

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	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
2	Green composites in bone tissue engineering. <i>Emergent Materials</i> , 2022, 5, 603-620.	5.7	11
3	Green carbon-based nanocomposite biomaterials through the lens of microscopes. <i>Emergent Materials</i> , 2022, 5, 665-671.	5.7	12
4	Calcium-based nanomaterials and their interrelation with chitosan: optimization for pCRISPR delivery. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 919-932.	9.1	18
5	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
6	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
7	Thin-film nanocomposite membranes containing aspartic acid-modified MIL-53-NH ₂ (Al) for boosting desalination and anti-fouling performance. <i>Desalination</i> , 2022, 521, 115386.	8.2	24
8	Nanotechnology-Aided Astaxanthin Formulations in Multimodal Therapeutic and Biomedical Applications. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2-36.	6.4	31
9	Nanomaterials for photothermal and photodynamic cancer therapy. <i>Applied Physics Reviews</i> , 2022, 9, .	11.3	50
10	Simultaneous removal of mercury ions and cationic and anionic dyes from aqueous solution using epichlorohydrin cross-linked chitosan @ magnetic Fe ₃ O ₄ /activated carbon nanocomposite as an adsorbent. <i>Diamond and Related Materials</i> , 2022, 124, 108923.	3.9	34
11	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
12	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
13	Synthesis of green benzamide-decorated UiO-66-NH ₂ for biomedical applications. <i>Chemosphere</i> , 2022, 299, 134359.	8.2	18
14	Multifunctional green synthesized Cu ²⁺ /Al layered double hydroxide (LDH) nanoparticles: anti-cancer and antibacterial activities. <i>Scientific Reports</i> , 2022, 12, .	3.3	15
15	MIL-125-based nanocarrier decorated with Palladium complex for targeted drug delivery. <i>Scientific Reports</i> , 2022, 12, .	3.3	15
16	Polymeric Nanoparticles for Nasal Drug Delivery to the Brain: Relevance to Alzheimer's Disease. <i>Advanced Therapeutics</i> , 2021, 4, 2000076.	3.2	61
17	Improved green biosynthesis of chitosan decorated Ag- and Co ₃ O ₄ -nanoparticles: A relationship between surface morphology, photocatalytic and biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102331.	3.3	29
18	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

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19	Quantum dots for photocatalysis: synthesis and environmental applications. <i>Green Chemistry</i> , 2021, 23, 4931-4954.	9.0	72
20	Zn-rich (GaN) ^{1x} (ZnO) ^x : a biomedical friend?. <i>New Journal of Chemistry</i> , 2021, 45, 4077-4089.	2.8	26
21	Nanotechnology-assisted microfluidic systems: from bench to bedside. <i>Nanomedicine</i> , 2021, 16, 237-258.	3.3	30
22	Polymer-Coated NH ₂ -UiO-66 for the Codelivery of DOX/pCRISPR. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10796-10811.	8.0	80
23	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
24	Boron Nitride Nanotube as an Antimicrobial Peptide Carrier: A Theoretical Insight. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1837-1847.	6.7	20
25	Carbon Nanotubes: Smart Drug/Gene Delivery Carriers. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1681-1706.	6.7	168
26	Bio-multifunctional noncovalent porphyrin functionalized carbon-based nanocomposite. <i>Scientific Reports</i> , 2021, 11, 6604.	3.3	28
27	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
28	Multifunctional 3D Hierarchical Bioactive Green Carbon-Based Nanocomposites. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8706-8720.	6.7	43
29	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
30	Green chemistry and coronavirus. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100415.	3.3	29
31	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
32	A Waste-Minimized Approach to Cassar-Heck Reaction Based on POLITAG-Pd ⁰ Heterogeneous Catalyst and Recoverable Acetonitrile Azeotrope. <i>ChemSusChem</i> , 2021, 14, 3359-3366.	6.8	15
33	Magnetic properties, structural studies and microwave absorption performance of Ba _{0.5} Sr _{0.5} Cu _x Zr _x Fe _{12-2x} O ₁₉ /Poly Ortho-Toluidine (X=0.2, 0.4, 0.6, 0.8) ceramic nanocomposites. <i>Inorganic Chemistry Communication</i> , 2021, 132, 108802.	3.9	3
34	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
35	Porphyrin Molecules Decorated on Metal-Organic Frameworks for Multi-Functional Biomedical Applications. <i>Biomolecules</i> , 2021, 11, 1714.	4.0	21
36	Green CoNi ₂ S ₄ /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	Synthesis and characterization of molybdenum (VI) complex immobilized on polymeric Schiff base-coated magnetic nanoparticles as an efficient and retrievable nanocatalyst in olefin epoxidation reactions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5410.	3.5	8
38	Polyoxometalate-supported Pd nanoparticles as efficient catalysts for the M - H cross-coupling reactions in PEG medium. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5287.	3.5	5
39	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
40	A sensitive voltammetric morphine nanosensor based on BaFe_2O_9 nanoparticle-modified screen-printed electrodes. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 717-724.	2.2	6
41	Recent advances in porphyrin-based nanocomposites for effective targeted imaging and therapy. <i>Biomaterials</i> , 2020, 232, 119707.	11.4	138
42	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
43	Promising new catalytic properties of a Co (II)-carboxamide complex and its derived Co_3O_4 nanoparticles for the Mizoroki-Heck and the Epoxidation reactions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5911.	3.5	7
44	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
45	Novel $\text{Pt-Ag}_3\text{PO}_4/\text{CdS}/\text{Chitosan}$ Nanocomposite with Enhanced Photocatalytic and Biological Activities. <i>Nanomaterials</i> , 2020, 10, 2320.	4.1	19
46	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
47	Insight into the Self-Insertion of a Protein Inside the Boron Nitride Nanotube. <i>ACS Omega</i> , 2020, 5, 32051-32058.	3.5	21
48	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
49	On the Role of Fe_3O_4 Nanoparticles and Reduced Graphene Oxide Nanosheets in Enhancing Self-Cleaning Properties of Composite TiO_2 for Cultural Heritage Protection. <i>Coatings</i> , 2020, 10, 933.	2.6	4
50	COVID-19 and nanotechnology: Potential opportunities. <i>Medical Hypotheses</i> , 2020, 144, 109917.	1.5	41
51	Development of a novel carboxamide-based off-on switch fluorescence sensor: Hg^{2+} , Zn^{2+} and Cd^{2+} . <i>New Journal of Chemistry</i> , 2020, 44, 11841-11852.	2.8	21
52	Heterostructured $\text{TiO}_2/\text{SiO}_2/\text{Fe}_3\text{O}_4/\text{rGO}$ Coating with Highly Efficient Visible-Light-Induced Self-Cleaning Properties for Metallic Artifacts. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 29671-29683.	8.0	34
53	Biodegradable Nanopolymers in Cardiac Tissue Engineering: From Concept Towards Nanomedicine. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4205-4224.	6.7	80
54	Aptamer Hybrid Nanocomplexes as Targeting Components for Antibiotic/Gene Delivery Systems and Diagnostics: A Review. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4237-4256.	6.7	28

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55	<p>Biosynthesis of Copper Oxide Nanoparticles with Potential Biomedical Applications</p>. International Journal of Nanomedicine, 2020, Volume 15, 3983-3999.	6.7	79
56	Rapid sol gel synthesis of BaFe ₂ O ₉ nanoparticles: An excellent catalytic application in the electrochemical detection of tramadol in the presence of acetaminophen. Microchemical Journal, 2020, 156, 104803.	4.5	31
57	Green synthesis of CuO- and Cu ₂ O-NPs in assistance with high-gravity: The flowering of nanobiotechnology. Nanotechnology, 2020, 31, 425101.	2.6	38
58	Stimulus-responsive sequential release systems for drug and gene delivery. Nano Today, 2020, 34, 100914.	11.9	125
59	Carbosilane dendrimers: Drug and gene delivery applications. Journal of Drug Delivery Science and Technology, 2020, 59, 101879.	3.0	52
60	<p>Burgeoning Polymer Nano Blends for Improved Controlled Drug Release: A Review</p>. International Journal of Nanomedicine, 2020, Volume 15, 4363-4392.	6.7	76
61	Magnetically Recoverable TiO ₂ /SiO ₂ /Fe ₃ O ₄ /rGO Composite with Significantly Enhanced UV-Visible Light Photocatalytic Activity. Molecules, 2020, 25, 2996.	3.8	13
62	Epidemiology of facial fractures: incidence, prevalence and years lived with disability estimates from the Global Burden of Disease 2017 study. Injury Prevention, 2020, 26, i27-i35.	2.4	67
63	Catalytic and antibacterial properties of 3-oxo-1,2,3,4-tetrahydroquinoline-2-carboxamide Pd/Pt complexes obtained via a benign route. Applied Organometallic Chemistry, 2020, 34, e5531.	3.5	9
64	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. Injury Prevention, 2020, 26, i36-i45.	2.4	93
65	Development of a nano biosensor for anti-gliadin detection for Celiac disease based on suspension microarrays. Biomedical Physics and Engineering Express, 2020, 6, 055015.	1.2	9
66	High gravity-assisted green synthesis of ZnO nanoparticles via Allium ursinum: Conjoining nanochemistry to neuroscience. Nano Express, 2020, 1, 020025.	2.4	25
67	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
68	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. Journal of Biomedical Nanotechnology, 2020, 16, 456-466.	1.1	37
69	Controlled Gene Delivery Systems: Nanomaterials and Chemical Approaches. Journal of Biomedical Nanotechnology, 2020, 16, 553-582.	1.1	20
70	Vanadium supported on spinel cobalt ferrite nanoparticles as an efficient and magnetically recoverable catalyst for oxidative degradation of methylene blue. Applied Organometallic Chemistry, 2019, 33, e5127.	3.5	4
71	Synthesis, characterization and catalytic activity of supported vanadium Schiff base complex as a magnetically recoverable nanocatalyst in epoxidation of alkenes and oxidation of sulfides. Journal of Organometallic Chemistry, 2019, 897, 200-206.	1.8	32
72	Recent Advancements in aptamer-bioconjugates: Sharpening Stones for breast and prostate cancers targeting. Journal of Drug Delivery Science and Technology, 2019, 53, 101146.	3.0	23

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73	Manganese(III) porphyrin anchored onto magnetic nanoparticles via Cu^{I} -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
74	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
75	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
76	Microfluidic devices with gold thin film channels for chemical and biomedical applications: a review. <i>Biomedical Microdevices</i> , 2019, 21, 93.	2.8	24
77	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
78	Immobilized Polyoxomolybdate Nanoclusters on Functionalized SBA-15: Green Access to Efficient and Recyclable Nanocatalyst for the Epoxidation of Alkenes. <i>ChemistrySelect</i> , 2019, 4, 5911-5917.	1.5	8
79	A Perspective to the Correlation Between Brain Insulin Resistance and Alzheimer: Medicinal Chemistry Approach. <i>Current Diabetes Reviews</i> , 2019, 15, 255-258.	1.3	5
80	Facile synthesis of a recyclable Pd-rGO/CNT/CaFe ₂ O ₄ nanocomposite with high multifunctional photocatalytic activity under visible light irradiation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16257-16266.	10.3	30
81	Synthesis and characterization of a new zwitterionic palladium complex as an environmentally friendly catalyst for the Heck-Mizoroki coupling reaction in CVL. <i>Molecular Catalysis</i> , 2019, 474, 110406.	2.0	6
82	Mathematical modeling of drug release from biodegradable polymeric microneedles. <i>Bio-Design and Manufacturing</i> , 2019, 2, 96-107.	7.7	23
83	Stimulus-responsive polymeric nanogels as smart drug delivery systems. <i>Acta Biomaterialia</i> , 2019, 92, 1-18.	8.3	255
84	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
85	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
86	Polymer-Supported Bis-1,2,4-triazolium Ionic Tag Framework for an Efficient Pd(0) Catalytic System in Biomass Derived γ -Valerolactone. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6939-6946.	6.7	39
87	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
88	Mg-Al layered double hydroxide intercalated with manganese(III) 5,10,15,20-tetrakis(4-benzoate)porphyrinacetate as a highly reusable catalyst for epoxidation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4657.	3.5	4
89	Synthesis and characterization of molybdenum complex supported on magnetic and non-magnetic supports: comparing their catalytic activity, selectivity, and reusability. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 673-685.	2.2	2
90	Oxidoperoxo W(VI)-histidine-Mg-Al layered double hydroxide composite as an efficient catalyst in sulfide oxidation. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4358.	3.5	11

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91	Synthesis of Pd(II) large dinuclear macrocyclic complex tethered through two dipyridine-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
92	Diastereoselective Synthesis and Catalytic Activity of Two Chiral $\text{Cis-}\lambda^5\text{-Dioxidomolybdenum(VI)}$ Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2549-2556.	2.0	9
93	A new $\text{SnS}_2\text{-BiFeO}_3/\text{reduced graphene oxide}$ 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
94	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
95	Heterogenization of manganese porphyrin via hydrogen bond in zeolite imidazolate framework-8 matrix, a host-guest interaction, as catalytic system for olefin epoxidation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 972-980.	0.8	6
96	Preparation and characterization of a new $\text{CdS-NiFe}_2\text{O}_4/\text{reduced graphene oxide}$ 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
97	New Magnetically Recyclable Reduced Graphene Oxide $\text{rGO/MFe}_2\text{O}_4$ ($M = \text{Ca, Tj, ET, Q, l}$) Photocatalytic Activity and Stability. <i>Photochemistry and Photobiology</i> , 2018, 94, 1210-1224.	1.0784314	21
98	<i>In situ</i> generation of highly active bis(N-heterocyclic)carbene palladium as an efficient catalyst in direct <i>S</i> -arylation of methylphenyl sulfoxide and the Heck reaction: Ligand steric effects in product selectivity. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3677.	3.5	3
99	Highly stable magnetically separable copper nanocatalyst as an efficient catalyst for $\text{C}(\text{sp}^2)\text{-C}(\text{sp})$ and $\text{C}(\text{sp}^2)\text{-C}(\text{sp}^2)$ cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3691.	3.5	2
100	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
101	Synthesis, structure characterization and study of a new molybdenum Schiff base complex as an epoxidation catalyst with very high turnover numbers. <i>Inorganic Chemistry Communication</i> , 2017, 84, 63-67.	3.9	20
102	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
103	Oxoperoxo tungsten(VI) complex immobilized on Schiff base-modified Fe_3O_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
104	Heterogeneous SBA-15-supported Oxoperoxomolybdenum(VI) complex for enhanced olefin epoxidation. <i>Catalysis Communications</i> , 2017, 88, 9-12.	3.3	14
105	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
106	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
107	Synthesis and characterization of magnetic silica-supported Mn(II)-substituted polyoxophosphotungstate as catalyst in sulfoxidation reaction. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	9
108	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. <i>Inorganica Chimica Acta</i> , 2016, 451, 227-232.	2.4	18

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109	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
110	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
111	Synthesis and crystal structures of a series of (1/4-thiophenolato)(1/4-pyrazolato-N,N ϵ^2) double bridged dipalladium(II) complexes and their application in Mizoroki ϵ Heck reaction as highly efficient catalysts. <i>Inorganica Chimica Acta</i> , 2016, 440, 107-117.	2.4	10
112	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
113	Synthesis and characterization of two binuclear nickel(II) complexes of thiophenol-based ϵ end-off ϵ 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
114	Mo(ν) complex supported on Fe ₃ O ₄ nanoparticles: magnetically separable nanocatalysts for selective oxidation of sulfides to sulfoxides. <i>RSC Advances</i> , 2015, 5, 53349-53356.	3.6	18
115	Synthesis, structural characterization, and catalytic reactivity of a new molybdenum(VI) complex containing 1,3,4-thiadiazole derivative as a tridentate NNO donor ligand. <i>Journal of Coordination Chemistry</i> , 2015, 68, 548-559.	2.2	20
116	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
117	Manganese and cobalt-terephthalate metal-organic frameworks as a precursor for synthesis of Mn ₂ O ₃ , Mn ₃ O ₄ and Co ₃ O ₄ nanoparticles: Active catalysts for olefin heterogeneous oxidation. <i>Inorganic Chemistry Communication</i> , 2015, 61, 73-76.	3.9	24
118	Molybdenum(VI) ϵ 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
119	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
120	Monomeric and dimeric oxido ϵ peroxido tungsten(VI) complexes in catalytic and stoichiometric epoxidation. <i>Coordination Chemistry Reviews</i> , 2014, 268, 83-100.	18.8	81
121	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
122	Supported Pd nanoparticles on Mn-based metal ϵ organic coordination polymer: Efficient and recyclable heterogeneous catalyst for Mizoroki ϵ Heck cross coupling reaction of terminal alkenes. <i>Inorganic Chemistry Communication</i> , 2014, 44, 10-14.	3.9	32
123	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
124	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
125	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
126	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

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127	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
128	Synthesis, characterization, and catalysis of recyclable new piperazine-bridged Mo(VI) polymers [MoO ₂ (Salen)(piperazine)] _n in highly selective oxygenation of alkenes and sulfides. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2885-2900.	2.2	36
129	Mn(III) complex supported on Fe ₃ O ₄ nanoparticles: magnetically separable nanocatalyst for selective oxidation of thiols to disulfides. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3025-3036.	2.2	34
130	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
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