

Yasin Orooji

List of Publications by Citations

Source: <https://exaly.com/author-pdf/928560/yasin-orooji-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

5,460
citations

40
h-index

72
g-index

131
ext. papers

7,778
ext. citations

6.7
avg, IF

6.97
L-index

#	Paper	IF	Citations
125	The role of magnetite/graphene oxide nano-composite as a high-efficiency adsorbent for removal of phenazopyridine residues from water samples, an experimental/theoretical investigation. <i>Journal of Molecular Liquids</i> , 2020 , 298, 112040	6	248
124	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113588	6	225
123	Hierarchically structured ternary heterojunctions based on Ce/ Ce modified FeO nanoparticles anchored onto graphene oxide sheets as magnetic visible-light-active photocatalysts for decontamination of oxytetracycline. <i>Journal of Hazardous Materials</i> , 2019 , 376, 200-211	12.8	201
122	Guanine-Based DNA Biosensor Amplified with Pt/SWCNTs Nanocomposite as Analytical Tool for Nanomolar Determination of Daunorubicin as an Anticancer Drug: A Docking/Experimental Investigation. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 816-823	3.9	198
121	An amplified voltammetric sensor based on platinum nanoparticle/polyoxometalate/two-dimensional hexagonal boron nitride nanosheets composite and ionic liquid for determination of N-hydroxysuccinimide in water samples. <i>Journal of Molecular Liquids</i> , 2020 , 312, 113207	6	187
120	Facile fabrication of silver iodide/graphitic carbon nitride nanocomposites by notable photo-catalytic performance through sunlight and antimicrobial activity. <i>Journal of Hazardous Materials</i> , 2020 , 389, 122079	12.8	184
119	A new nickel-based co-crystal complex electrocatalyst amplified by NiO dope Pt nanostructure hybrid; a highly sensitive approach for determination of cysteamine in the presence of serotonin. <i>Scientific Reports</i> , 2020 , 10, 11699	4.9	178
118	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021 , 184, 113252	11.8	171
117	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell CoO@MOF-74 nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2021 , 592, 174-185	9.3	168
116	Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127058	12.8	163
115	Recent advances in using of chitosan-based adsorbents for removal of pharmaceutical contaminants: A review. <i>Journal of Cleaner Production</i> , 2021 , 291, 125880	10.3	155
114	Preparation of mullite-TiB ₂ -CNTs hybrid composite through spark plasma sintering. <i>Ceramics International</i> , 2019 , 45, 16288-16296	5.1	139
113	Sonocatalytic activity of biochar-supported ZnO nanorods in degradation of gemifloxacin: Synergy study, effect of parameters and phytotoxicity evaluation. <i>Ultrasonics Sonochemistry</i> , 2019 , 55, 44-56	8.9	133
112	A review on the applications of ultrasonic technology in membrane bioreactors. <i>Ultrasonics Sonochemistry</i> , 2019 , 58, 104633	8.9	130
111	Recent advances in removal techniques of Cr(VI) toxic ion from aqueous solution: A comprehensive review. <i>Journal of Molecular Liquids</i> , 2021 , 329, 115062	6	127
110	Co-reinforcing of mullite-TiN-CNT composites with ZrB ₂ and TiB ₂ compounds. <i>Ceramics International</i> , 2019 , 45, 20844-20854	5.1	124
109	Design and applications of MEMS flow sensors: A review. <i>Sensors and Actuators A: Physical</i> , 2019 , 295, 483-502	3.9	120

108	Effects of ZrB ₂ reinforcement on microstructure and mechanical properties of a spark plasma sintered mullite-CNT composite. <i>Ceramics International</i> , 2019 , 45, 16015-16021	5.1	120
107	In-situ electro-generation and activation of hydrogen peroxide using a CuFeNLDH-CNTs modified graphite cathode for degradation of cefazolin. <i>Journal of Environmental Management</i> , 2020 , 267, 110629-7	7.9	116
106	Novel 1-butyl-3-methylimidazolium bromide impregnated chitosan hydrogel beads nanostructure as an efficient nanobio-adsorbent for cationic dye removal: Kinetic study. <i>Environmental Research</i> , 2021 , 195, 110809	7.9	116
105	Lithium ion-selective membrane with 2D subnanometer channels. <i>Water Research</i> , 2019 , 159, 313-323	12.5	110
104	Mechanical Synthesis of COF Nanosheet Cluster and Its Mixed Matrix Membrane for Efficient CO Removal. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29093-29100	9.5	109
103	Green synthesis using cherry and orange juice and characterization of TbFeO ₃ ceramic nanostructures and their application as photocatalysts under UV light for removal of organic dyes in water. <i>Journal of Cleaner Production</i> , 2020 , 252, 119765	10.3	108
102	Cerium doped magnetite nanoparticles for highly sensitive detection of metronidazole via chemiluminescence assay. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 234, 118272	4.4	106
101	Nanostructured mesoporous carbon polyethersulfone composite ultrafiltration membrane with significantly low protein adsorption and bacterial adhesion. <i>Carbon</i> , 2017 , 111, 689-704	10.4	102
100	Gd ₂ ZnMnO ₆ /ZnO nanocomposites: Green sol-gel auto-combustion synthesis, characterization and photocatalytic degradation of different dye pollutants in water. <i>Journal of Alloys and Compounds</i> , 2020 , 835, 155240	5.7	95
99	An Overview on SARS-CoV-2 (COVID-19) and Other Human Coronaviruses and Their Detection Capability via Amplification Assay, Chemical Sensing, Biosensing, Immunosensing, and Clinical Assays. <i>Nano-Micro Letters</i> , 2021 , 13, 18	19.5	79
98	A Chemiluminescent Method for the Detection of H ₂ O ₂ and Glucose Based on Intrinsic Peroxidase-Like Activity of WS ₂ Quantum Dots. <i>Molecules</i> , 2019 , 24,	4.8	60
97	Biodegradable polymers and their nano-composites for the removal of endocrine-disrupting chemicals (EDCs) from wastewater: A review. <i>Environmental Research</i> , 2021 , 202, 111694	7.9	58
96	Systematic activation of potassium peroxydisulfate with ZIF-8 via sono-assisted catalytic process: Mechanism and ecotoxicological analysis. <i>Journal of Molecular Liquids</i> , 2020 , 308, 113018	6	57
95	A critical review on various remediation approaches for heavy metal contaminants removal from contaminated soils. <i>Chemosphere</i> , 2022 , 287, 132369	8.4	56
94	Heterogeneous UV-Switchable Au nanoparticles decorated tungstophosphoric acid/TiO ₂ for efficient photocatalytic degradation process. <i>Chemosphere</i> , 2021 , 281, 130795	8.4	49
93	Mesoporous FeO@SiO ₂ -hydroxyapatite nanocomposite: Green sonochemical synthesis using strawberry fruit extract as a capping agent, characterization and their application in sulfasalazine delivery and cytotoxicity. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123140	12.8	48
92	Sonophotocatalytic activities of FeCuMg and CrCuMg LDHs: Influencing factors, antibacterial effects, and intermediate determination. <i>Journal of Hazardous Materials</i> , 2020 , 399, 123062	12.8	48
91	An electrochemical strategy for toxic ractopamine sensing in pork samples; twofold amplified nano-based structure analytical tool. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 4098-4104	2.8	47

90	ANOVA Design for the Optimization of TiO Coating on Polyether Sulfone Membranes. <i>Molecules</i> , 2019 , 24,	4.8	46
89	Development of MoS ₂ /O-MWCNTs/PES blended membrane for efficient removal of dyes, antibiotic, and protein. <i>Separation and Purification Technology</i> , 2022 , 280, 119822	8.3	46
88	Excellent Biofouling Alleviation of Thermoexfoliated Vermiculite Blended Poly(ether sulfone) Ultrafiltration Membrane. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 30024-30034	9.5	43
87	Facile synthesis of yttria-promoted nickel catalysts supported on MgO-MCM-41 for syngas production from greenhouse gases. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 134, 110130	16.2	40
86	Nanomaterials modified electrodes for electrochemical detection of Sudan I in food. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 3837-3852	2.8	40
85	Preparation of anti-adhesion and bacterial destructive polymeric ultrafiltration membranes using modified mesoporous carbon. <i>Separation and Purification Technology</i> , 2018 , 205, 273-283	8.3	39
84	Recent advances in the highly sensitive determination of zearalenone residues in water and environmental resources with electrochemical biosensors. <i>Environmental Research</i> , 2021 , 204, 112082	7.9	37
83	Samarium-impregnated nickel catalysts over SBA-15 in steam reforming of CH ₄ process. <i>Journal of Industrial and Engineering Chemistry</i> , 2020 , 86, 73-80	6.3	35
82	Vanadium (V)-doped ZnFe layered double hydroxide for enhanced sonocatalytic degradation of pymetrozine. <i>Chemical Engineering Journal</i> , 2022 , 434, 134730	14.7	35
81	Strategies to Increase On-Target and Reduce Off-Target Effects of the CRISPR/Cas9 System in Plants. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	33
80	Hydrogen production through methane reforming processes using promoted-Ni/mesoporous silica: A review. <i>Journal of Industrial and Engineering Chemistry</i> , 2022 , 107, 20-30	6.3	32
79	High performance of screen-printed graphite electrode modified with NiMo-MOF for voltammetric determination of amaranth. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 4617-4622	2.8	32
78	Scalable fabrication of tunable titanium nanotubes via sonoelectrochemical process for biomedical applications. <i>Ultrasonics Sonochemistry</i> , 2020 , 64, 104783	8.9	27
77	Thermal-hydraulic analysis for alumina/water nanofluid inside a mini-channel heat sink with latent heat cooling ceiling-An experimental study. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 112, 104477	5.8	26
76	Effect of chemistry and geometry of GO nanochannels on the Li ion selectivity and recovery. <i>Desalination</i> , 2020 , 496, 114729	10.3	26
75	A miniaturized piezoresistive flow sensor for real-time monitoring of intravenous infusion. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 568-576	3.5	25
74	Promoted nickel-based catalysts on modified mesoporous silica support: The role of yttria and magnesia on CO ₂ methanation. <i>Microporous and Mesoporous Materials</i> , 2020 , 306, 110455	5.3	23
73	Layer double hydroxides (LDHs)- based electrochemical and optical sensing assessments for quantification and identification of heavy metals in water and environment samples: A review of status and prospects. <i>Trends in Environmental Analytical Chemistry</i> , 2021 , 31, e00139	12	22

72	An investigation into the microstructure and mechanical properties of V2AlC MAX phase prepared by microwave sintering. <i>Journal of Alloys and Compounds</i> , 2019 , 795, 291-303	5.7	21
71	Synergistic effect of freeze-drying and promoters on the catalytic performance of Ni/MgAl layered double hydroxide. <i>Fuel</i> , 2021 , 122620	7.1	21
70	Utilization of a double-cross-linked amino-functionalized three-dimensional graphene networks as a monolithic adsorbent for methyl orange removal: Equilibrium, kinetics, thermodynamics and artificial neural network modeling. <i>Environmental Research</i> , 2021 , 207, 112156	7.9	18
69	Development of Metal Matrix Composites and Nanocomposites Via Double-Pressing Double-Sintering (DPDS) Method. <i>Materials Today Communications</i> , 2020 , 25, 101245	2.5	16
68	Investigation on in-situ formed AlV-Al-VC nano composite through conventional, microwave and spark plasma sintering. <i>Heliyon</i> , 2019 , 5, e01754	3.6	15
67	Production of V2C MXene using a repetitive pattern of V2AlC MAX phase through microwave heating of Al-V2O5-C system. <i>Applied Surface Science</i> , 2021 , 542, 148538	6.7	15
66	Comparative study of modified Ni catalysts over mesoporous CaO-Al2O3 support for CO2/methane reforming. <i>Catalysis Communications</i> , 2020 , 145, 106100	3.2	14
65	Recent signs of progress in polymer-supported silver complexes/nanoparticles for remediation of environmental pollutants. <i>Journal of Molecular Liquids</i> , 2021 , 329, 115583	6	14
64	Luminescent film: Biofouling investigation of tetraphenylethylene blended polyethersulfone ultrafiltration membrane. <i>Chemosphere</i> , 2021 , 267, 128871	8.4	14
63	Taguchi design for optimization of structural and mechanical properties of hydroxyapatite-alumina-titanium nanocomposite. <i>Ceramics International</i> , 2019 , 45, 10097-10105	5.1	13
62	A new electrochemical method for the detection of quercetin in onion, honey and green tea using Co3O4 modified GCE. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 3720-3730	2.8	13
61	Valorisation of nuts biowaste: Prospects in sustainable bio(nano)catalysts and environmental applications. <i>Journal of Cleaner Production</i> , 2022 , 347, 131220	10.3	13
60	Identification of heavy metal ions from aqueous environment through gold, Silver and Copper Nanoparticles: An excellent colorimetric approach. <i>Environmental Research</i> , 2021 , 205, 112475	7.9	12
59	Laser Ablation-Assisted Synthesis of Poly (Vinylidene Fluoride)/Au Nanocomposites: Crystalline Phase and Micromechanical Finite Element Analysis. <i>Polymers</i> , 2020 , 12,	4.5	12
58	The effects of metallic additives on the microstructure and mechanical properties of WC-Co cermets prepared by microwave sintering. <i>Ceramics International</i> , 2020 , 46, 29199-29206	5.1	12
57	Developing a simple box-behken experimental design on the removal of doxorubicin anticancer drug using FeO/graphene nanoribbons adsorbent. <i>Environmental Research</i> , 2021 , 200, 111522	7.9	12
56	Preparation of Au nanoparticles by Q switched laser ablation and their application in 4-nitrophenol reduction. <i>Clean Technologies and Environmental Policy</i> , 2020 , 22, 1715-1724	4.3	11
55	Effects of 211 and 413 ordering on the corrosion behavior of V-Al-C MAX phases prepared by spark plasma sintering. <i>Journal of the European Ceramic Society</i> , 2021 , 41, 4774-4787	6	11

54	Nickel-based nanocatalysts promoted over MgO-modified SBA-16 for dry reforming of methane for syngas production: Impact of support and promoters. <i>Journal of the Energy Institute</i> , 2021 , 97, 100-108	5.7	11
53	Polysaccharide-based (nano)materials for Cr(VI) removal. <i>International Journal of Biological Macromolecules</i> , 2021 , 188, 950-973	7.9	11
52	Graphene-based ZnCr layered double hydroxide nanocomposites as bactericidal agents with high sonophotocatalytic performances for degradation of rifampicin. <i>Chemosphere</i> , 2022 , 286, 131740	8.4	11
51	Recent advances in nanomaterial development for lithium ion-sieving technologies. <i>Desalination</i> , 2022 , 529, 115624	10.3	11
50	Study of the potential effect of spark plasma sintering on the preparation of complex FGM/laminated WC-based cermet. <i>International Journal of Refractory Metals and Hard Materials</i> , 2020 , 92, 105328	4.1	10
49	Comparative study of sonocatalytic process using MOF-5 and peroxydisulfate by central composite design and artificial neural network. <i>Journal of Molecular Liquids</i> , 2020 , 316, 113801	6	9
48	Laser-assisted preparation of C ₃ N ₄ /Fe ₂ O ₃ /Au nanocomposite: a magnetic reusable catalyst for pollutant degradation. <i>Clean Technologies and Environmental Policy</i> , 2021 , 23, 1797-1806	4.3	9
47	The effect of D-spacing on the ion selectivity performance of MXene membrane. <i>Journal of Membrane Science</i> , 2021 , 639, 119752	9.6	9
46	Efficient Sorbitol Producing Process through Glucose Hydrogenation Catalyzed by Ru Supported Amino Poly (Styrene-co-Maleic) Polymer (ASMA) Encapsulated on γ -Al ₂ O ₃ . <i>Catalysts</i> , 2020 , 10, 1068	4	8
45	Applying Membrane Distillation for the Recovery of Nitrate from Saline Water Using PVDF Membranes Modified as Superhydrophobic Membranes. <i>Polymers</i> , 2020 , 12,	4.5	8
44	Enhanced optical properties and photodetection behavior of ZnS thin film deposited by electron beam evaporation upon doping with europium oxide. <i>Ceramics International</i> , 2020 , 46, 28382-28389	5.1	8
43	Patulin and Trichothecene: characteristics, occurrence, toxic effects and detection capabilities via clinical, analytical and nanostructured electrochemical sensing/biosensing assays in foodstuffs. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-29	11.5	8
42	An electrochemical sensor for detection of trace-level endocrine disruptor bisphenol A using MoTiAlC MAX phase/MWCNT composite modified electrode.. <i>Environmental Research</i> , 2022 , 113071	7.9	8
41	Effective parameters on the performance of ground heat exchangers: A review of latest advances. <i>Geothermics</i> , 2022 , 98, 102283	4.3	7
40	Large Optical Nonlinearity of the Activated Carbon Nanoparticles Prepared by Laser Ablation. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
39	Synergistic catalytic hydrogenation of furfural to 1,2-pentanediol and 1,5-pentanediol with LDO derived from CuMgAl hydrotalcite. <i>Molecular Catalysis</i> , 2021 , 499, 111298	3.3	7
38	Novel magnetic lignosulfonate-supported Pd complex as an efficient nanocatalyst for N-arylation of 4-methylbenzenesulfonamide. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 564-573	7.9	7
37	Preparation of magnetic chitosan-supported palladium-5-amino-1H-tetrazole complex as a magnetically recyclable catalyst for Suzuki-Miyaura coupling reaction in green media. <i>Journal of Molecular Structure</i> , 2021 , 1244, 130873	3.4	7

36	Axial chiral binaphthalene-diketopyrrolopyrrole dyads as efficient far-red to near-infrared circularly polarized luminescent emitters. <i>Dyes and Pigments</i> , 2020 , 173, 107998	4.6	6
35	Machine Learning for Advanced Design of Nanocomposite Ultrafiltration Membranes. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 5236-5250	3.9	6
34	Polymer supported copper complexes/nanoparticles for treatment of environmental contaminants. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115668	6	6
33	Optical properties and thermal stability evaluation of solar absorbers enhanced by nanostructured selective coating films. <i>Powder Technology</i> , 2021 , 377, 939-957	5.2	6
32	Ultrasound-assisted catalytic activation of peroxydisulfate on Ti3GeC2 MAX phase for efficient removal of hazardous pollutants. <i>Materials Today Chemistry</i> , 2022 , 24, 100818	6.2	6
31	Chromium carbide, carbon nano tubes and carbon fibers reinforced magnesium matrix hybrid composites prepared by spark plasma sintering. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020 , 789, 139662	5.3	5
30	Easy and economical nanocasting method for preparation of carbon adsorbent using low-cost precursors in the presence of a natural zeolite as template. <i>Micro and Nano Letters</i> , 2012 , 7, 1136-1139	0.9	5
29	A combination of hydrothermal, intercalation and electrochemical methods for the preparation of high-quality graphene: Characterization and using to prepare graphene-polyurethane nanocomposite. <i>Journal of Alloys and Compounds</i> , 2020 , 848, 156495	5.7	5
28	Characterization of mullite-Nd2O3 composite prepared through spark plasma sintering. <i>Ceramics International</i> , 2021 , 47, 16200-16207	5.1	5
27	Numerical and experimental investigation of natural gas injection effects on NOx reburning at the rotary cement kiln exhaust. <i>Chemical Engineering Research and Design</i> , 2021 , 151, 290-298	5.5	5
26	Anti-coking freeze-dried NiMgAl catalysts for dry and steam reforming of methane. <i>Journal of Industrial and Engineering Chemistry</i> , 2021 , 103, 187-194	6.3	5
25	Carbonaceous materials for removal and recovery of phosphate species: Limitations, successes and future improvement. <i>Chemosphere</i> , 2022 , 287, 132177	8.4	5
24	Lignin valorization: Facile synthesis, characterization and catalytic activity of multiwalled carbon nanotubes/kraft lignin/Pd nanocomposite for environmental remediation. <i>Separation and Purification Technology</i> , 2022 , 290, 120793	8.3	5
23	Bioethanol production from pomegranate peel by simultaneous saccharification and fermentation process. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	4
22	Solid-state fermentation as an alternative technology for cost-effective production of bioethanol as useful renewable energy: a review. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	4
21	Ultrafast and stable planar photodetector based on SnS nanosheets/perovskite structure. <i>Scientific Reports</i> , 2021 , 11, 19353	4.9	4
20	Antibacterial, antibiofilm, anti-inflammatory, and wound healing effects of nanoscale multifunctional cationic alternating copolymers.. <i>Bioorganic Chemistry</i> , 2021 , 119, 105550	5.1	3
19	Effects of vanadium and titanium addition on the densification, microstructure and mechanical properties of WC-Co cermets. <i>Ceramics International</i> , 2021 , 47, 14270-14279	5.1	3

18	Recent developments in polymer-supported ruthenium nanoparticles/complexes for oxidation reactions. <i>Journal of Organometallic Chemistry</i> , 2021 , 933, 121658	2.3	3
17	Toxicity of Zn-Fe Layered Double Hydroxide to Different Organisms in the Aquatic Environment. <i>Molecules</i> , 2021 , 26,	4.8	3
16	Lignosulfonate valorization into a Cu-containing magnetically recyclable photocatalyst for treating wastewater pollutants in aqueous media. <i>Chemosphere</i> , 2022 , 135180	8.4	3
15	In situ simultaneous chemical activation and exfoliation of carbon quantum dots for atmospheric adsorption of H ₂ S and CO ₂ at room temperature. <i>Applied Surface Science</i> , 2021 , 559, 149892	6.7	2
14	Delving into role of palladium nanoparticles-decorated graphene oxide sheets on photoelectrochemical enhancement of porous silicon. <i>Inorganic Chemistry Communication</i> , 2021 , 135, 109081	3.1	1
13	TiN formation on Ti target by laser ablation method under different N ₂ gas pressure and laser scanning cycles: A wettability study. <i>Surfaces and Interfaces</i> , 2021 , 27, 101509	4.1	1
12	Polystyrene immobilized Brønsted acid ionic liquid as an efficient and recyclable catalyst for the synthesis of 5-hydroxymethylfurfural from fructose. <i>Journal of Molecular Liquids</i> , 2022 , 345, 117811	6	1
11	Iran's alarmingly mismanaged zoos. <i>Science</i> , 2021 , 373, 501	33.3	1
10	Ultrasensitive electrochemical sensor for detection of rutin antioxidant by layered TiAlCuC MAX phase.. <i>Food and Chemical Toxicology</i> , 2022 , 113016	4.7	1
9	MOF-based sensor platforms for rapid detection of pesticides to maintain food quality and safety. <i>Food and Chemical Toxicology</i> , 2022 , 113176	4.7	1
8	Copper complex stabilized on magnetic lignosulfonate: a magnetically recyclable catalyst for removal of wastewater contaminants. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	0
7	Removal of Pb(II) from Aqueous Solution by Ceramsite Prepared from Isfahan Bentonite and γ -Alumina. <i>Chemistry and Chemical Technology</i> , 2021 , 15, 263-273	0.9	0
6	Laser-assisted synthesis of bentonite/Pd nanocomposite and its electrochemical hydrogen storage capacity. <i>Microporous and Mesoporous Materials</i> , 2021 , 328, 111439	5.3	0
5	Preface to the Special Issue on Electrocatalytic Technologies <i>Topics in Catalysis</i> , 2022 , 65, 563	2.3	0
4	Magnetic chitosan stabilized Cu(II)-tetrazole complex: an effective nanocatalyst for the synthesis of 3-imino-2-phenylisoindolin-1-one derivatives under ultrasound irradiation.. <i>Scientific Reports</i> , 2022 , 12, 6724	4.9	0
3	Influence of Cd salt concentration on the photoconductivity of CdS thin films prepared by chemical bath technique. <i>Materials Science in Semiconductor Processing</i> , 2022 , 148, 106773	4.3	0
2	Facile synthesis of Cu nanoparticles supported on magnetic lignin-chitosan blend as a highly effective catalyst for the preparation of 5-aryl-1H-tetrazoles. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	
1	Using metallic additives as a bonding layer to produce Ti-based laminated composites via spark plasma sintering. <i>Journal of Science: Advanced Materials and Devices</i> , 2021 , 6, 435-445	4.2	

