

Yasin Orooji

List of Publications by Year in Descending Order

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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	Vanadium (V)-doped ZnFe layered double hydroxide for enhanced sonocatalytic degradation of pymetrozine. <i>Chemical Engineering Journal</i> , 2022 , 434, 134730	14.7	35
124	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
123	Effective parameters on the performance of ground heat exchangers: A review of latest advances. <i>Geothermics</i> , 2022 , 98, 102283	4.3	7
122	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
121	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
120	Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127058	12.8	163
119	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
118	A critical review on various remediation approaches for heavy metal contaminants removal from contaminated soils. <i>Chemosphere</i> , 2022 , 287, 132369	8.4	56
117	Carbonaceous materials for removal and recovery of phosphate species: Limitations, successes and future improvement. <i>Chemosphere</i> , 2022 , 287, 132177	8.4	5
116	Recent advances in nanomaterial development for lithium ion-sieving technologies. <i>Desalination</i> , 2022 , 529, 115624	10.3	11
115	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
114	Ultrasound-assisted catalytic activation of peroxydisulfate on Ti ₃ GeC ₂ MAX phase for efficient removal of hazardous pollutants. <i>Materials Today Chemistry</i> , 2022 , 24, 100818	6.2	6
113	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
112	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
111	Ultrasensitive electrochemical sensor for detection of rutin antioxidant by layered TiAlCuC MAX phase.. <i>Food and Chemical Toxicology</i> , 2022 , 113016	4.7	1
110	Preface to the Special Issue on Electrocatalytic Technologies <i>Topics in Catalysis</i> , 2022 , 65, 563	2.3	0
109	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

108	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
107	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
106	Lignosulfonate valorization into a Cu-containing magnetically recyclable photocatalyst for treating wastewater pollutants in aqueous media. <i>Chemosphere</i> , 2022 , 135180	8.4	3
105	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
104	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
103	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
102	Antibacterial, antibiofilm, anti-inflammatory, and wound healing effects of nanoscale multifunctional cationic alternating copolymers.. <i>Bioorganic Chemistry</i> , 2021 , 119, 105550	5.1	3
101	TiN formation on Ti target by laser ablation method under different N2 gas pressure and laser scanning cycles: A wettability study. <i>Surfaces and Interfaces</i> , 2021 , 27, 101509	4.1	1
100	Large Optical Nonlinearity of the Activated Carbon Nanoparticles Prepared by Laser Ablation. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
99	Machine Learning for Advanced Design of Nanocomposite Ultrafiltration Membranes. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 5236-5250	3.9	6
98	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
97	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
96	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
95	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
94	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
93	Removal of Pb(II) from Aqueous Solution by Ceramsite Prepared from Isfahan Bentonite and Al ₂ O ₃ . <i>Chemistry and Chemical Technology</i> , 2021 , 15, 263-273	0.9	0
92	Polymer supported copper complexes/nanoparticles for treatment of environmental contaminants. <i>Journal of Molecular Liquids</i> , 2021 , 330, 115668	6	6
91	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

90	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
89	Characterization of mullite-Nd ₂ O ₃ composite prepared through spark plasma sintering. <i>Ceramics International</i> , 2021 , 47, 16200-16207	5.1	5
88	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
87	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
86	Numerical and experimental investigation of natural gas injection effects on NO _x reburning at the rotary cement kiln exhaust. <i>Chemical Engineering Research and Design</i> , 2021 , 151, 290-298	5.5	5
85	Iran's alarmingly mismanaged zoos. <i>Science</i> , 2021 , 373, 501	33.3	1
84	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
83	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
82	Production of V ₂ C MXene using a repetitive pattern of V ₂ AlC MAX phase through microwave heating of Al-V ₂ O ₅ -C system. <i>Applied Surface Science</i> , 2021 , 542, 148538	6.7	15
81	Luminescent film: Biofouling investigation of tetraphenylethylene blended polyethersulfone ultrafiltration membrane. <i>Chemosphere</i> , 2021 , 267, 128871	8.4	14
80	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
79	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
78	Recent developments in polymer-supported ruthenium nanoparticles/complexes for oxidation reactions. <i>Journal of Organometallic Chemistry</i> , 2021 , 933, 121658	2.3	3
77	Toxicity of Zn-Fe Layered Double Hydroxide to Different Organisms in the Aquatic Environment. <i>Molecules</i> , 2021 , 26,	4.8	3
76	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
75	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
74	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
73	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021 , 184, 113252	11.8	171

72	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
71	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
70	Ultrafast and stable planar photodetector based on SnS nanosheets/perovskite structure. <i>Scientific Reports</i> , 2021 , 11, 19353	4.9	4
69	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
68	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
67	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	
66	Developing a simple box-behnen experimental design on the removal of doxorubicin anticancer drug using FeO/graphene nanoribbons adsorbent. <i>Environmental Research</i> , 2021 , 200, 111522	7.9	12
65	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
64	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
63	Heterogeneous UV-Switchable Au nanoparticles decorated tungstophosphoric acid/TiO ₂ for efficient photocatalytic degradation process. <i>Chemosphere</i> , 2021 , 281, 130795	8.4	49
62	Polysaccharide-based (nano)materials for Cr(VI) removal. <i>International Journal of Biological Macromolecules</i> , 2021 , 188, 950-973	7.9	11
61	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
60	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
59	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
58	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
57	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
56	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
55	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

54	Mesoporous FeO@SiO-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
53	Tuning of metal oxides photocatalytic performance using Ag nanoparticles integration. <i>Journal of Molecular Liquids</i> , 2020 , 314, 113588	6	225
52	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
51	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
50	Comparative study of modified Ni catalysts over mesoporous CaO-Al ₂ O ₃ support for CO ₂ /methane reforming. <i>Catalysis Communications</i> , 2020 , 145, 106100	3.2	14
49	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
48	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
47	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
46	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
45	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
44	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	7.9	116
43	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
42	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
41	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
40	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
39	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
38	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
37	Effect of chemistry and geometry of GO nanochannels on the Li ion selectivity and recovery. <i>Desalination</i> , 2020 , 496, 114729	10.3	26

36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	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
25	Scalable fabrication of tunable titanium nanotubes via sonoelectrochemical process for biomedical applications. <i>Ultrasonics Sonochemistry</i> , 2020 , 64, 104783	8.9	27
24	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	6	187
23	ANOVA Design for the Optimization of TiO Coating on Polyether Sulfone Membranes. <i>Molecules</i> , 2019 , 24,	4.8	46
22	Preparation of mullite-TiB ₂ -CNTs hybrid composite through spark plasma sintering. <i>Ceramics International</i> , 2019 , 45, 16288-16296	5.1	139
21	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
20	A review on the applications of ultrasonic technology in membrane bioreactors. <i>Ultrasonics Sonochemistry</i> , 2019 , 58, 104633	8.9	130
19	Design and applications of MEMS flow sensors: A review. <i>Sensors and Actuators A: Physical</i> , 2019 , 295, 483-502	3.9	120

18	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
17	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
16	An investigation into the microstructure and mechanical properties of V ₂ AlC MAX phase prepared by microwave sintering. <i>Journal of Alloys and Compounds</i> , 2019 , 795, 291-303	5.7	21
15	Lithium ion-selective membrane with 2D subnanometer channels. <i>Water Research</i> , 2019 , 159, 313-323	12.5	110
14	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
13	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
12	A Chemiluminescent Method for the Detection of H ₂ O ₂ and Glucose Based on Intrinsic Peroxidase-Like Activity of WSD Quantum Dots. <i>Molecules</i> , 2019 , 24,	4.8	60
11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	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	
2	Bioethanol production from pomegranate peel by simultaneous saccharification and fermentation process. <i>Biomass Conversion and Biorefinery</i> , ¹	2.3	4
1	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

