

# Mojtaba Bagherzadeh

## List of Publications by Year in descending order

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159  
papers

7,496  
citations

71102

41  
h-index

69250

77  
g-index

160  
all docs

160  
docs citations

160  
times ranked

9651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017. <i>JAMA Oncology</i> , 2019, 5, 1749.	7.1	1,691
2	Stimulus-responsive polymeric nanogels as smart drug delivery systems. <i>Acta Biomaterialia</i> , 2019, 92, 1-18.	8.3	255
3	The global burden of childhood and adolescent cancer in 2017: an analysis of the Global Burden of Disease Study 2017. <i>Lancet Oncology</i> , The, 2019, 20, 1211-1225.	10.7	199
4	Cycloaddition of CO <sub>2</sub> to epoxides catalyzed by imidazolium-based polymeric ionic liquids. <i>Green Chemistry</i> , 2013, 15, 1584.	9.0	169
5	Carbon Nanotubes: Smart Drug/Gene Delivery Carriers. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1681-1706.	6.7	168
6	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
7	Recent advances in porphyrin-based nanocomposites for effective targeted imaging and therapy. <i>Biomaterials</i> , 2020, 232, 119707.	11.4	138
8	Stimulus-responsive sequential release systems for drug and gene delivery. <i>Nano Today</i> , 2020, 34, 100914.	11.9	125
9	Reactivity studies of biomimetic catalytic epoxidation of alkenes with tetrabutylammonium periodate in the presence of various manganese porphyrins and nitrogen donors: significant axial ligand $\pi$ -bonding effects. <i>New Journal of Chemistry</i> , 2004, 28, 740-747.	2.8	116
10	Oxido-peroxido molybdenum(VI) complexes in catalytic and stoichiometric oxidations. <i>Coordination Chemistry Reviews</i> , 2013, 257, 1093-1121.	18.8	116
11	Synthesis, X-ray structure and oxidation catalysis of a oxido $\pi$ -peroxido molybdenum(VI) complex with a tridentate Schiff base ligand. <i>Inorganic Chemistry Communication</i> , 2012, 20, 86-89.	3.9	109
12	Point-of-Use Rapid Detection of SARS-CoV-2: Nanotechnology-Enabled Solutions for the COVID-19 Pandemic. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5126.	4.1	105
13	Epidemiology of injuries from fire, heat and hot substances: global, regional and national morbidity and mortality estimates from the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i36-i45.	2.4	93
14	Monomeric and dimeric oxido $\pi$ -peroxido tungsten(VI) complexes in catalytic and stoichiometric epoxidation. <i>Coordination Chemistry Reviews</i> , 2014, 268, 83-100.	18.8	81
15	$\pi$ Biodegradable Nanopolymers in Cardiac Tissue Engineering: From Concept Towards Nanomedicine $\pi$ . <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4205-4224.	6.7	80
16	Polymer-Coated NH <sub>2</sub> -UiO-66 for the Codelivery of DOX/ $\pi$ CRISPR. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 10796-10811.	8.0	80
17	$\pi$ Biosynthesis of Copper Oxide Nanoparticles with Potential Biomedical Applications $\pi$ . <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3983-3999.	6.7	79
18	Catalytic performance of Mn <sub>3</sub> O <sub>4</sub> and Co <sub>3</sub> O <sub>4</sub> nanocrystals prepared by sonochemical method in epoxidation of styrene and cyclooctene. <i>Applied Surface Science</i> , 2010, 256, 6678-6682.	6.1	78

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19	Natural Polymers Decorated MOF-MXene Nanocarriers for Co-delivery of Doxorubicin/pCRISPR. <i>ACS Applied Bio Materials</i> , 2021, 4, 5106-5121.	4.6	78
20	&lt;p&gt;Burgeoning Polymer Nano Blends for Improved Controlled Drug Release: A Review&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4363-4392.	6.7	76
21	Synthesis, crystal structure and catalytic activity of a novel Mo(VI)â€“oxazoline complex in highly efficient oxidation of sulfides to sulfoxides by urea hydrogen peroxide. <i>Inorganica Chimica Acta</i> , 2008, 361, 2019-2024.	2.4	72
22	Quantum dots for photocatalysis: synthesis and environmental applications. <i>Green Chemistry</i> , 2021, 23, 4931-4954.	9.0	72
23	Synthesis, characterization and crystal structure of a dioxomolybdenum(VI) complex with a N,O type bidentate Schiff base ligand as a catalyst for homogeneous oxidation of olefins. <i>Polyhedron</i> , 2009, 28, 2517-2521.	2.2	69
24	An environmentally friendly wound dressing based on a self-healing, extensible and compressible antibacterial hydrogel. <i>Green Chemistry</i> , 2021, 23, 1312-1329.	9.0	69
25	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i27-i35.	2.4	67
26	Polymeric Nanoparticles for Nasal Drug Delivery to the Brain: Relevance to Alzheimer's Disease. <i>Advanced Therapeutics</i> , 2021, 4, 2000076.	3.2	61
27	Palladium and copper complexes with oxygenâ€“nitrogen mixed donors as efficient catalysts for the Heck reaction. <i>Inorganica Chimica Acta</i> , 2012, 383, 46-51.	2.4	59
28	Dioxo and oxo-peroxo molybdenum(VI) complexes bearing salicylidene 2-picoloyl hydrazone: Structures and catalytic performances. <i>Polyhedron</i> , 2013, 53, 223-229.	2.2	59
29	Magnetic and microwave absorption properties of Cu/Zr doped M-type Ba/Sr hexaferrites prepared via sol-gel auto-combustion method. <i>Journal of Alloys and Compounds</i> , 2019, 773, 1187-1194.	5.5	58
30	Turning Toxic Nanomaterials into a Safe and Bioactive Nanocarrier for Co-delivery of DOX/pCRISPR. <i>ACS Applied Bio Materials</i> , 2021, 4, 5336-5351.	4.6	57
31	Oxidation of 1,4-dihydropyridines under mild and heterogeneous conditions using solid acids. <i>Journal of the Iranian Chemical Society</i> , 2006, 3, 73-80.	2.2	55
32	cis-Dioxo-molybdenum(VI)-oxazoline complex catalyzed epoxidation of olefins by tert-butyl hydrogen peroxide. <i>Inorganica Chimica Acta</i> , 2009, 362, 3698-3702.	2.4	55
33	Carbosilane dendrimers: Drug and gene delivery applications. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101879.	3.0	52
34	Molybdenum oxoâ€“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
35	Nanomaterials for photothermal and photodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2022, 9, .	11.3	50
36	Green CoNi2S4/porphyrin decorated carbon-based nanocomposites for genetic materials detection. <i>Journal of Bioresources and Bioproducts</i> , 2021, 6, 215-222.	20.5	46

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37	Immobilization of dioxomolybdenum(VI) complex bearing salicylidene 2-picoloyl hydrazone on chloropropyl functionalized SBA-15: A highly active, selective and reusable catalyst in olefin epoxidation. <i>Applied Catalysis A: General</i> , 2014, 475, 55-62.	4.3	45
38	A new SnS <sub>2</sub> -BiFeO <sub>3</sub> /reduced graphene oxide photocatalyst with superior photocatalytic capability under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 359, 11-22.	3.9	45
39	Multifunctional 3D Hierarchical Bioactive Green Carbon-Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8706-8720.	6.7	43
40	Pd(OAc) <sub>2</sub> without added ligand as an active catalyst for Mizoroki-Heck reaction in aqueous media. <i>RSC Advances</i> , 2012, 2, 12091.	3.6	42
41	Nanoparticle supported, magnetically separable vanadium complex as catalyst for selective oxidation of sulfides. <i>Journal of Coordination Chemistry</i> , 2012, 65, 591-601.	2.2	41
42	COVID-19 and picotechnology: Potential opportunities. <i>Medical Hypotheses</i> , 2020, 144, 109917.	1.5	41
43	Nanoparticle supported, magnetically separable manganese porphyrin as an efficient retrievable nanocatalyst in hydrocarbon oxidation reactions. <i>RSC Advances</i> , 2016, 6, 41551-41560.	3.6	40
44	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
45	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
46	Polymer-Supported Bis-1,2,4-triazolium Ionic Tag Framework for an Efficient Pd(0) Catalytic System in Biomass Derived <sup>13</sup> C-Valerolactone. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6939-6946.	6.7	39
47	Green synthesis of CuO- and Cu <sub>2</sub> O-NPs in assistance with high-gravity: The flowering of nanobiotechnology. <i>Nanotechnology</i> , 2020, 31, 425101.	2.6	38
48	Highly stretchable, self-adhesive, and self-healable double network hydrogel based on alginate/polyacrylamide with tunable mechanical properties. <i>Journal of Polymer Science</i> , 2020, 58, 2062-2073.	3.8	37
49	Green Synthesis of ZnO NPs via <i>Salvia hispanica</i> : Evaluation of Potential Antioxidant, Antibacterial, Mammalian Cell Viability, H1N1 Influenza Virus Inhibition and Photocatalytic Activities. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 456-466.	1.1	37
50	Synthesis, characterization, and catalysis of recyclable new piperazine-bridged Mo(VI) polymers [MoO <sub>2</sub> (Salen)(piperazine)] <sub>n</sub> in highly selective oxygenation of alkenes and sulfides. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2885-2900.	2.2	36
51	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
52	Mn(III) complex supported on Fe <sub>3</sub> O <sub>4</sub> nanoparticles: magnetically separable nanocatalyst for selective oxidation of thiols to disulfides. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3025-3036.	2.2	34
53	Heterostructured TiO <sub>2</sub> /SiO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> /rGO Coating with Highly Efficient Visible-Light-Induced Self-Cleaning Properties for Metallic Artifacts. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 29671-29683.	8.0	34
54	Green porous benzamide-like nanomembranes for hazardous cations detection, separation, and concentration adjustment. <i>Journal of Hazardous Materials</i> , 2022, 423, 127130.	12.4	34

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55	Simultaneous removal of mercury ions and cationic and anionic dyes from aqueous solution using epichlorohydrin cross-linked chitosan @ magnetic Fe <sub>3</sub> O <sub>4</sub> /activated carbon nanocomposite as an adsorbent. <i>Diamond and Related Materials</i> , 2022, 124, 108923.	3.9	34
56	Supported Pd nanoparticles on Mn-based metal-organic coordination polymer: Efficient and recyclable heterogeneous catalyst for Mizoroki-Heck cross coupling reaction of terminal alkenes. <i>Inorganic Chemistry Communication</i> , 2014, 44, 10-14.	3.9	32
57	Synthesis, characterization and catalytic activity of supported vanadium Schiff base complex as a magnetically recoverable nanocatalyst in epoxidation of alkenes and oxidation of sulfides. <i>Journal of Organometallic Chemistry</i> , 2019, 897, 200-206.	1.8	32
58	Green synthesis of PEG-coated MIL-100(Fe) for controlled release of dacarbazine and its anticancer potential against human melanoma cells. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121647.	5.2	32
59	ZnAl nano layered double hydroxides for dual functional CRISPR/Cas9 delivery and enhanced green fluorescence protein biosensor. <i>Scientific Reports</i> , 2020, 10, 20672.	3.3	31
60	Rapid sol gel synthesis of BaFe <sub>12</sub> O <sub>19</sub> nanoparticles: An excellent catalytic application in the electrochemical detection of tramadol in the presence of acetaminophen. <i>Microchemical Journal</i> , 2020, 156, 104803.	4.5	31
61	Nanotechnology-Abetted Astaxanthin Formulations in Multimodel Therapeutic and Biomedical Applications. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2-36.	6.4	31
62	Bioactive hybrid metal-organic framework (MOF)-based nanosensors for optical detection of recombinant SARS-CoV-2 spike antigen. <i>Science of the Total Environment</i> , 2022, 825, 153902.	8.0	31
63	Facile synthesis of a recyclable Pd-rGO/CNT/CaFe <sub>2</sub> O <sub>4</sub> nanocomposite with high multifunctional photocatalytic activity under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16257-16266.	10.3	30
64	High-gravity-assisted green synthesis of palladium nanoparticles: the flowering of nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 30, 102297.	3.3	30
65	Nanotechnology-assisted microfluidic systems: from bench to bedside. <i>Nanomedicine</i> , 2021, 16, 237-258.	3.3	30
66	Immobilization of a molybdenum complex on the surface of magnetic nanoparticles for the catalytic epoxidation of olefins. <i>New Journal of Chemistry</i> , 2016, 40, 1580-1586.	2.8	29
67	Preparation and characterization of a new CdS-NiFe <sub>2</sub> O <sub>4</sub> /reduced graphene oxide photocatalyst and its use for degradation of methylene blue under visible light irradiation. <i>Research on Chemical Intermediates</i> , 2018, 44, 5953-5979.	2.7	29
68	Improved green biosynthesis of chitosan decorated Ag- and Co <sub>3</sub> O <sub>4</sub> -nanoparticles: A relationship between surface morphology, photocatalytic and biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102331.	3.3	29
69	Green chemistry and coronavirus. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100415.	3.3	29
70	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
71	Synthesis and characterization of NaY zeolite-encapsulated Mn-hydrazone Schiff base: an efficient and reusable catalyst for oxidation of olefins. <i>Journal of Coordination Chemistry</i> , 2012, 65, 4054-4066.	2.2	28
72	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

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73	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
74	&lt;p&gt;Aptamer Hybrid Nanocomplexes as Targeting Components for Antibiotic/Gene Delivery Systems and Diagnostics: A Review&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4237-4256.	6.7	28
75	Bio-multifunctional noncovalent porphyrin functionalized carbon-based nanocomposite. <i>Scientific Reports</i> , 2021, 11, 6604.	3.3	28
76	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
77	The colorful world of carotenoids: a profound insight on therapeutics and recent trends in nano delivery systems. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 3658-3697.	10.3	27
78	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
79	Efficient imidazolium salts for palladium-catalyzed Mizoroki&quot;Heck and Suzuki&quot;Miyaura cross-coupling reactions. <i>Chinese Chemical Letters</i> , 2013, 24, 433-436.	9.0	26
80	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
81	Zn-rich (GaN) <sub>1-x</sub>(ZnO) <sub>x</sub>: a biomedical friend?. <i>New Journal of Chemistry</i> , 2021, 45, 4077-4089.	2.8	26
82	Synthesis, X&quot;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
83	High gravity-assisted green synthesis of ZnO nanoparticles via <i>Allium ursinum</i> : Conjoining nanochemistry to neuroscience. <i>Nano Express</i> , 2020, 1, 020025.	2.4	25
84	Oxidation of sulfides with urea&quot;hydrogen peroxide catalyzed by iron&quot;salen complexes. <i>Journal of Sulfur Chemistry</i> , 2011, 32, 335-343.	2.0	24
85	Manganese and cobalt-terephthalate metal-organic frameworks as a precursor for synthesis of Mn2O3, Mn3O4 and Co3O4 nanoparticles: Active catalysts for olefin heterogeneous oxidation. <i>Inorganic Chemistry Communication</i> , 2015, 61, 73-76.	3.9	24
86	Microfluidic devices with gold thin film channels for chemical and biomedical applications: a review. <i>Biomedical Microdevices</i> , 2019, 21, 93.	2.8	24
87	Synthesis, characterization and mechanistic study of nano chitosan tetrazole as a novel and promising platform for CRISPR delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 116-126.	3.4	24
88	Thin-film nanocomposite membranes containing aspartic acid-modified MIL-53-NH2 (Al) for boosting desalination and anti-fouling performance. <i>Desalination</i> , 2022, 521, 115386.	8.2	24
89	Recent Advancements in aptamer-bioconjugates: Sharpening Stones for breast and prostate cancers targeting. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101146.	3.0	23
90	Mathematical modeling of drug release from biodegradable polymeric microneedles. <i>Bio-Design and Manufacturing</i> , 2019, 2, 96-107.	7.7	23

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91	Bioresorbable composite polymeric materials for tissue engineering applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 0, , 1-15.	3.4	23
92	High-Gravity-Assisted Green Synthesis of NiO-NPs Anchored on the Surface of Biodegradable Nanobeads with Potential Biomedical Applications. Journal of Biomedical Nanotechnology, 2020, 16, 520-530.	1.1	23
93	New Magnetically Recyclable Reduced Graphene Oxide rGO/MFe <sub>2</sub> O <sub>4</sub> (M= Ca,) Tj ETQq1 1 0.784314 rgBT / O Photocatalytic Activity and Stability. Photochemistry and Photobiology, 2018, 94, 1210-1224.	2.5	21
94	Insight into the Self-Insertion of a Protein Inside the Boron Nitride Nanotube. ACS Omega, 2020, 5, 32051-32058.	3.5	21
95	Development of a novel carboxamide-based off-on switch fluorescence sensor: Hg <sup>2+</sup> , Zn <sup>2+</sup> and Cd <sup>2+</sup> . New Journal of Chemistry, 2020, 44, 11841-11852.	2.8	21
96	Porphyrin Molecules Decorated on Metal-Organic Frameworks for Multi-Functional Biomedical Applications. Biomolecules, 2021, 11, 1714.	4.0	21
97	Synthesis, structural characterization, and catalytic reactivity of a new molybdenum(VI) complex containing 1,3,4-thiadiazole derivative as a tridentate NNO donor ligand. Journal of Coordination Chemistry, 2015, 68, 548-559.	2.2	20
98	Synthesis, structure characterization and study of a new molybdenum Schiff base complex as an epoxidation catalyst with very high turnover numbers. Inorganic Chemistry Communication, 2017, 84, 63-67.	3.9	20
99	Boron Nitride Nanotube as an Antimicrobial Peptide Carrier: A Theoretical Insight. International Journal of Nanomedicine, 2021, Volume 16, 1837-1847.	6.7	20
100	Controlled Gene Delivery Systems: Nanomaterials and Chemical Approaches. Journal of Biomedical Nanotechnology, 2020, 16, 553-582.	1.1	20
101	Synthesis, structural characterization and alcohol oxidation activity of a new mononuclear manganese(II) complex. Transition Metal Chemistry, 2010, 35, 297-303.	1.4	19
102	Synthesis, X-ray studies, and catalytic activity of tridentate Schiff base dioxo-molybdenum(VI). Journal of Coordination Chemistry, 2014, 67, 2435-2444.	2.2	19
103	Novel Pt-Ag <sub>3</sub> PO <sub>4</sub> /CdS/Chitosan Nanocomposite with Enhanced Photocatalytic and Biological Activities. Nanomaterials, 2020, 10, 2320.	4.1	19
104	Efficient recyclable catalytic system for deoxygenation of sulfoxides: catalysis of ionic liquid-molybdenum complexes in ionic liquid solution. New Journal of Chemistry, 2012, 36, 971.	2.8	18
105	Mo( <sup>vi</sup> ) complex supported on Fe <sub>3</sub> O <sub>4</sub> nanoparticles: magnetically separable nanocatalysts for selective oxidation of sulfides to sulfoxides. RSC Advances, 2015, 5, 53349-53356.	3.6	18
106	ONO pincer type binuclear Pd(II) complex: Synthesis, crystal structure and catalytic utilization of the resulting organopalladium complex in catalytic copper-free Sonogashira coupling reaction. Inorganica Chimica Acta, 2016, 451, 227-232.	2.4	18
107	Calcium-based nanomaterials and their interrelation with chitosan: optimization for pCRISPR delivery. Journal of Nanostructure in Chemistry, 2022, 12, 919-932.	9.1	18
108	Synthesis of green benzamide-decorated UiO-66-NH <sub>2</sub> for biomedical applications. Chemosphere, 2022, 299, 134359.	8.2	18

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109	Tribromoisocyanuric Acid (TBCA) and Oxone <sup>®</sup> /MX Systems as Oxidizing Agents: Oxidative Coupling of Thiols to Their Corresponding Disulfides under Mild and Heterogeneous Conditions. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 1115-1118.	1.4	17
110	Immobilized manganese porphyrin on functionalized magnetic nanoparticles via axial ligation: efficient and recyclable nanocatalyst for oxidation reactions. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2347-2360.	2.2	17
111	Synthesis, characterization, and catalytic activity of supported molybdenum Schiff base complex as a magnetically recoverable nanocatalyst in epoxidation reaction. <i>Journal of Coordination Chemistry</i> , 2016, 69, 668-677.	2.2	17
112	Manganese(III) porphyrin anchored onto magnetic nanoparticles via "click" reaction: An efficient and reusable catalyst for the heterogeneous oxidation of alkenes and sulfides. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107495.	3.9	17
113	Synthesis, characterization, and comparison of two new copper(II) complexes containing Schiff-base and diazo ligands as new catalysts in CuAAC reaction. <i>Inorganica Chimica Acta</i> , 2019, 492, 213-220.	2.4	16
114	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
115	Sonochemical fabrication and catalytic properties of $\text{Fe}_2\text{O}_3$ nanoparticles. <i>Journal of Experimental Nanoscience</i> , 2011, 6, 217-225.	2.4	15
116	Synthesis of Pd(II) large dinuclear macrocyclic complex tethered through two dipyrindine-bridged aza-crowns as an efficient copper- and phosphine-free Sonogashira catalytic reaction. <i>Journal of Organometallic Chemistry</i> , 2018, 866, 72-78.	1.8	15
117	A Waste-Minimized Approach to Cassar Heck Reaction Based on $\text{Pd}^0$ Heterogeneous Catalyst and Recoverable Acetonitrile Azeotrope. <i>ChemSusChem</i> , 2021, 14, 3359-3366.	6.8	15
118	Multifunctional green synthesized Cu-Al layered double hydroxide (LDH) nanoparticles: anti-cancer and antibacterial activities. <i>Scientific Reports</i> , 2022, 12, .	3.3	15
119	MIL-125-based nanocarrier decorated with Palladium complex for targeted drug delivery. <i>Scientific Reports</i> , 2022, 12, .	3.3	15
120	Oxoperoxo tungsten(VI) complex immobilized on Schiff base-modified $\text{Fe}_3\text{O}_4$ 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
121	Heterogeneous SBA-15-supported Oxoperoxomolybdenum(VI) complex for enhanced olefin epoxidation. <i>Catalysis Communications</i> , 2017, 88, 9-12.	3.3	14
122	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
123	A simple catalyst for aqueous phase Suzuki reactions based on palladium nanoparticles immobilized on an ionic polymer. <i>Science China Chemistry</i> , 2016, 59, 482-486.	8.2	13
124	Nanocluster polyoxomolybdate supported on natural zeolite: a green and recyclable catalyst for epoxidation of alkenes. <i>Journal of Coordination Chemistry</i> , 2017, 70, 2212-2223.	2.2	13
125	Magnetically Recoverable $\text{TiO}_2/\text{SiO}_2/\text{Fe}_2\text{O}_3/\text{rGO}$ Composite with Significantly Enhanced UV-Visible Light Photocatalytic Activity. <i>Molecules</i> , 2020, 25, 2996.	3.8	13
126	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



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127	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
128	Green carbon-based nanocomposite biomaterials through the lens of microscopes. <i>Emergent Materials</i> , 2022, 5, 665-671.	5.7	12
129	Oxidation of <i>W(VI)</i> by histidine-MgAl layered double hydroxide composite as an efficient catalyst in sulfide oxidation. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4358.	3.5	11
130	Green composites in bone tissue engineering. <i>Emergent Materials</i> , 2022, 5, 603-620.	5.7	11
131	Synthesis and crystal structures of a series of (1/4-thiophenolato)(1/4-pyrazolato-N,N) double bridged dipalladium(II) complexes and their application in Mizoroki-Heck reaction as highly efficient catalysts. <i>Inorganica Chimica Acta</i> , 2016, 440, 107-117.	2.4	10
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