Communication</i> , 2017, 77, 72-76.	3.9	12
84	Suzuki-Miyaura cross-coupling reactions in water using in situ generated palladium(II) phosphazane complexes. <i>Chinese Chemical Letters</i> , 2014, 25, 166-168.	9.0	11
85	Selective Oxidation of Sulfides Catalyzed by the Nanocluster Polyoxomolybdate (NH <sub>4</sub> ) <sub>12</sub> [Mo <sub>36</sub> (NO) <sub>4</sub> O <sub>108</sub> (H <sub>2</sub> O) <sub>16</sub> ]. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3873-3878.	2.0	11
86	Efficient and green oxidative degradation of methylene blue using Mn-doped ZnO nanoparticles (Zn <sub>1-x</sub> Mn <sub>x</sub> O). <i>Journal of Experimental Nanoscience</i> , 2015, 10, 1256-1268.	2.4	11
87	Synthesis, characterization and catalytic properties of tetrachlorocuprate(II) immobilized on layered double hydroxide. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3710.	3.5	11
88	A new decavanadate polyoxovanadate nanocluster: synthesis, characterization and rapid adsorption of methylene blue. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2940-2949.	2.2	11
89	Oxido-peroxido W(VI)-histidine-MgAl-layered double hydroxide composite as an efficient catalyst in sulfide oxidation. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4358.	3.5	11
90	Immobilization of copper nanoparticles on WO <sub>3</sub> with enhanced catalytic activity for the synthesis of 1,2,3-triazoles. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5959.	3.5	11

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91	Lessons from metal oxides to find why Nature selected manganese and calcium for water oxidation. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 8539-8544.	7.1	10
92	Preparation and Characterization of Magnetic Chitosan/Cu <sup>2+</sup> /Mg <sup>2+</sup> /Al Layered Double Hydroxide Nanocomposite for the One-Pot Three-Component (A3) Coupling of Aldehydes, Amines and Alkynes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2028-2035.	3.7	10
93	Synthesis, characterization and catalytic properties of a new binuclear copper(II) complex in the azide <sup>2-</sup> alkyne cycloaddition. <i>Polyhedron</i> , 2020, 188, 114698.	2.2	10
94	MATISSE: An analysis protocol for combining imaging mass cytometry with fluorescence microscopy to generate single-cell data. <i>STAR Protocols</i> , 2022, 3, 101034.	1.2	10
95	Synthesis, X-ray Studies, and Catalytic Efficacy of a Novel Iron Complex Containing an N,O-type Bidentate Thiazoline Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 385-389.	1.2	9
96	Nanolayered manganese <sup>2+</sup> calcium oxide as an efficient catalyst toward organic sulfide oxidation. <i>RSC Advances</i> , 2014, 4, 10851-10855.	3.6	9
97	A novel iron complex containing an N,O-type bidentate oxazoline ligand: Synthesis, X-ray studies, DFT calculations and catalytic activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 432-438.	3.9	9
98	Synthesis, characterization and catalytic properties of a copper-containing polyoxovanadate nanocluster in azide <sup>2-</sup> alkyne cycloaddition. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1564-1572.	2.2	9
99	A novel high-flux, thin-film composite desalination membrane via co-deposition of multifunctional polyhedral oligomeric silsesquioxane and polyoxometalate. <i>Polyhedron</i> , 2019, 168, 138-145.	2.2	9
100	Dysregulated RASGRP1 expression through RUNX1 mediated transcription promotes autoimmunity. <i>European Journal of Immunology</i> , 2021, 51, 471-482.	2.9	9
101	2-Aminoisoindoline-1,3-Dione-Functionalized Fe <sub>3</sub> O <sub>4</sub> /Chloro-Silane Core-Shell Nanoparticles as Reusable Catalyst: An Efficient Heterogeneous Magnetic Nanoparticles for Synthesis of 4-H-Pyran Derivatives through Multicomponent Reaction. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4561-4577.	2.6	9
102	A new nanocluster polyoxomolybdate [Mo <sub>36</sub> O <sub>110</sub> (NO) <sub>4</sub> (H <sub>2</sub> O) <sub>14</sub> ]·52H <sub>2</sub> O: Synthesis, characterization and application in oxidative degradation of common organic dyes. <i>Chinese Journal of Chemical Engineering</i> , 2018, 26, 337-342.	3.5	8
103	Synthesis of copper nanoparticles supported on MoO <sub>3</sub> using Sun spurge leaf extract and their catalytic activity. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4531.	3.5	8
104	Synthesis of dipyrromethanes in water and investigation of electronic and steric effects in efficiency of olefin epoxidation by sodium periodate catalyzed by manganese tetraaryl and <i>trans</i> -disubstituted porphyrin complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2019, 23, 671-678.	0.8	8
105	Novel thin film nanocomposite membranes incorporated with polyoxovanadate nanocluster for high water flux and antibacterial properties. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5494.	3.5	8
106	Synthesis and application of the uniform particle size of nano- $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> : dispersed nanoparticles of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> for green synthesis of aminophosphonates. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	7
107	Catalytic oxidation of organic sulfides by new iron-chloro Schiff base complexes: The effect of methoxy substitution and ligand isomerism on the electronic, electrochemical and catalytic performance of the complexes. <i>Polyhedron</i> , 2021, 200, 115135.	2.2	7
108	Synthesis and characterization of a new polyoxometalate nanocluster containing Mo and V as an environmentally green catalyst for oxidative degradation of organic pollutants from aquatic environments. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6511.	3.5	7

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109	Synthesis of Peroxidase-Like V <sub>2</sub> O <sub>5</sub> Nanoparticles for Dye Removal from Aqueous Solutions. <i>Topics in Catalysis</i> , 2022, 65, 694-702.	2.8	7
110	A water-oxidizing dinuclear iron complex as an efficient catalyst toward organic sulfide oxidation. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3026-3032.	2.2	6
111	Catalytic behavior of an iron(III) complex containing an N,O-type bidentate oxazoline ligand for selective oxidation of sulfides. <i>Transition Metal Chemistry</i> , 2016, 41, 97-105.	1.4	6
112	Immobilization of dioxomolybdenum(VI) Schiff base complex on graphene oxide nanosheets and its catalytic activity for oxidation of sulfides. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2986-2998.	2.2	6
113	Preparation and Characterization of Thin Film Nanocomposite Membrane Incorporated with MoO <sub>3</sub> Nanoparticles with High Flux Performance for Forward Osmosis. <i>ChemistrySelect</i> , 2019, 4, 7832-7837.	1.5	6
114	Nano-based methods for novel coronavirus 2019 (2019-nCoV) diagnosis: A review. <i>Cell Biochemistry and Function</i> , 2021, 39, 29-34.	2.9	6
115	d-Glucosamine as an efficient and green additive for palladium-catalyzed Heck reaction. <i>Chemical Papers</i> , 2013, 67, .	2.2	5
116	Iron oxide on carbon-based supports as efficient catalysts for organic compounds oxidation. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3892.	3.5	5
117	Synthesis, crystal structure and catalytic activity of an oxo-diperoxo tungsten(VI) complex containing an oxazine ligand for selective oxidation of sulfides. <i>Journal of Coordination Chemistry</i> , 2018, 71, 3405-3414.	2.2	5
118	Synthesis of rod-like CeO <sub>2</sub> nanoparticles and their application to catalyze the luminal-O <sub>2</sub> chemiluminescence reaction used in the determination of oxcarbazepine and ascorbic acid. <i>Analytical Sciences</i> , 2022, 38, 787-793.	1.6	5
119	Trans,trans,trans-[ReO <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> ], a rare rhenium(VI) complex – Synthesis and DFT study. <i>Inorganic Chemistry Communication</i> , 2015, 51, 83-86.	3.9	4
120	Preparation, characterization and catalytic reactivity of WO <sub>3</sub> @PdO core-shell nanospheres in the Mizoroki-Heck reaction. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 119, 207-217.	1.7	4
121	Synthesis and characterization of two binuclear nickel(II) complexes of thiophenol-based compartmental ligands and their application as catalysts for selective oxidation of sulfides. <i>Journal of Coordination Chemistry</i> , 2016, 69, 103-111.	2.2	4
122	Efficient and selective oxidation of olefins and alcohols using nanoparticles of WO <sub>3</sub> -supported manganese oxides (W <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> ). <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 126-131.	2.7	4
123	Vanadium supported on spinel cobalt ferrite nanoparticles as an efficient and magnetically recoverable catalyst for oxidative degradation of methylene blue. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5127.	3.5	4
124	Selective oxidation of organosulfurs with a sandwich-type polyoxometalate/hydrogen peroxide system. <i>Polyhedron</i> , 2020, 186, 114622.	2.2	4
125	Synthesis and characterization of a new polyoxovanadate for the one-pot three-component (A <sub>3</sub> ) coupling of aldehydes, amines and alkynes. <i>Molecular Catalysis</i> , 2020, 483, 110769.	2.0	4
126	Vanadium oxide-supported copper ferrite nanoparticles: A reusable and highly efficient catalyst for rhodamine B degradation via activation of peroxymonosulfate. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6367.	3.5	4

#	ARTICLE	IF	CITATIONS
127	Effect of 8-Week of Selected Aerobic Exercise on Static and Dynamic Balance in Healthy Elderly Inactive Men. <i>Salmand: Iranian Journal of Ageing</i> , 2016, 11, 202-209.	0.5	4
128	The Potential of West Nile Virus Transmission Regarding the Environmental Factors Using Geographic Information System (GIS), West Azerbaijan Province, Iran. <i>Journal of Arthropod-Borne Diseases</i> , 2019, 13, 27-38.	0.9	4
129	A novel 12-molybdovanadate nanocluster: Synthesis, structure investigation and its application as an efficient heterogeneous sulfoxidation catalyst. <i>Inorganic Chemistry Communication</i> , 2017, 83, 103-108.	3.9	3
130	Simple Preparation of Cuprous Oxide Nanoparticles for Catalysis of Azide-alkyne Cycloaddition. <i>Journal of Chemical Research</i> , 2018, 42, 166-169.	1.3	3
131	A novel binuclear iron(III)-salicylaldazine complex; synthesis, X-ray structure and catalytic activity in sulfide oxidation. <i>Polyhedron</i> , 2020, 183, 114531.	2.2	3
132	Preparation and investigation of copper-manganese mixed oxides as a high-efficiency catalyst for the azide-alkyne 1,3-dipolar cycloaddition reaction. <i>Polyhedron</i> , 2019, 160, 58-62.	2.2	1
133	Copper(II) Acetate. <i>Synlett</i> , 2012, 23, 1995-1996.	1.8	0
134	Application of 3-aryl-4(5)-arylimidazols as efficient ligands in Pd-catalyzed Heck reactions. <i>Turkish Journal of Chemistry</i> , 2014, 38, 547-552.	1.2	0
135	Nickel cobaltite nanoparticles: preparation, characterization, and catalytic activity. <i>Ionics</i> , 2019, 25, 2887-2892.	2.4	0
136	The Effect of Diaphragmatic Respiratory Training on Some Lung Factors in Chronic Obstructive Pulmonary Disease. <i>Salmand: Iranian Journal of Ageing</i> , 0, , .	0.5	0
137	Working Memory and Note Quantity: Their Relationship with Consecutive Interpreting in Proficient Bilinguals. Implications for Aptitude Tests of Interpreting. <i>Sendebare</i> , 0, 31, 479-502.	0.0	0