

Elaheh Kowsari

List of Publications by Year in descending order

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174
papers

5,312
citations

87723

38
h-index

133063

59
g-index

179
all docs

179
docs citations

179
times ranked

5033
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of novel GO-Gly/HNTs and GO-GG/HNTs nanocomposites for removal of Pb(II) from water: optimization based on the RSM-CCD model. <i>Environmental Science and Pollution Research</i> , 2022, 29, 9124-9141.	2.7	4
2	Impacts of cellulose nanofibers on the morphological behavior and dynamic mechanical thermal properties of extruded polylactic acid/cellulose nanofibril nanocomposite foam. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51673.	1.3	7
3	High-performance symmetric supercapacitor based on new functionalized graphene oxide composites with pyrimidine nucleotide and nucleoside. <i>Journal of Molecular Liquids</i> , 2022, 348, 118381.	2.3	9
4	Application of ionic liquids in green energy-storage materials. , 2022, , 155-166.		3
5	Functionalized graphene oxide/activated carbon from canola waste as sustainable nanomaterials to improve pseudocapacitance performance of the electroactive conductive polymer. <i>Journal of Energy Storage</i> , 2022, 50, 104279.	3.9	12
6	TiO ₂ nanoarrays modification by a novel Cobalt-heteroatom doped graphene complex for photoelectrochemical water splitting: An experimental and theoretical study. <i>Journal of Molecular Liquids</i> , 2022, 356, 118960.	2.3	9
7	Si-containing 3D cage-functionalized graphene oxide grafted with Ferrocene for high-performance supercapacitor application: An experimental and theoretical study. <i>Journal of Energy Storage</i> , 2022, 50, 104635.	3.9	9
8	N-heterocycle-functionalized graphene oxide complexed with cobalt(II) as symmetric supercapacitor electrodes. <i>Journal of Alloys and Compounds</i> , 2022, 914, 165371.	2.8	15
9	Investigating the potential of sustainable use of green silica in the green tire industry: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 51298-51317.	2.7	15
10	3D printing of graphene-based composites and their applications in medicine and health care. , 2022, , 463-485.		3
11	Functionalization of graphene composites using ionic liquids and applications. , 2022, , 445-461.		1
12	Sustainability and Circular Economy of Food Wastes: Waste Reduction Strategies, Higher Recycling Methods, and Improved Valorization. <i>Materials Circular Economy</i> , 2021, 3, 1.	1.6	35
13	Efficient Photocatalytic Degradation of Gaseous Benzene and Toluene over Novel Hybrid PIL@TiO ₂ /m-GO Composites. <i>Catalysts</i> , 2021, 11, 126.	1.6	11
14	Covalently functionalized graphene oxide with cobalt–nitrogen-enriched complex containing iodide ligand as charge carrier nanofiller for eco-friendly high performance ionic liquid-based dye-sensitized solar cell. <i>Journal of Molecular Liquids</i> , 2021, 325, 115198.	2.3	12
15	Challenges, Strategies, and Recommendations for the Huge Surge in Plastic and Medical Waste during the Global COVID-19 Pandemic with Circular Economy Approach. <i>Materials Circular Economy</i> , 2021, 3, 1.	1.6	40
16	Significance of nanostructure morphologies in photoelectrochemical water splitting cells: A brief review. <i>Journal of Molecular Structure</i> , 2021, 1230, 129856.	1.8	12
17	High value add bio-based low-carbon materials: Conversion processes and circular economy. <i>Journal of Cleaner Production</i> , 2021, 293, 126101.	4.6	33
18	Review on innovative sustainable nanomaterials to enhance the performance of supercapacitors. <i>Journal of Energy Storage</i> , 2021, 37, 102474.	3.9	42

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19	Separation of nickel and zinc from aqueous solution using triethylenetetramine. <i>Hydrometallurgy</i> , 2021, 202, 105609.	1.8	13
20	Performance of all ionic liquids as the eco-friendly and sustainable compounds in inhibiting corrosion in various media: A comprehensive review. <i>Microchemical Journal</i> , 2021, 165, 106049.	2.3	48
21	Mechanistic aspects of poly(ethylene terephthalate) recycling toward enabling high quality sustainability decisions in waste management. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43074-43101.	2.7	21
22	A symmetric ZnO-ZIF8//Mo-ZIF8 supercapacitor and comparing with electrochemical of Pt, Au, and Cu decorated ZIF-8 electrodes. <i>Journal of Molecular Liquids</i> , 2021, 333, 116007.	2.3	27
23	Pseudocapacitive performance of surface functionalized halloysite nanotubes decorated green additive ionic liquid modified with ATP and POAP for efficient symmetric supercapacitors. <i>Journal of Molecular Liquids</i> , 2021, 342, 116962.	2.3	9
24	Functionalization of graphene oxide via chromium complexes coordinated on 5-aminopyridine-2-carboxylic acid as a symmetric supercapacitor electrode materials in energy storage devices. <i>Composites Science and Technology</i> , 2021, 211, 108844.	3.8	18
25	Fabrication of Bio-Nanocomposite Based on HNT-Methionine for Controlled Release of Phenytoin. <i>Polymers</i> , 2021, 13, 2576.	2.0	5
26	Direct and indirect effects of SARS-CoV-2 on wastewater treatment. <i>Journal of Water Process Engineering</i> , 2021, 42, 102193.	2.6	44
27	Environmental impact of increased soap consumption during COVID-19 pandemic: Biodegradable soap production and sustainable packaging. <i>Science of the Total Environment</i> , 2021, 796, 149013.	3.9	50
28	Recent Studies on Recycled PET Fibers: Production and Applications: a Review. <i>Materials Circular Economy</i> , 2021, 3, 1.	1.6	49
29	A review of emerging PFAS contaminants: sources, fate, health risks, and a comprehensive assortment of recent sorbents for PFAS treatment by evaluating their mechanism. <i>Research on Chemical Intermediates</i> , 2021, 47, 4879-4914.	1.3	27
30	Comprehensive study on poly ortho-aminophenol composite electrodes and their utilization for supercapacitor applications and green energy storage: A review. <i>Journal of Energy Storage</i> , 2021, 44, 103365.	3.9	15
31	Addressing the Challenge of Microfiber Plastics as the Marine Pollution Crisis Using Circular Economy Methods: a Review. <i>Materials Circular Economy</i> , 2021, 3, 1.	1.6	3
32	A hybrid neural network/genetic algorithm to predict Zn(II) removal by ion flotation. <i>Separation Science and Technology</i> , 2020, 55, 1197-1206.	1.3	23
33	Synthesis and electrochemical capacitor characterization of new copolyimides containing thiazole ring and their composites with conductive polymer. <i>Research on Chemical Intermediates</i> , 2020, 46, 871-890.	1.3	7
34	Key factors affecting graphene oxide transport in saturated porous media. <i>Science of the Total Environment</i> , 2020, 698, 134224.	3.9	32
35	Imidazolium-derived polymeric ionic liquid as a green inhibitor for corrosion inhibition of mild steel in 1.0 M HCl: Experimental and computational study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124195.	2.3	100
36	Synthesis of reduced graphene oxide functionalized with methyl red dye and its role in enhancing photoactivity in TiO ₂ /WO ₃ composite for toluene degradation. <i>Research on Chemical Intermediates</i> , 2020, 46, 1217-1234.	1.3	9

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37	Highly-efficient microwave absorptivity in reduced graphene oxide modified with PTA@ imidazolium based dicationic ionic liquid and fluorine atom. <i>Composites Science and Technology</i> , 2020, 188, 107960.	3.8	19
38	Functionalized graphene oxide GO-[imi-(CH ₂) ₂ -NH ₂] as a high efficient material for electrochemical sensing of lead: Synthesis surface and electrochemical characterization. <i>Journal of Electroanalytical Chemistry</i> , 2020, 858, 113784.	1.9	23
39	Preparation and electromagnetic wave absorption properties of polymer nanocomposites based on new functionalized graphene oxide iron pentacarbonyl and ionic liquid. <i>Research on Chemical Intermediates</i> , 2020, 46, 1329-1351.	1.3	3
40	Amino-functionalized MIL-101(Cr) photodegradation enhancement by sulfur-enriched copper sulfide nanoparticles: An experimental and DFT study. <i>Journal of Molecular Liquids</i> , 2020, 319, 114341.	2.3	22
41	Synthesis and characterization of a novel nanocollector for the removal of nickel ions from synthetic wastewater using ion flotation. <i>Separation and Purification Technology</i> , 2020, 240, 116639.	3.9	32
42	Electrochemical performance of Silsesquioxane-GO loaded with alkoxy substituted ammonium-based ionic liquid and POAP for supercapacitor. <i>Electrochimica Acta</i> , 2020, 354, 136663.	2.6	19
43	A review on the field patents and recent developments over the application of metal organic frameworks (MOFs) in supercapacitors. <i>Coordination Chemistry Reviews</i> , 2020, 422, 213441.	9.5	121
44	Recent Studies on Ionic Liquids in Metal Recovery from E-Waste and Secondary Sources by Liquid-Liquid Extraction and Electrodeposition: a Review. <i>Materials Circular Economy</i> , 2020, 2, 1.	1.6	30
45	An innovative and eco-friendly modality for synthesis of highly fluorinated graphene by an acidic ionic liquid: Making of an efficacious vehicle for anti-cancer drug delivery. <i>Applied Surface Science</i> , 2020, 515, 146071.	3.1	35
46	Specifying the Effects of Functionalization of Highly Reduced Graphene Oxide by an Ionic Liquid on Supercapacitive Features. <i>Journal of Electronic Materials</i> , 2020, 49, 3920-3927.	1.0	1
47	Pseudocapacitive efficiency of covalently Cr-complex with L-histidine-methyl ester as a ligand graphene oxide blended with conducting polymer (POAP) as electrode material in supercapacitor. <i>Journal of Molecular Liquids</i> , 2020, 315, 113697.	2.3	18
48	Enhancement of β -Phase Crystalline Structure and Piezoelectric Properties of Flexible PVDF/Ionic Liquid Surfactant Composite Nanofibers for Potential Application in Sensing and Self-Powering. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900796.	1.7	41
49	Functionalization of partially reduced graphene oxide by metal complex as electrode material in supercapacitor. <i>Research on Chemical Intermediates</i> , 2020, 46, 2595-2612.	1.3	7
50	Ionic liquid-assisted sol-gel synthesis of Fe ₂ O ₃ -TiO ₂ for enhanced photocatalytic degradation of bisphenol a under UV illumination: Modeling and optimization using response surface methodology. <i>Optik</i> , 2020, 204, 164229.	1.4	14
51	Catalytic synthesis of thiazolidines by the reaction of Nef-isocyanide reaction. <i>Research on Chemical Intermediates</i> , 2020, 46, 3593-3605.	1.3	3
52	The effects of substituent type and position on the aromaticity of certain derivatives of imidazole and benzimidazole. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
53	Optimization and separation mechanism of Ni(II) removal from synthetic wastewater using response surface method. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 4915-4924.	1.8	6
54	Sericin grafted multifunctional curcumin loaded fluorinated graphene oxide nanomedicines with charge switching properties for effective cancer cell targeting. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118791.	2.6	28

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55	Synthesis of novel functionalized graphene oxide with incorporation pyrimidine group including cobalt-iodine bonds their nanocomposites with p-type conductive polymer as excellent pseudocapacitor electrode materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18439-18451.	1.1	9
56	Effect of hydrodynamic parameters on nickel removal rate from wastewater by ion flotation. <i>Journal of Environmental Management</i> , 2019, 244, 408-414.	3.8	38
57	Preparation of TiO ₂ @W-VO ₂ thermochromic thin film for the application of energy efficient smart windows and energy modeling studies of the produced glass. <i>Construction and Building Materials</i> , 2019, 218, 477-482.	3.2	28
58	Preparation of porous biomass-derived hydrothermal carbon modified with terminal amino hyperbranched polymer for prominent Cr(VI) removal from water. <i>Bioresource Technology</i> , 2019, 288, 121545.	4.8	65
59	Study of silanized-TiO ₂ nanoparticles modification by ionic liquid for white electronic ink applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 11307-11316.	1.1	3
60	Effect of imidazolium-based ionic liquid as electrolyte additive on electrochemical performance of 18650 cylindrical Li-ion batteries at room and 60°C temperatures. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2123-2134.	1.2	16
61	RGO-Fe ₂ O ₃ /FeOOH ternary heterostructure with urchin-like morphology for efficient oxygen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , 2019, 843, 1-11.	1.9	32
62	Aramid fibers composites to innovative sustainable materials for biomedical applications. , 2019, , 173-204.		6
63	Overview of electronic ink and methods of production for use in electronic displays. <i>Optics and Laser Technology</i> , 2019, 117, 38-51.	2.2	22
64	Synthesis of different new copolyimides and influence of different molar ratios of diamines and dianhydride on pseudocapacitance performance of p-type conductive polymer. <i>Journal of Electroanalytical Chemistry</i> , 2019, 837, 123-136.	1.9	11
65	Electrochemical Study of Li-Ion 18650 Cylindrical Rechargeable Cell at Elevated Temperature Using Geminal Dicationic Ionic Liquid as Electrolyte Additive. <i>Journal of Electronic Materials</i> , 2019, 48, 2254-2262.	1.0	7
66	Flower-like 3-dimensional hierarchical Co ₃ O ₄ /NiO microspheres for 4-nitrophenol reduction reaction. <i>Nanoscale Advances</i> , 2019, 1, 305-313.	2.2	22
67	Effect of impeller speed on the Ni(II) ion flotation. <i>Geosystem Engineering</i> , 2019, 22, 161-168.	0.7	15
68	Electrochemical and theoretical study on enhanced pseudocapacitance performance of poly orthoaminophenol film in the presence of different derivatives of phenylglycine. <i>Solid State Ionics</i> , 2019, 329, 52-60.	1.3	10
69	A new kinetic model for Ni(II) ion flotation based on gene expression programming. <i>Separation Science and Technology</i> , 2019, 54, 2528-2535.	1.3	4
70	Fabrication, characterization and electromagnetic wave absorption properties of covalently modified reduced graphene oxide based on dinuclear cobalt complex. <i>Composites Part B: Engineering</i> , 2019, 162, 569-579.	5.9	32
71	Ionic Liquids as Environmentally Benign Electrolytes for High-Performance Supercapacitors. <i>Global Challenges</i> , 2019, 3, 1800023.	1.8	50
72	Geminal dicationic ionic liquid functionalized graphene nanoribbon/POAP composite film: synthesis, characterization and electrochemical pseudocapacitance performance. <i>Ionics</i> , 2018, 24, 2083-2092.	1.2	23

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73	A novel surface modification of copper (II) phthalocyanine with ionic liquids as electronic ink. Dyes and Pigments, 2018, 154, 296-302.	2.0	24
74	Kinetic study of Ni(II) removal using ion flotation: Effect of chemical interactions. Minerals Engineering, 2018, 119, 212-221.	1.8	56
75	Synthesis of MIL-100(Fe)@MIL-53(Fe) as a novel hybrid photocatalyst and evaluation photocatalytic and photoelectrochemical performance under visible light irradiation. Journal of Solid State Chemistry, 2018, 262, 172-180.	1.4	71
76	Enhancement of pseudocapacitance performance of p-type conductive polymer in the presence of newly synthesized graphene oxide-hexamethylene tributylammonium iodide nanosheets. Journal of Colloid and Interface Science, 2018, 512, 346-352.	5.0	39
77	Enhanced pseudocapacitance performance of conductive polymer electroactive film in the presence of green compound of 1-Butyl-3-methylimidazolium Chloride: Electrochemical and DFT study. Journal of Colloid and Interface Science, 2018, 512, 151-157.	5.0	25
78	Green synthesis of degradable conductive thermosensitive oligopyrrole/chitosan hydrogel intended for cartilage tissue engineering. International Journal of Biological Macromolecules, 2018, 107, 1567-1575.	3.6	53
79	P-type conductive polymer/zeolitic imidazolate framework-67 (ZIF-67) nanocomposite film: Synthesis, characterization, and electrochemical performance as efficient electrode materials in pseudocapacitors. Journal of Colloid and Interface Science, 2018, 509, 189-194.	5.0	68
80	The main factors effecting the efficiency of Zn(II) flotation: Optimum conditions and separation mechanism. Journal of Environmental Management, 2018, 207, 169-179.	3.8	15
81	New synthesized ionic liquid functionalized graphene oxide: Synthesis, characterization and its nanocomposite with conjugated polymer as effective electrode materials in an energy storage device. Electrochimica Acta, 2018, 292, 789-804.	2.6	70
82	Colorimetric sensing of dopamine using hexagonal silver nanoparticles decorated by task-specific pyridinium based ionic liquid. Sensors and Actuators B: Chemical, 2018, 271, 64-72.	4.0	42
83	Ternary nanocomposites of conductive polymer/functionalized GO/MOFs: Synthesis, characterization and electrochemical performance as effective electrode materials in pseudocapacitors. Journal of Solid State Chemistry, 2018, 265, 155-166.	1.4	84
84	Effect of separation mechanism on the kinetics of Zn(II) flotation. Separation Science and Technology, 2018, 53, 2833-2839.	1.3	6
85	Melamine-functionalized graphene oxide: Synthesis, characterization and considering as pseudocapacitor electrode material with intermixed POAP polymer. Applied Surface Science, 2018, 459, 874-883.	3.1	50
86	Application of ionic liquids as charge control agents of pigments and preparation of microcapsules as electronic inks through electrospraying. Optical Materials, 2018, 84, 73-81.	1.7	7
87	Mil-100(Fe) nanoparticles supported on urchin like Bi ₂ S ₃ structure for improving photocatalytic degradation of rhodamine-B dye under visible light irradiation. Journal of Solid State Chemistry, 2018, 266, 54-62.	1.4	53
88	New functionalized graphene oxide based on a cobalt complex for black electrophoretic ink applications. Journal of Materials Chemistry C, 2018, 6, 8726-8732.	2.7	16
89	Screening the effect of graphene oxide nanosheets functionalization with ionic liquid on the mechanical properties of an epoxy coating. Progress in Organic Coatings, 2018, 122, 255-262.	1.9	28
90	TiO ₂ /in-situ reduced GO/functionalized with an IL-Cr complex as a ternary photocatalyst composite for efficient carbon monoxide deterioration from air. Applied Catalysis B: Environmental, 2017, 206, 184-193.	10.8	32

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91	Highly efficient and simple protocol for synthesis of 2,4,5-triarylimidazole derivatives from benzil using fluorinated graphene oxide as effective and reusable catalyst. <i>Research on Chemical Intermediates</i> , 2017, 43, 4023-4041.	1.3	27
92	A heteroelectrode structure for solar water splitting: integrated cobalt ditelluride across a TiO ₂ -passivated silicon microwire array. <i>Catalysis Science and Technology</i> , 2017, 7, 1488-1496.	2.1	24
93	Sulfonated graphene oxide and its nanocomposites with electroactive conjugated polymer as effective pseudocapacitor electrode materials. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 258-265.	5.0	38
94	Enhanced pseudocapacitive performance of electroactive p-type conductive polymer in the presence of 1-octadecyl-3-methylimidazolium bromide. <i>Journal of Colloid and Interface Science</i> , 2017, 503, 10-16.	5.0	29
95	Chitosan-functionalized nano-titanium dioxide: a novel and highly efficient nanocatalyst for the synthesis of 2,4,5-trisubstituted imidazoles under solvent-free conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 120, 605-617.	0.8	9
96	Electrosynthesis, physioelectrochemical and theoretical investigation of poly ortho aminophenol/magnetic functional graphene oxide nanocomposites as novel and hybrid electrodes for highly capacitive pseudocapacitors. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 695-702.	5.0	38
97	High efficiency dye-sensitized solar cells with tetra alkyl ammonium cation-based ionic liquid functionalized graphene oxide as a novel additive in nanocomposite electrolyte. <i>Carbon</i> , 2017, 118, 384-392.	5.4	44
98	Influence of ionic liquid on pseudocapacitance performance of electrochemically synthesized conductive polymer: Electrochemical and theoretical investigation. <i>Journal of Colloid and Interface Science</i> , 2017, 500, 315-320.	5.0	34
99	The catalytic effect of anion-exchanged supported ionic liquid on aza-Michael-type addition. <i>Research on Chemical Intermediates</i> , 2017, 43, 3691-3709.	1.3	7
100	In-situ functionalization of mesoporous hexagonal ZnO synthesized in task specific ionic liquid as a photocatalyst for elimination of SO ₂ , NO _x , and CO. <i>Journal of Solid State Chemistry</i> , 2017, 256, 141-150.	1.4	25
101	A review on inkjet printing of CNT composites for smart applications. <i>Applied Materials Today</i> , 2017, 9, 372-386.	2.3	146
102	Carbon-Based Nanocomposites for Visible Light-Induced Photocatalysis. <i>Springer Series on Polymer and Composite Materials</i> , 2017, , 203-249.	0.5	12
103	The nickel ion removal prediction model from aqueous solutions using a hybrid neural genetic algorithm. <i>Journal of Environmental Management</i> , 2017, 204, 311-317.	3.8	22
104	Influence of newly synthesized geminal dicationic ionic liquid on electrochemical and pseudocapacitance performance of conductive polymer electroactive film. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 1158-1164.	5.0	37
105	Electrosynthesis and pseudocapacitance performance of ionic liquid Cr(1-6-C6H5) complex functionalized reduced graphene oxide/poly ortho aminophenol nanocomposite film. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 507-513.	5.0	29
106	High performance electrochemical pseudocapacitors from ionic liquid assisted electrochemically synthesized p-type conductive polymer. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 91-96.	5.0	60
107	Efficient preparation of acidic ionic liquid-functionalized reduced graphene oxide and its catalytic performance in synthesis of benzimidazole derivatives. <i>Research on Chemical Intermediates</i> , 2017, 43, 1751-1766.	1.3	25
108	Convenient N-Alkylation of amines using an effective magnetically separable supported ionic liquid containing an anionic polyoxometalate. <i>Research on Chemical Intermediates</i> , 2017, 43, 1957-1968.	1.3	7

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109	Investigation performance of rod-like ZnO/CdO composites, synthesized in ionic liquid medium as photocatalytic for degradation of air pollutants (SO ₂ and NO _X). <i>Optik</i> , 2016, 127, 11567-11576.	1.4	23
110	Synthesis of Mesoporous Pd-Doped TiO ₂ Templated by a Magnetic Recyclable Ionic Liquid for Efficient Photocatalytic Air Treatment. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 10533-10543.	1.8	41
111	Ag-doped nano magnetic Fe ₃ O ₄ @DA core-shell hollow spheres: an efficient and recoverable heterogeneous catalyst for A ³ and KA ² coupling reactions and [3 + 2] cycloaddition. <i>RSC Advances</i> , 2016, 6, 96623-96634.	1.7	46
112	The synergistic effect of copper chromite spinel nanoparticles (CuCr ₂ O ₄) and basic ionic liquid on the synthesis of cyclopropanecarboxylic acids. <i>Research on Chemical Intermediates</i> , 2016, 42, 7963-7975.	1.3	9
113	Evaluation of cupferron on the selective separation of gallium from aluminum by flotation: The separation mechanism. <i>Minerals Engineering</i> , 2016, 98, 194-203.	1.8	10
114	In situ synthesis, electrochemical and quantum chemical analysis of an amino acid-derived ionic liquid inhibitor for corrosion protection of mild steel in 1M HCl solution. <i>Corrosion Science</i> , 2016, 112, 73-85.	3.0	218
115	Nanocomposite of p-type conductive polymer/functionalized graphene oxide nanosheets as novel and hybrid electrodes for highly capacitive pseudocapacitors. <i>Journal of Colloid and Interface Science</i> , 2016, 478, 181-187.	5.0	63
116	Selective separation of gallium from zinc using flotation: Effect of solution pH value and the separation mechanism. <i>Minerals Engineering</i> , 2016, 86, 104-113.	1.8	29
117	Synthesis of reduced and functional graphene oxide with magnetic ionic liquid and its application as an electromagnetic-absorbing coating. <i>Composites Science and Technology</i> , 2016, 126, 106-114.	3.8	56
118	Aza-Michael-type addition reaction catalysed by a supported ionic liquid phase incorporating an anionic heteropoly acid. <i>Tetrahedron Letters</i> , 2016, 57, 1150-1153.	0.7	31
119	Corrosion behavior of mild steel in H ₂ SO ₄ solution with 1,4-di [1-methylene-3-methyl imidazolium bromide]-benzene as an ionic liquid. <i>Corrosion Science</i> , 2016, 107, 96-106.	3.0	119
120	Preparation and physicochemical performance study of proton exchange membranes based on phenyl sulfonated graphene oxide nanosheets decorated with iron titanate nanoparticles. <i>Polymer</i> , 2016, 87, 26-37.	1.8	36
121	Catalytic activity of magnetic Fe ₃ O ₄ @Diatomite earth and acetic acid for the N-acylation of sulfonamides. <i>Tetrahedron Letters</i> , 2016, 57, 387-391.	0.7	10
122	Investigation of enhanced Fenton process (EFP) in color and COD removal of wastewater containing Acid Red 18 by response surface methodology: evaluation of EFP as post treatment. <i>Desalination and Water Treatment</i> , 2016, 57, 14083-14092.	1.0	9
123	Novel nanocomposite membranes based on blended sulfonated poly(ether ether ketone)/poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overbo applications. <i>RSC Advances</i> , 2015, 5, 74054-74064.	1.7	83
124	Synthesis of an Organic-Inorganic Alq ₃ -Based Hybrid Material by Sol-Gel Method. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 680-686.	1.9	4
125	Electrochemical and Morphological Study of Steel in 1M HCl in the Presence of Task Specific Liquid. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 3433-3443.	1.2	6
126	Comparison of three combined sequencing batch reactor followed by enhanced Fenton process for an azo dye degradation: Bio-decolorization kinetics study. <i>Journal of Hazardous Materials</i> , 2015, 299, 343-350.	6.5	28

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127	Innovative combined technique for high concentration of azo dye AR18 wastewater treatment using modified SBR and enhanced Fenton process as post treatment. <i>Chemical Engineering Research and Design</i> , 2015, 95, 255-264.	2.7	34
128	Poly(amide-imide) bearing imidazole groups/sulfonated polyimide blends for low humidity and medium temperature proton exchange membranes. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	10
129	Novel TiO ₂ /graphene oxide functionalized with a cobalt complex for significant degradation of NO _x and CO. <i>RSC Advances</i> , 2015, 5, 93706-93716.	1.7	36
130	Phosphoric acid-doped ionic liquid-functionalized graphene oxide/sulfonated polyimide composites as proton exchange membrane. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 13964-13978.	3.8	95
131	Synthesis of rose-like ZnO hierarchical nanostructures in the presence of ionic liquid/Mg ²⁺ for air purification and their shape-dependent photodegradation of SO ₂ , NO _x , and CO. <i>Applied Catalysis A: General</i> , 2014, 475, 325-334.	2.2	25
132	Narcis-like zinc oxide: Chiral ionic liquid assisted synthesis, photoluminescence and photocatalytic activity. <i>Materials Science in Semiconductor Processing</i> , 2014, 22, 1-6.	1.9	12
133	Task-specific ionic liquid as a new green inhibitor of mild steel corrosion. <i>Applied Surface Science</i> , 2014, 289, 478-486.	3.1	196
134	Supramolecular Polymer Based on Poly (Ethylene-co-Vinyl Alcohol)-g-Ureidopyrimidinone: Self-Assembly and Thermo-Reversibility. <i>Journal of Macromolecular Science - Physics</i> , 2014, 53, 848-860.	0.4	12
135	Synthesis and Characterization of Poly(vinyl alcohol)/Sulfonated Graphene Oxide Nanocomposite Membranes for Use in Proton Exchange Membrane Fuel Cells (PEMFCs). <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 16621-16632.	1.8	149
136	Contribution of chromophores with different numbers of repeat units to overall emission of MEHâ€‘PPV: An experimental and simulation study. <i>Polymer</i> , 2013, 54, 4017-4029.	1.8	11
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