

S Mohammed Sajadi

List of Publications by Year in descending order

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184
papers

21,829
citations

20817

60
h-index

11308

136
g-index

195
all docs

195
docs citations

195
times ranked

18858
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity of pin-fin configuration to pin diameter: heat transfer enhancement. Chemical Engineering Communications, 2023, 210, 655-669.	2.6	2
2	Competition of ANN and RSM techniques in predicting the behavior of the CuO-liquid paraffin. Chemical Engineering Communications, 2023, 210, 880-892.	2.6	4
3	Optimization of heat transfer in shell-and-tube heat exchangers using MOGA algorithm: adding nanofluid and changing the tube arrangement. Chemical Engineering Communications, 2023, 210, 893-907.	2.6	2
4	Focusing on summer setpoint temperature to intensify PCM effectiveness in building: energy saving in Jeddah climate. Chemical Engineering Communications, 2023, 210, 908-919.	2.6	1
5	MEL zeolite nanosheet membranes for water purification: insights from molecular dynamics simulations. Journal of Nanostructure in Chemistry, 2022, 12, 291-305.	9.1	8
6	Oil recovery aspects of ZnO/SiO ₂ nano-clay in carbonate reservoir. Fuel, 2022, 307, 121927.	6.4	33
7	Green products from herbal medicine wastes by subcritical water treatment. Journal of Hazardous Materials, 2022, 424, 127294.	12.4	26
8	Convection heat transfer under the effect of uniform and periodic magnetic fields with uniform internal heat generation: a new comprehensive work to develop the ability of the multi relaxation time lattice Boltzmann method. Journal of Thermal Analysis and Calorimetry, 2022, 147, 7883-7897.	3.6	5
9	Water molecules adsorption by a porous carbon matrix in the presence of NaCl impurities using molecular dynamic simulation. Journal of Molecular Liquids, 2022, 347, 117998.	4.9	3
10	The effect of sedimentation phenomenon of the additives silver nano particles on water pool boiling heat transfer coefficient: A comprehensive experimental study. Journal of Molecular Liquids, 2022, 345, 117891.	4.9	10
11	Role of solar radiation on the phase change material usefulness in the building applications. Journal of Energy Storage, 2022, 45, 103542.	8.1	10
12	Numerical analysis of the effect of hot dent infusion jet on the fluid flow and heat transfer rate through the microchannel in the presence of external magnetic field. Journal of Thermal Analysis and Calorimetry, 2022, 147, 8397-8409.	3.6	4
13	Study of the effect of the aspect ratio of a cylindrical lithium-ion battery enclosure in an air-cooled thermal management system. Journal of Energy Storage, 2022, 45, 103684.	8.1	14
14	Molecular dynamics approach to study the effects of MgCl ₂ salt atomic ratio on the phase transition phenomenon in the phase change materials. Journal of Energy Storage, 2022, 46, 103860.	8.1	2
15	The investigation of Fe ₃ O ₄ atomic aggregation in a nanochannel in the presence of magnetic field: Effects of nanoparticles distance center of mass, temperature and total energy via molecular dynamics approach. Journal of Molecular Liquids, 2022, 348, 118400.	4.9	6
16	Effect of nanoparticles shape on turbulent nanofluids flow within a solar collector by using hexagonal cross-section tubes. Sustainable Energy Technologies and Assessments, 2022, 51, 101843.	2.7	2
17	Dynamics of Antimicrobial Peptide Encapsulation in Carbon Nanotubes: The Role of Hydroxylation. International Journal of Nanomedicine, 2022, Volume 17, 125-136.	6.7	11
18	Synergistic Effect of Nanoinhibitive Drilling Fluid on the Shale Swelling Performance at High Temperature and High Pressure. Energy & Fuels, 2022, 36, 1996-2006.	5.1	23

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19	The effect of using tubes filled with phase change materials in the air conditioning system of a residential building. <i>Journal of Building Engineering</i> , 2022, 49, 104079.	3.4	7
20	Developing a control program to reduce the energy consumption of nine cylindrical lithium-ion battery pack connected to a solar system by changing the distance between the batteries and the inlet and outlet of the air stream. <i>Journal of Energy Storage</i> , 2022, 49, 103997.	8.1	7
21	Solar radiation effect on PCM performance in the building applications: The collector energy-saving potential using CF-MWCNTs and CF-GNPs. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102063.	2.7	3
22	Cell-Seeded Biomaterial Scaffolds: The Urgent Need for Unanswered Accelerated Angiogenesis. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1035-1068.	6.7	25
23	Lattice Boltzmann method to study free convection and entropy generation of power-law fluids under influence of magnetic field and heat absorption/generation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 10569-10594.	3.6	4
24	Flat sheet direct contact membrane distillation study to decrease the energy demand for solar desalination purposes. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102100.	2.7	21
25	Effects of Al ₂ O ₃ and TiO ₂ nanoparticles in order to reduce the energy demand in the conventional buildings by integrating the solar collectors and phase change materials. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102114.	2.7	20
26	Improving the thermal-hydraulic performance of parabolic solar collectors using absorber tubes equipped with perforated twisted tape containing nanofluid. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102099.	2.7	7
27	Effect of oxalic acid and sulphuric acid hydrolysis on the preparation and properties of pineapple pomace derived cellulose nanofibers and nanopapers. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1745-1759.	7.5	15
28	Polydopamine Biomaterials for Skin Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2196-2219.	5.2	26
29	Improve the rheological and thermal performances of the antifreeze liquids for cooling the batteries and radiators in automobiles via provide a new hybrid material composed from Carbon Nanotubes in Ethylene Glycol/Propylene Glycol. <i>Journal of Energy Storage</i> , 2022, 52, 104982.	8.1	4
30	Drug delivery systems based on renewable polymers: A conceptual short review. <i>Polymers From Renewable Resources</i> , 2022, 13, 44-54.	1.3	5
31	ANN usefulness in building enhanced with PCM: Efficacy of PCM installation location. <i>Journal of Building Engineering</i> , 2022, 57, 104914.	3.4	5
32	Transient heat transfer analysis of serially connected array of phase change material in the thermal battery units with Al ₂ O ₃ working Nano fluids. <i>Journal of Energy Storage</i> , 2022, 53, 105184.	8.1	3
33	Mapping routine measles vaccination in low- and middle-income countries. <i>Nature</i> , 2021, 589, 415-419.	27.8	71
34	Mapping subnational HIV mortality in six Latin American countries with incomplete vital registration systems. <i>BMC Medicine</i> , 2021, 19, 4.	5.5	78
35	An Eco-friendly nanocatalyst for removal of some poisonous environmental pollutions and statistically evaluation of its performance. <i>Surfaces and Interfaces</i> , 2021, 23, 100908.	3.0	5
36	Subnational mapping of HIV incidence and mortality among individuals aged 15-49 years in sub-Saharan Africa, 2000-18: a modelling study. <i>Lancet HIV</i> , 2021, 8, e363-e375.	4.7	32

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37	Thermal conductivity of random polycrystalline BC3 nanosheets: A step towards realistic simulation of 2D structures. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 107, 107977.	2.4	15
38	Effect of different pH values on growth solutions for the ZnO nanostructures. <i>Chinese Journal of Physics</i> , 2021, 71, 175-189.	3.9	23
39	Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000â€“2018. <i>Nature Human Behaviour</i> , 2021, 5, 1027-1045.	12.0	24
40	Numerical study of mixed convection of nanofluid inside an inlet/outlet inclined cavity under the effect of Brownian motion using Lattice Boltzmann Method (LBM). <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105428.	5.6	18
41	Predicting the environmental suitability for onchocerciasis in Africa as an aid to elimination planning. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008824.	3.0	10
42	Effects of Brownian motions and thermophoresis diffusions on the hematocrit and LDL concentration/diameter of pulsatile non-Newtonian blood in abdominal aortic aneurysm. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2021, 294, 104576.	2.4	17
43	Impact of a novel biosynthesized nanocomposite (SiO ₂ @Montmorilant@Xanthan) on wettability shift and interfacial tension: Applications for enhanced oil recovery. <i>Fuel</i> , 2021, 298, 120773.	6.4	64
44	Theoretical Encapsulation of Fluorouracil (5-FU) Anti-Cancer Chemotherapy Drug into Carbon Nanotubes (CNT) and Boron Nitride Nanotubes (BNNT). <i>Molecules</i> , 2021, 26, 4920.	3.8	20
45	A Review of the Methods of Modeling Multi-Phase Flows within Different Microchannels Shapes and Their Applications. <i>Micromachines</i> , 2021, 12, 1113.	2.9	13
46	The Molecular dynamics study of atomic Management and thermal behavior of Al-Water Nanofluid: A two phase unsteady simulation. <i>Journal of Molecular Liquids</i> , 2021, 340, 117286.	4.9	6
47	Improve thermal performance of Simulated-Body-Fluid as a solution with an ion concentration close to human blood plasma, by additive Zinc Oxide and its composites: ZnO/Carbon Nanotube and ZnO/Hydroxyapatite. <i>Journal of Molecular Liquids</i> , 2021, 342, 117457.	4.9	13
48	The investigation of energy management and atomic interaction between coronavirus structure in the vicinity of aqueous environment of H ₂ O molecules via molecular dynamics approach. <i>Journal of Molecular Liquids</i> , 2021, 341, 117430.	4.9	2
49	Experimental analysis of hollow fiber membrane dehumidifier system with SiO ₂ /CaCl ₂ aqueous desiccant solution. <i>Energy Reports</i> , 2021, 7, 2821-2835.	5.1	22
50	Applying molecular dynamics simulation to take the fracture fingerprint of polycrystalline SiC nanosheets. <i>Computational Materials Science</i> , 2021, 200, 110770.	3.0	14
51	Improve the efficiency and heat transfer rateâ€™ trend prediction of a flat-plate solar collector via a solar energy installation by examine the Titanium Dioxide/Silicon Dioxide-water nanofluid. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 48, 101623.	2.7	11
52	Efficiency enhancement of a solar collector by examine Graphene-Silica/water mixture: A comprehensive study based on the empirical / numerical results. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 48, 101604.	2.7	3
53	A Computational Fluid Dynamic Study on Efficiency of a Wavy Microchannel/Heat Sink Containing Various Nanoparticles. <i>Micromachines</i> , 2021, 12, 1192.	2.9	9
54	Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. <i>Nature Medicine</i> , 2021, 27, 1761-1782.	30.7	60

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55	Simulation of Alumina/Water Nanofluid Flow in a Micro-Heatsink With Wavy Microchannels: Impact of Two-Phase and Single-Phase Nanofluid Models. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	0
56	Applying Artificial Neural Network and Response Surface Method to Forecast the Rheological Behavior of Hybrid Nano-Antifreeze Containing Graphene Oxide and Copper Oxide Nanomaterials. <i>Sustainability</i> , 2021, 13, 11505.	3.2	8
57	Correlations for Total Entropy Generation and Bejan Number for Free Convective Heat Transfer of an Eco-Friendly Nanofluid in a Rectangular Enclosure under Uniform Magnetic Field. <i>Processes</i> , 2021, 9, 1930.	2.8	0
58	Investigation of mixed convection of non-Newtonian fluid in the cooling process of lithium-ion battery with different outlet position. <i>Journal of Energy Storage</i> , 2021, 46, 103621.	8.1	9
59	An insight into thermal properties of BC ₃ -graphene hetero-nanosheets: a molecular dynamics study. <i>Scientific Reports</i> , 2021, 11, 23064.	3.3	17
60	Emerging Phospholipid Nanobiomaterials for Biomedical Applications to Lab-on-a-Chip, Drug Delivery, and Cellular Engineering. <i>ACS Applied Bio Materials</i> , 2021, 4, 8110-8128.	4.6	17
61	Simulation of Nanofluid Flow in a Micro-Heat Sink With Corrugated Walls Considering the Effect of Nanoparticle Diameter on Heat Sink Efficiency. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	4
62	Biosynthesis and characterization of Ag/MgO nanocomposite and its catalytic performance in the rapid treatment of environmental contaminants. <i>Ceramics International</i> , 2020, 46, 2093-2101.	4.8	30
63	Magnetic ZnO@CuO@Iron ore nanocomposites as a green and highly efficient heterogeneous nanocatalyst for solventless synthesis of l±-aminophosphonates. <i>Journal of Chemical Research</i> , 2020, 44, 25-30.	1.3	0
64	Synthesis and characterization of antibacterial magnetite-activated carbon nanoparticles. <i>Journal of Chemical Research</i> , 2020, 44, 80-87.	1.3	5
65	Experimental investigation of the effect of green TiO ₂ /Quartz nanocomposite on interfacial tension reduction, wettability alteration, and oil recovery improvement. <i>Fuel</i> , 2020, 263, 116599.	6.4	64
66	Global burden of 369 diseases and injuries in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1204-1222.	13.7	7,664
67	Global burden of 87 risk factors in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1223-1249.	13.7	3,928
68	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950â€“2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1160-1203.	13.7	890
69	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1135-1159.	13.7	335
70	Greener pathway toward the synthesis of lichenâ€“based ZnO@TiO ₂ @SiO ₂ and Fe ₃ O ₄ @SiO ₂ nanocomposites and investigation of their biological activities. <i>Food Science and Nutrition</i> , 2020, 8, 4044-4054.	3.4	17
71	Synthesis, Characterization, and Assessment of a CeO ₂ @Nanoclay Nanocomposite for Enhanced Oil Recovery. <i>Nanomaterials</i> , 2020, 10, 2280.	4.1	27
72	Smart- and nano-hybrid chemical EOR flooding using Fe ₃ O ₄ /eggshell nanocomposites. <i>Journal of Molecular Liquids</i> , 2020, 316, 113880.	4.9	46

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73	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000â€“17. <i>The Lancet Global Health</i> , 2020, 8, e1038-e1060.	6.3	23
74	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i125-i153.	2.4	44
75	Bioactive metal oxide nanoparticles from some common fruit wastes and <i>Euphorbia condylocarpa</i> plant. <i>Food Science and Nutrition</i> , 2020, 8, 5521-5531.	3.4	8
76	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet</i> , The, 2020, 396, 1250-1284.	13.7	330
77	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000â€“17. <i>The Lancet Global Health</i> , 2020, 8, e1162-e1185.	6.3	91
78	The global distribution of lymphatic filariasis, 2000â€“18: a geospatial analysis. <i>The Lancet Global Health</i> , 2020, 8, e1186-e1194.	6.3	98
79	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i96-i114.	2.4	103
80	Biologically active components in by-products of food processing. <i>Food Science and Nutrition</i> , 2020, 8, 3004-3022.	3.4	24
81	Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000â€“17: analysis for the Global Burden of Disease Study 2017. <i>Lancet</i> , The, 2020, 395, 1779-1801.	13.7	72
82	Facile synthesis of Ag/ZrO ₂ nanocomposite as a recyclable catalyst for the treatment of environmental pollutants. <i>Composites Part B: Engineering</i> , 2020, 185, 107783.	12.0	42
83	Greenly Synthesized Magnetite@SiO ₂ @Xanthan Nanocomposites and Its Application in Enhanced Oil Recovery: IFT Reduction and Wettability Alteration. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 7751-7761.	3.0	23
84	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , 2020, 26, 750-759.	30.7	47
85	Green synthesise of CuO@Fe ₃ O ₄ @Xantan nanocomposites and its application in enhanced oil recovery by considering IFT and wettability behaviours. <i>Micro and Nano Letters</i> , 2020, 15, 550-555.	1.3	15
86	Rapid ecosynthesis of TiO ₂ @CuO@Chromite nanocatalyst for environmentally friendly applications: solventless cyanation of aldehydes and high efficient treatment of sewage waters. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	3
87	Biosynthesis of Pd/MnO ₂ nanocomposite using <i>Solanum melongena</i> plant extract and its application for the one-pot synthesis of 5-substituted 1H-tetrazoles from aryl halides. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4698.	3.5	9
88	Green synthesis of Cu/zirconium silicate nanocomposite by using <i>Rubia tinctorum</i> leaf extract and its application in the preparation of <i>N</i> -benzyl- <i>N</i> -arylcyanamides. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4705.	3.5	13
89	Green synthesis of ZnO/SiO ₂ nanocomposite from pomegranate seed extract: coating by natural xanthan polymer and its characterisations. <i>Micro and Nano Letters</i> , 2019, 14, 638-641.	1.3	15
90	Biosynthesis of reusable and recyclable CuO@Magnetite@Hen Bone NCs and its antioxidant and antibacterial activities: a highly stable magnetically nanocatalyst for excellent reduction of organic dyes and adsorption of polycyclic aromatic hydrocarbons. <i>IET Nanobiotechnology</i> , 2019, 13, 124-133.	3.8	11

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91	CuO/TiO ₂ /PAM as a Novel Introduced Hybrid Agent for Water–Oil Interfacial Tension and Wettability Optimization in Chemical Enhanced Oil Recovery. <i>Energy & Fuels</i> , 2019, 33, 10547-10560.	5.1	75
92	Green synthesis of the Ag/Al ₂ O ₃ nanoparticles using Bryonia alba leaf extract and their catalytic application for the degradation of organic pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 3847-3859.	2.2	23
93	Cyanation of Aryl and Heteroaryl Aldehydes Using In-situ Synthesized Ag Nanoparticles in <i>Crocus sativus</i> L. Extract. <i>ChemistrySelect</i> , 2019, 4, 1127-1130.	1.5	9
94	In situ green synthesis of Cu–Ni bimetallic nanoparticles supported on reduced graphene oxide as an effective and recyclable catalyst for the synthesis of N-benzyl-N-arylamino-1H-tetrazoles. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4938.	3.5	44
95	Basic Chemistry and Biomedical Significance of Nanomaterials. , 2019, , 31-70.		4
96	Pd Nanocatalyst Adorning Coral Reef Nanocomposite for the Synthesis of Nitriles: Utility of Cucurbita pepo Leaf Extract as a Stabilizing and Reducing Agent. <i>Nanomaterials</i> , 2019, 9, 565.	4.1	14
97	An Introduction to Nanotechnology. <i>Interface Science and Technology</i> , 2019, 28, 1-27.	3.3	128
98	Green Nanotechnology. <i>Interface Science and Technology</i> , 2019, 28, 145-198.	3.3	111
99	Plant-Mediated Green Synthesis of Nanostructures: Mechanisms, Characterization, and Applications. <i>Interface Science and Technology</i> , 2019, 28, 199-322.	3.3	94
100	Risks of Nanotechnology to Human Life. <i>Interface Science and Technology</i> , 2019, , 323-336.	3.3	5
101	Applications of Nanotechnology in Daily Life. <i>Interface Science and Technology</i> , 2019, , 113-143.	3.3	75
102	Recent Developments in the Biosynthesis of Cu–Based Recyclable Nanocatalysts Using Plant Extracts and their Application in the Chemical Reactions. <i>Chemical Record</i> , 2019, 19, 601-643.	5.8	51
103	Biological Sources Used in Green Nanotechnology. <i>Interface Science and Technology</i> , 2019, 28, 81-111.	3.3	24
104	Types of Nanostructures. <i>Interface Science and Technology</i> , 2019, 28, 29-80.	3.3	59
105	Biosynthesis of Cu/ZrO ₂ nanocomposite using 7-hydroxy-4'-methoxy-isoflavan extracted from <i>Commelina diffusa</i> and evaluation of its catalytic activity. <i>Surfaces and Interfaces</i> , 2019, 15, 125-134.	3.0	13
106	Green synthesis of Cu/Al ₂ O ₃ nanoparticles as efficient and recyclable catalyst for reduction of 2,4-dinitrophenylhydrazine, Methylene blue and Congo red. <i>Composites Part B: Engineering</i> , 2019, 166, 112-119.	12.0	54
107	Phytosynthesis of Cu/rGO using <i>Euphorbia cheiradenia</i> Boiss extract and study of its ability in the reduction of organic dyes and 4-nitrophenol in aqueous medium. <i>IET Nanobiotechnology</i> , 2019, 13, 202-213.	3.8	12
108	Modification of rheological and filtration characteristics of water-based mud for drilling oil and gas wells using green SiO ₂ @ZnO@Xanthan nanocomposite. <i>IET Nanobiotechnology</i> , 2019, 13, 748-755.	3.8	11

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109	Biosynthesis of the palladium/sodium borosilicate nanocomposite using <i>Euphorbia milii</i> extract and evaluation of its catalytic activity in the reduction of chromium(VI), nitro compounds and organic dyes. <i>Materials Research Bulletin</i> , 2018, 102, 24-35.	5.2	129
110	Green synthesis of a Cu/MgO nanocomposite by <i>Cassythia filiformis</i> L. extract and investigation of its catalytic activity in the reduction of methylene blue, congo red and nitro compounds in aqueous media. <i>RSC Advances</i> , 2018, 8, 3723-3735.	3.6	107
111	Biosynthesis of copper nanoparticles supported on manganese dioxide nanoparticles using <i>Centella asiatica</i> L. leaf extract for the efficient catalytic reduction of organic dyes and nitroarenes. <i>Chinese Journal of Catalysis</i> , 2018, 39, 109-117.	14.0	108
112	Green synthesis of Pd/Fe ₃ O ₄ nanocomposite using <i>Hibiscus tiliaceus</i> L. extract and its application for reductive catalysis of Cr(VI) and nitro compounds. <i>Separation and Purification Technology</i> , 2018, 197, 253-260.	7.9	96
113	A Review on Recent Advances in the Application of Nanocatalysts in S_N3 Coupling Reactions. <i>Chemical Record</i> , 2018, 18, 1409-1473.	5.8	65
114	<i>Cuscuta reflexa</i> leaf extract mediated green synthesis of the Cu nanoparticles on graphene oxide/manganese dioxide nanocomposite and its catalytic activity toward reduction of nitroarenes and organic dyes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 86, 158-173.	5.3	138
115	Catalytic reduction of 2,4-dinitrophenylhydrazine by cuttlebone supported Pd NPs prepared using <i>Conium maculatum</i> leaf extract. <i>IET Nanobiotechnology</i> , 2018, 12, 217-222.	3.8	11
116	Recent Progress in Application of Graphene Supported Metal Nanoparticles in $C-C$ and $C-X$ Coupling Reactions. <i>Chemical Record</i> , 2018, 18, 165-229.	5.8	92
117	Natural iron ore as a novel substrate for the biosynthesis of bioactive-stable ZnO@CuO@iron ore NCs: a magnetically recyclable and reusable superior nanocatalyst for the degradation of organic dyes, reduction of Cr(VI) and adsorption of crude oil aromatic compounds, including PAHs. <i>RSC Advances</i> , 2018, 8, 35557-35570.	3.6	27
118	Green Synthesis of the Ag/Bentonite Nanocomposite Using <i>Euphorbia larica</i> Extract: A Reusable Catalyst for Efficient Reduction of Nitro Compounds and Organic Dyes. <i>ChemistrySelect</i> , 2018, 3, 12274-12280.	1.5	30
119	Green synthesis of highly recyclable CuO/ eggshell nanocomposite to efficient removal of aromatic containing compounds and reduction of 4-nitrophenol at room temperature. <i>Surfaces and Interfaces</i> , 2018, 13, 205-215.	3.0	23
120	Green synthesis of the Cu/sodium borosilicate nanocomposite and investigation of its catalytic activity. <i>Journal of Alloys and Compounds</i> , 2018, 763, 1024-1034.	5.5	97
121	Biosynthesis, characterization and catalytic activity of the Pd/bentonite nanocomposite for base- and ligand-free oxidative hydroxylation of phenylboronic acid and reduction of chromium (VI) and nitro compounds. <i>Microporous and Mesoporous Materials</i> , 2018, 271, 128-137.	4.4	39
122	Fe ₃ O ₄ @SiO ₂ nanoparticle supported ionic liquid for green synthesis of antibacterially active 1-carbamoyl-1-phenylureas in water. <i>RSC Advances</i> , 2018, 8, 27631-27644.	3.6	39
123	Green synthesis of Ag/Fe ₃ O ₄ nanocomposite using <i>Euphorbia peplus</i> Linn leaf extract and evaluation of its catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 1-13.	9.4	110
124	Biosynthesis of Ag/reduced graphene oxide/Fe ₃ O ₄ using <i>Lotus garcinii</i> leaf extract and its application as a recyclable nanocatalyst for the reduction of 4-nitrophenol and organic dyes. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 33-42.	9.4	120
125	Green synthesis of the Pd/perlite nanocomposite using <i>Euphorbia neriifolia</i> L. leaf extract and evaluation of its catalytic activity. <i>Separation and Purification Technology</i> , 2017, 184, 298-307.	7.9	44
126	Efficient catalytic hydration of cyanamides in aqueous medium and in the presence of Naringin sulfuric acid or green synthesized silver nanoparticles by using <i>Gongronema latifolium</i> leaf extract. <i>Journal of Colloid and Interface Science</i> , 2017, 503, 57-67.	9.4	22

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127	Biosynthesis of the CuO nanoparticles using <i>Euphorbia Chamaesyce</i> leaf extract and investigation of their catalytic activity for the reduction of 4-nitrophenol. IET Nanobiotechnology, 2017, 11, 766-772.	3.8	22
128	Green synthesis of copper nanoparticles using <i>Plantago asiatica</i> leaf extract and their application for the cyanation of aldehydes using K ₄ Fe(CN) ₆ . Journal of Colloid and Interface Science, 2017, 506, 471-477.	9.4	94
129	Green synthesis of the copper nanoparticles supported on bentonite and investigation of its catalytic activity. Journal of Cleaner Production, 2017, 142, 3584-3591.	9.3	174
130	Biosynthesis, characterization and catalytic activity of Cu/RGO/Fe ₃ O ₄ for direct cyanation of aldehydes with K ₄ [Fe(CN) ₆]. Journal of Colloid and Interface Science, 2017, 486, 153-162.	9.4	81
131	In situ green synthesis of Cu nanoparticles supported on natural Natrolite zeolite for the reduction of 4-nitrophenol, congo red and methylene blue. IET Nanobiotechnology, 2017, 11, 538-545.	3.8	29
132	Natrolite zeolite: A natural and reusable catalyst for one-pot synthesis of α -aminophosphonates under solvent-free conditions. Arabian Journal of Chemistry, 2017, 10, S700-S704.	4.9	10
133	Recent Advances in the Application of Heterogeneous Nanocatalysts for Sonogashira Coupling Reactions. Current Organic Chemistry, 2017, 21, 708-749.	1.6	52
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