

# Yasin Orooji

## List of Publications by Year in descending order

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128  
papers

10,107  
citations

36203

51  
h-index

37111

96  
g-index

131  
all docs

131  
docs citations

131  
times ranked

5595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in using of chitosan-based adsorbents for removal of pharmaceutical contaminants: A review. <i>Journal of Cleaner Production</i> , 2021, 291, 125880.	4.6	373
2	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 &amp; Engineering Chemistry Research</i> , 2021, 60, 816-823.	1.8	358
3	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021, 184, 113252.	5.3	343
4	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.	2.3	332
5	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. <i>Journal of Molecular Liquids</i> , 2020, 314, 113588.	2.3	323
6	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.	2.3	319
7	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell Co <sub>3</sub> O <sub>4</sub> @MOF-74 nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 174-185.	5.0	307
8	Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor. <i>Journal of Hazardous Materials</i> , 2022, 423, 127058.	6.5	294
9	Hierarchically structured ternary heterojunctions based on Ce <sup>3+</sup> / Ce <sup>4+</sup> modified Fe <sub>3</sub> O <sub>4</sub> 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.	6.5	284
10	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.	6.5	268
11	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.	1.6	250
12	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, 310, 113185.	2.3	248
13	A critical review on various remediation approaches for heavy metal contaminants removal from contaminated soils. <i>Chemosphere</i> , 2022, 287, 132369.	4.2	246
14	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.	3.7	234
15	Design and applications of MEMS flow sensors: A review. <i>Sensors and Actuators A: Physical</i> , 2019, 295, 483-502.	2.0	233
16	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.	3.8	183
17	Heterogeneous UV-Switchable Au nanoparticles decorated tungstophosphoric acid/TiO <sub>2</sub> for efficient photocatalytic degradation process. <i>Chemosphere</i> , 2021, 281, 130795.	4.2	178
18	A review on the applications of ultrasonic technology in membrane bioreactors. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104633.	3.8	176

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19	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.	3.8	166
20	Preparation of mullite-TiB <sub>2</sub> -CNTs hybrid composite through spark plasma sintering. <i>Ceramics International</i> , 2019, 45, 16288-16296.	2.3	160
21	Lithium ion-selective membrane with 2D subnanometer channels. <i>Water Research</i> , 2019, 159, 313-323.	5.3	159
22	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.	14.4	157
23	Mechanical Synthesis of COF Nanosheet Cluster and Its Mixed Matrix Membrane for Efficient CO <sub>2</sub> Removal. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 29093-29100.	4.0	152
24	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.	3.7	152
25	Co-reinforcing of mullite-TiN-CNT composites with ZrB <sub>2</sub> and TiB <sub>2</sub> compounds. <i>Ceramics International</i> , 2019, 45, 20844-20854.	2.3	148
26	Effects of ZrB <sub>2</sub> reinforcement on microstructure and mechanical properties of a spark plasma sintered mullite-CNT composite. <i>Ceramics International</i> , 2019, 45, 16015-16021.	2.3	143
27	Gd <sub>2</sub> ZnMnO <sub>6</sub> /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.	2.8	135
28	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.	2.0	135
29	Green synthesis using cherry and orange juice and characterization of TbFeO <sub>3</sub> 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.	4.6	132
30	Nanostructured mesoporous carbon polyethersulfone composite ultrafiltration membrane with significantly low protein adsorption and bacterial adhesion. <i>Carbon</i> , 2017, 111, 689-704.	5.4	122
31	Development of MoS <sub>2</sub> /O-MWCNTs/PES blended membrane for efficient removal of dyes, antibiotic, and protein. <i>Separation and Purification Technology</i> , 2022, 280, 119822.	3.9	122
32	Vanadium (V)-doped ZnFe layered double hydroxide for enhanced sonocatalytic degradation of pymetrozine. <i>Chemical Engineering Journal</i> , 2022, 434, 134730.	6.6	111
33	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.	1.6	101
34	High performance of screen-printed graphite electrode modified with Ni@Mo-MOF for voltammetric determination of amaranth. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 4617-4622.	1.6	99
35	Nanomaterials modified electrodes for electrochemical detection of Sudan I in food. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 3837-3852.	1.6	95
36	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> , 2022, 207, 112156.	3.7	90

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37	Mesoporous Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -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.	6.5	84
38	A Chemiluminescent Method for the Detection of H <sub>2</sub> O <sub>2</sub> and Glucose Based on Intrinsic Peroxidase-Like Activity of WS <sub>2</sub> Quantum Dots. <i>Molecules</i> , 2019, 24, 689.	1.7	81
39	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.	2.3	81
40	Sonophotocatalytic activities of FeCuMg and CrCuMg LDHs: Influencing factors, antibacterial effects, and intermediate determination. <i>Journal of Hazardous Materials</i> , 2020, 399, 123062.	6.5	80
41	Identification of heavy metal ions from aqueous environment through gold, Silver and Copper Nanoparticles: An excellent colorimetric approach. <i>Environmental Research</i> , 2022, 205, 112475.	3.7	79
42	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.	2.9	79
43	Recent advances in the highly sensitive determination of zearalenone residues in water and environmental resources with electrochemical biosensors. <i>Environmental Research</i> , 2022, 204, 112082.	3.7	77
44	Recent advances in nanomaterial development for lithium ion-sieving technologies. <i>Desalination</i> , 2022, 529, 115624.	4.0	77
45	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.	8.2	75
46	Valorisation of nuts biowaste: Prospects in sustainable bio(nano)catalysts and environmental applications. <i>Journal of Cleaner Production</i> , 2022, 347, 131220.	4.6	71
47	Polysaccharide-based (nano)materials for Cr(VI) removal. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 950-973.	3.6	63
48	ANOVA Design for the Optimization of TiO <sub>2</sub> Coating on Polyether Sulfone Membranes. <i>Molecules</i> , 2019, 24, 2924.	1.7	62
49	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, 3719.	1.8	61
50	Excellent Biofouling Alleviation of Thermoexfoliated Vermiculite Blended Poly(ether sulfone) Ultrafiltration Membrane. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 30024-30034.	4.0	60
51	MOF-based sensor platforms for rapid detection of pesticides to maintain food quality and safety. <i>Food and Chemical Toxicology</i> , 2022, 165, 113176.	1.8	60
52	An electrochemical sensor for detection of trace-level endocrine disruptor bisphenol A using Mo <sub>2</sub> Ti <sub>2</sub> AlC <sub>3</sub> MAX phase/MWCNT composite modified electrode. <i>Environmental Research</i> , 2022, 212, 113071.	3.7	55
53	Samarium-impregnated nickel catalysts over SBA-15 in steam reforming of CH <sub>4</sub> process. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 86, 73-80.	2.9	49
54	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.	5.3	49

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55	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.	3.1	48
56	Preparation of anti-adhesion and bacterial destructive polymeric ultrafiltration membranes using modified mesoporous carbon. <i>Separation and Purification Technology</i> , 2018, 205, 273-283.	3.9	46
57	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> , 2022, 62, 5540-5568.	5.4	45
58	Graphene-based ZnCr layered double hydroxide nanocomposites as bactericidal agents with high sonophotocatalytic performances for degradation of rifampicin. <i>Chemosphere</i> , 2022, 286, 131740.	4.2	44
59	Synergistic effect of freeze-drying and promoters on the catalytic performance of Ni/MgAl layered double hydroxide. <i>Fuel</i> , 2022, 311, 122620.	3.4	44
60	Effect of chemistry and geometry of GO nanochannels on the Li ion selectivity and recovery. <i>Desalination</i> , 2020, 496, 114729.	4.0	42
61	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.	1.6	41
62	Scalable fabrication of tunable titanium nanotubes via sonoelectrochemical process for biomedical applications. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 104783.	3.8	38
63	The effect of D-spacing on the ion selectivity performance of MXene membrane. <i>Journal of Membrane Science</i> , 2021, 639, 119752.	4.1	38
64	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.	2.9	37
65	Promoted nickel-based catalysts on modified mesoporous silica support: The role of yttria and magnesia on CO2 methanation. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110455.	2.2	37
66	Machine Learning for Advanced Design of Nanocomposite Ultrafiltration Membranes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 5236-5250.	1.8	36
67	Effective parameters on the performance of ground heat exchangers: A review of latest advances. <i>Geothermics</i> , 2022, 98, 102283.	1.5	36
68	Recent signs of progress in polymer-supported silver complexes/nanoparticles for remediation of environmental pollutants. <i>Journal of Molecular Liquids</i> , 2021, 329, 115583.	2.3	35
69	Laser Ablation-Assisted Synthesis of Poly (Vinylidene Fluoride)/Au Nanocomposites: Crystalline Phase and Micromechanical Finite Element Analysis. <i>Polymers</i> , 2020, 12, 2630.	2.0	34
70	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.	3.9	34
71	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.	2.8	33
72	Ultrasound-assisted catalytic activation of peroxydisulfate on Ti3GeC2 MAX phase for efficient removal of hazardous pollutants. <i>Materials Today Chemistry</i> , 2022, 24, 100818.	1.7	32

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73	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.	2.1	30
74	Carbonaceous materials for removal and recovery of phosphate species: Limitations, successes and future improvement. <i>Chemosphere</i> , 2022, 287, 132177.	4.2	30
75	A new electrochemical method for the detection of quercetin in onion, honey and green tea using Co <sub>3</sub> O <sub>4</sub> modified GCE. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 3720-3730.	1.6	29
76	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.	2.7	29
77	Developing a simple boxâ€œbehnken experimental design on the removal of doxorubicin anticancer drug using Fe <sub>3</sub> O <sub>4</sub> /graphene nanoribbons adsorbent. <i>Environmental Research</i> , 2021, 200, 111522.	3.7	29
78	Optical properties and thermal stability evaluation of solar absorbers enhanced by nanostructured selective coating films. <i>Powder Technology</i> , 2021, 377, 939-957.	2.1	28
79	Luminescent film: Biofouling investigation of tetraphenylethylene blended polyethersulfone ultrafiltration membrane. <i>Chemosphere</i> , 2021, 267, 128871.	4.2	26
80	Taguchi design for optimization of structural and mechanical properties of hydroxyapatite-alumina-titanium nanocomposite. <i>Ceramics International</i> , 2019, 45, 10097-10105.	2.3	25
81	Comparative study of modified Ni catalysts over mesoporous CaO-Al <sub>2</sub> O <sub>3</sub> support for CO <sub>2</sub> /methane reforming. <i>Catalysis Communications</i> , 2020, 145, 106100.	1.6	25
82	Lignosulfonate valorization into a Cu-containing magnetically recyclable photocatalyst for treating wastewater pollutants in aqueous media. <i>Chemosphere</i> , 2022, 305, 135180.	4.2	25
83	Laser-assisted preparation of C <sub>3</sub> N <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> /Au nanocomposite: a magnetic reusable catalyst for pollutant degradation. <i>Clean Technologies and Environmental Policy</i> , 2021, 23, 1797-1806.	2.1	24
84	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.	2.8	24
85	Polymer supported copper complexes/nanoparticles for treatment of environmental contaminants. <i>Journal of Molecular Liquids</i> , 2021, 330, 115668.	2.3	23
86	Ultrasensitive electrochemical sensor for detection of rutin antioxidant by layered Ti <sub>3</sub> Al <sub>0.5</sub> Cu <sub>0.5</sub> C <sub>2</sub> MAX phase. <i>Food and Chemical Toxicology</i> , 2022, 164, 113016.	1.8	23
87	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.	1.0	22
88	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.	2.3	21
89	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.	3.6	21
90	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.	2.3	20

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91	Ultrafast and stable planar photodetector based on SnS <sub>2</sub> nanosheets/perovskite structure. <i>Scientific Reports</i> , 2021, 11, 19353.	1.6	19
92	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.	1.8	19
93	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.	2.3	19
94	Toxicity of Zn-Fe Layered Double Hydroxide to Different Organisms in the Aquatic Environment. <i>Molecules</i> , 2021, 26, 395.	1.7	18
95	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.	2.9	18
96	Development of Metal Matrix Composites and Nanocomposites Via Double-Pressing Double-Sintering (DPDS) Method. <i>Materials Today Communications</i> , 2020, 25, 101245.	0.9	18
97	Large Optical Nonlinearity of the Activated Carbon Nanoparticles Prepared by Laser Ablation. <i>Nanomaterials</i> , 2021, 11, 737.	1.9	17
98	In situ simultaneous chemical activation and exfoliation of carbon quantum dots for atmospheric adsorption of H <sub>2</sub> S and CO <sub>2</sub> at room temperature. <i>Applied Surface Science</i> , 2021, 559, 149892.	3.1	17
99	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.	1.7	16
100	Characterization of mullite-Nd <sub>2</sub> O <sub>3</sub> composite prepared through spark plasma sintering. <i>Ceramics International</i> , 2021, 47, 16200-16207.	2.3	16
101	Investigation on in-situ formed Al <sub>3</sub> V-Al-VC nano composite through conventional, microwave and spark plasma sintering. <i>Heliyon</i> , 2019, 5, e01754.	1.4	15
102	Efficient Sorbitol Producing Process through Glucose Hydrogenation Catalyzed by Ru Supported Amino Poly (Styrene-co-Maleic) Polymer (ASMA) Encapsulated on γ-Al <sub>2</sub> O <sub>3</sub> . <i>Catalysts</i> , 2020, 10, 1068.	1.6	15
103	Axial chiral binaphthalene-diketopyrrolopyrrole dyads as efficient far-red to near-infrared circularly polarized luminescent emitters. <i>Dyes and Pigments</i> , 2020, 173, 107998.	2.0	14
104	Bioethanol production from pomegranate peel by simultaneous saccharification and fermentation process. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	14
105	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.	2.3	12
106	Applying Membrane Distillation for the Recovery of Nitrate from Saline Water Using PVDF Membranes Modified as Superhydrophobic Membranes. <i>Polymers</i> , 2020, 12, 2774.	2.0	12
107	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.	2.8	12
108	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.	2.3	12

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109	Numerical and experimental investigation of natural gas injection effects on NO <sub>x</sub> reburning at the rotary cement kiln exhaust. <i>Chemical Engineering Research and Design</i> , 2021, 151, 290-298.	2.7	12
110	Chromium carbide, carbon nano tubes and carbon fibers reinforced magnesium matrix hybrid composites prepared by spark plasma sintering. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 789, 139662.	2.6	11
111	Laser-assisted synthesis of bentonite/Pd nanocomposite and its electrochemical hydrogen storage capacity. <i>Microporous and Mesoporous Materials</i> , 2021, 328, 111439.	2.2	9
112	Modified chitosan-zeolite supported Pd nanoparticles: A reusable catalyst for the synthesis of 5-substituted-1H-tetrazoles from aryl halides. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1573-1585.	3.6	9
113	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> , 0, , 1.	2.9	7
114	Antibacterial, antibiofilm, anti-inflammatory, and wound healing effects of nanoscale multifunctional cationic alternating copolymers. <i>Bioorganic Chemistry</i> , 2022, 119, 105550.	2.0	7
115	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.	1.9	6
116	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.	0.6	5
117	Recent developments in polymer-supported ruthenium nanoparticles/complexes for oxidation reactions. <i>Journal of Organometallic Chemistry</i> , 2021, 933, 121658.	0.8	5
118	Delving into role of palladium nanoparticles-decorated graphene oxide sheets on photoelectrochemical enhancement of porous silicon. <i>Inorganic Chemistry Communication</i> , 2022, 135, 109081.	1.8	5
119	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.	1.6	4
120	Father of reverse osmosis who made a huge impact on our world: Srinivasa Sourirajan (October 16,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.1	4
121	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> , 2023, 13, 12451-12465.	2.9	3
122	Microstructure and phase formation of mullite-Pr <sub>6</sub> O <sub>11</sub> composite prepared by spark plasma sintering. <i>Journal of Rare Earths</i> , 2023, 41, 283-289.	2.5	3
123	Removal of Pb(II) from Aqueous Solution by Ceramsite Prepared from Isfahan Bentonite and $\hat{1}^3$ -Alumina. <i>Chemistry and Chemical Technology</i> , 2021, 15, 263-273.	0.2	2
124	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.	1.5	2
125	TiN formation on Ti target by laser ablation method under different N <sub>2</sub> gas pressure and laser scanning cycles: A wettability study. <i>Surfaces and Interfaces</i> , 2021, 27, 101509.	1.5	2
126	Iran's alarmingly mismanaged zoos. <i>Science</i> , 2021, 373, 501-501.	6.0	1



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127	Copper complex stabilized on magnetic lignosulfonate: a magnetically recyclable catalyst for removal of wastewater contaminants. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	1
128	Preface to the Special Issue on "Electrocatalytic Technologies" <i>Topics in Catalysis</i> , 2022, 65, 563.	1.3	1