Nawshad Muhammad

List of Publications by Year
in descending order

		57758	95266
146	5,980	44	68
papers	citations	h-index	g-index

147	147	147	6965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	FTIR analysis of natural and synthetic collagen. Applied Spectroscopy Reviews, 2018, 53, 703-746.	6.7	314
2	Keratin - Based materials for biomedical applications. Bioactive Materials, 2020, 5, 496-509.	15.6	187
3	Preparation of Cellulose Nanocrystals Using an Ionic Liquid. Journal of Polymers and the Environment, 2011, 19, 726-731.	5.0	180
4	Greener synthesis of zinc oxide nanoparticles using Trianthema portulacastrum extract and evaluation of its photocatalytic and biological applications. Journal of Photochemistry and Photobiology B: Biology, 2019, 192, 147-157.	3.8	133
5	Celluloseâ€based Materials for the Removal of Heavy Metals from Wastewater â€“ An Overview. ChemBioEng Reviews, 2017, 4, 240-256.	4.4	125
6	Efficient conversion of lignocellulosic biomass to levulinic acid using acidic ionic liquids. Carbohydrate Polymers, 2018, 181, 208-214.	10.2	119
7	Synthesis and Physical Properties of Choline Carboxylate Ionic Liquids. Journal of Chemical & Engineering Data, 2012, 57, 2191-2196.	1.9	111
8	Synergistic effects of activated carbon and nano-zerovalent copper on the performance of hydroxyapatite-alginate beads for the removal of As3+ from aqueous solution. Journal of Cleaner Production, 2019, 235, 875-886.	9.3	108
9	Synthesis and Thermophysical Properties of Low Viscosity Amino Acid-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2011, 56, 3157-3162.	1.9	100
10	Separation of CO2 from CH4 using polysulfone/polyimide silica nanocomposite membranes. Separation and Purification Technology, 2012, 90, 162-172.	7.9	100
11	Acidic ionic liquids: Promising and cost-effective solvents for processing of lignocellulosic biomass. Journal of Molecular Liquids, 2019, 287, 110943.	4.9	100
12	An overview of the role of ionic liquids in biodiesel reactions. Journal of Industrial and Engineering Chemistry, 2015, 21, 1-10.	5.8	98
13	Biomedical applications of green synthesized Nobel metal nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 150-164.	3.8	98
14	A review on ionic liquids as perspective catalysts in transesterification of different feedstock oil into biodiesel. Journal of Molecular Liquids, 2018, 266, 673-686.	4.9	90
15	Extraction of biocompatible hydroxyapatite from fish scales using novel approach of ionic liquid pretreatment. Separation and Purification Technology, 2016, 161, 129-135.	7.9	87
16	Development of new organic-inorganic, hybrid bionanocomposite from cellulose and clay for enhanced removal of Drimarine Yellow HF-3GL dye. International Journal of Biological Macromolecules, 2020, 149, 1059-1071.	7.5	84
17	Vibrational spectroscopy of selective dental restorative materials. Applied Spectroscopy Reviews, 2017, 52, 507-540.	6.7	83
18	Dicationic ionic liquids as sustainable approach for direct conversion of cellulose to levulinic acid. Journal of Cleaner Production, 2018, 170, 591-600.	9.3	82

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19	Recent progress in the utilization of biosynthesized polyhydroxyalkanoates for biomedical applications â€“ Review. International Journal of Biological Macromolecules, 2018, 120, 1294-1305.	7.5	82
20	Dissolution and Delignification of Bamboo Biomass Using Amino Acid-Based Ionic Liquid. Applied Biochemistry and Biotechnology, 2011, 165, 998-1009.	2.9	81
21	Photo catalytic applications of gold nanoparticles synthesized by green route and electrochemical degradation of phenolic Azo dyes using AuNPs/GC as modified paste electrode. Journal of Alloys and Compounds, 2017, 725, 869-876.	5.5	80
22	The pyrolysis kinetics of the conversion of Malaysian kaolin to metakaolin. Applied Clay Science, 2017, 146, 152-161.	5.2	78
23	Preparation and kinetics study of biodiesel production from waste cooking oil using new functionalized ionic liquids as catalysts. Renewable Energy, 2017, 114, 755-765.	8.9	78
24	Kinetics and thermodynamic parameters of ionic liquid pretreated rubber wood biomass. Journal of Molecular Liquids, 2016, 223, 754-762.	4.9	73
25	Ionic liquidâ€”a future solvent for the enhanced uses of wood biomass. European Journal of Wood and Wood Products, 2012, 70, 125-133.	2.9	72
26	Membranes for CO₂ /CH₄ and CO₂/N₂ Gas Separation. Chemical Engineering and Technology, 2020, 43, 184-199.	1.5	71
27	Enzymatic browning reduction in white cabbage, potent antibacterial and antioxidant activities of biogenic silver nanoparticles. Journal of Molecular Liquids, 2016, 215, 39-46.	4.9	69
28	Enhanced photocatalytic and electrocatalytic applications of green synthesized silver nanoparticles. Journal of Molecular Liquids, 2016, 220, 248-257.	4.9	68
29	CO2 capturing, thermo-kinetic principles, synthesis and amine functionalization of covalent organic polymers for CO2 separation from natural gas: A review. Journal of Natural Gas Science and Engineering, 2020, 77, 103203.	4.4	68
30	Dicationic imidazolium based ionic liquids: Synthesis and properties. Journal of Molecular Liquids, 2017, 227, 98-105.	4.9	67
31	Lignin and Lignin Based Materials for the Removal of Heavy Metals from Waste Water-An Overview. Zeitschrift Fur Physikalische Chemie, 2019, 233, 315-345.	2.8	67
32	Deep eutectic solvent-mediated synthesis of ceria nanoparticles with the enhanced yield for photocatalytic degradation of flumequine under UV-C. Journal of Water Process Engineering, 2020, 33, 101012.	5.6	67
33	Supported protic ionic liquid membrane based on 3-(trimethoxysilyl)propan-1-aminium acetate for the highly selective separation of CO2. Journal of Membrane Science, 2017, 543, 301-309.	8.2	65
34	A new approach of probe sonication assisted ionic liquid conversion of glucose, cellulose and biomass into 5-hydroxymethylfurfural. Ultrasonics Sonochemistry, 2017, 37, 310-319.	8.2	64
35	Investigations of novel nitrile-based ionic liquids as pre-treatment solvent for extraction of lignin from bamboo biomass. Journal of Industrial and Engineering Chemistry, 2013, 19, 207-214.	5.8	62
36	Effect of Ionic Liquid Treatment on Pyrolysis Products from Bamboo. Industrial & Engineering Chemistry Research, 2012, 51, 2280-2289.	3.7	60

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37	Impact of Ball-Milling Pretreatment on Pyrolysis Behavior and Kinetics of Crystalline Cellulose. Waste and Biomass Valorization, 2016, 7, 571-581.	3.4	58
38	A BrÃ¸nsted ammonium ionic liquid-KOH two-stage catalyst for biodiesel synthesis from crude palm oil. Industrial Crops and Products, 2013, 41, 144-149.	5.2	57
39	Investigation of ionic liquids as a pretreatment solvent for extraction of collagen biopolymer from waste fish scales using COSMO-RS and experiment. Journal of Molecular Liquids, 2017, 232, 258-264.	4.9	54
40	Toxicities, kinetics and degradation pathways investigation of ciprofloxacin degradation using iron-mediated H2O2 based advanced oxidation processes. Chemical Engineering Research and Design, 2018, 117, 473-482.	5.6	51
41	Prosthodontics dental materials: From conventional to unconventional. Materials Science and Engineering C, 2020, 106, 110167.	7.3	51
42	Activated carbon-alginate beads impregnated with surfactant as sustainable adsorbent for efficient removal of methylene blue. International Journal of Biological Macromolecules, 2021, 176, 233-243.	7.5	51
43	Biomedical and photocatalytic applications of biosynthesized silver nanoparticles: Ecotoxicology study of brilliant green dye and its mechanistic degradation pathways. Journal of Molecular Liquids, 2020, 319, 114114.	4.9	49
44	Nano-zerovalent copper as a Fenton-like catalyst for the degradation of ciprofloxacin in aqueous solution. Journal of Water Process Engineering, 2020, 37, 101325.	5.6	48
45	Effect of varying solvents compositions on morphology and gas permeation properties on membranes blends for CO2 separation from natural gas. Journal of Membrane Science, 2011, 378, 444-452.	8.2	47
46	Synthesis, characterization and the effect of temperature on different physicochemical properties of protic ionic liquids. RSC Advances, 2015, 5, 71449-71461.	3.6	47
47	Extraction of valuable chemicals from sustainable rice husk waste using ultrasonic assisted ionic liquids technology. Journal of Cleaner Production, 2019, 220, 620-629.	9.3	47
48	Evaluation of Thermophysical Properties of Functionalized Imidazolium Thiocyanate Based Ionic Liquids. Industrial & Engineering Chemistry Research, 2015, 54, 12428-12437.	3.7	45
49	Facile CO₂ Separation in Composite Membranes. Chemical Engineering and Technology, 2019, 42, 30-44.	1.5	45
50	A review on CO2 capture via nitrogen-doped porous polymers and catalytic conversion as a feedstock for fuels. Journal of Cleaner Production, 2020, 277, 123999.	9.3	45
51	Preparation of asymmetric polysulfone/polyimide blended membranes for CO2 separation. Korean Journal of Chemical Engineering, 2011, 28, 2050-2056.	2.7	44
52	Enhanced antimicrobial, anti-oxidant applications of green synthesized AgNPs- an acute chronic toxicity study of phenolic azo dyes & study of materials surface using X-ray photoelectron spectroscopy. Journal of Photochemistry and Photobiology B: Biology, 2018, 180, 208-217.	3.8	44
53	Dissolution and Separation of Wood Biopolymers Using Ionic Liquids. ChemBioEng Reviews, 2015, 2, 257-278.	4.4	43
54	An application of ionic liquid for preparation of homogeneous collagen and alginate hydrogels for skin dressing. Journal of Molecular Liquids, 2017, 243, 720-725.	4.9	43

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55	Organo-bridged silsesquioxane incorporated mesoporous silica as a carrier for the controlled delivery of ibuprofen and fluorouracil. Journal of Molecular Liquids, 2018, 258, 319-326.	4.9	42
56	Thermophysical Properties of Dual Functionalized Imidazolium-Based Ionic Liquids. Journal of Chemical & Engineering Data, 2012, 57, 737-743.	1.9	40
57	Synthesis and Thermophysical Properties of Hydrogensulfate Based Acidic Ionic Liquids. Journal of Solution Chemistry, 2015, 44, 875-889.	1.2	40
58	Phytosynthesis of cerium oxide nanoparticles and investigation of their photocatalytic potential for degradation of phenol under visible light. Journal of Molecular Structure, 2020, 1217, 128292.	3.6	40
59	Synergistic effects of bismuth coupling on the reactivity and reusability of zerovalent iron nanoparticles for the removal of cadmium from aqueous solution. Science of the Total Environment, 2019, 669, 333-341.	8.0	39
60	Fabrication of ionic liquid stabilized MXene interface for electrochemical dopamine detection. Mikrochimica Acta, 2022, 189, 64.	5.0	38
61	Colorimetric based sensing of dopamine using ionic liquid functionalized drug mediated silver nanostructures. Microchemical Journal, 2020, 159, 105382.	4.5	34
62	Synthesis, characterization and physicochemical properties of dual-functional acidic ionic liquids. Journal of Molecular Liquids, 2016, 223, 81-88.	4.9	32
63	Probe sonication assisted ionic liquid treatment for rapid dissolution of lignocellulosic biomass. Cellulose, 2020, 27, 2135-2148.	4.9	32
64	Water quality assessment of lower Jhelum canal in Pakistan by using geographic information system (GIS). Groundwater for Sustainable Development, 2020, 10, 100357.	4.6	32
65	Dental materials for cleft palate repair. Materials Science and Engineering C, 2016, 61, 1018-1028.	7.3	31
66	Biomimetic nitrogen doped titania nanoparticles as a colorimetric platform for hydrogen peroxide detection. Journal of Colloid and Interface Science, 2017, 505, 1147-1157.	9.4	31
67	Optimization of ionic liquid assisted sugar conversion and nanofiltration membrane separation for 5-hydroxymethylfurfural. Journal of Industrial and Engineering Chemistry, 2019, 69, 171-178.	5.8	31
68	COSMO-RS predictions, hydrogen bond basicity values and experimental evaluation of amino acid-based ionic liquids for lignocellulosic biomass dissolution. Journal of Molecular Liquids, 2019, 273, 215-221.	4.9	30
69	Density and excess molar volume of binary mixture of thiocyanate-based ionic liquids and methanol at temperatures 293.15â€“323.15K. Journal of Molecular Liquids, 2015, 211, 734-741.	4.9	29
70	A non-enzymatic glucose sensor based on CuO-nanostructure modified carbon ceramic electrode. Journal of Molecular Liquids, 2017, 248, 425-431.	4.9	29
71	Pyridinium protic ionic liquids: Effective solvents for delignification of wheat straw. Journal of Molecular Liquids, 2021, 325, 115013.	4.9	29
72	Development of ethanolamineâ€based ionic liquid membranes for efficient CO₂/CH₄ separation. Journal of Applied Polymer Science, 2017, 134, 45395.	2.6	28

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73	Kinetics of thermal degradation of polysulfone/polyimide blended polymeric membranes. Journal of Applied Polymer Science, 2012, 123, 3755-3763.	2.6	27
74	Effect of ionic liquid on thermo-physical properties of bamboo biomass. Wood Science and Technology, 2015, 49, 897-913.	3.2	26
75	Biological behavior of bioactive glasses and their composites. RSC Advances, 2016, 6, 70197-70214.	3.6	26
76	Ionic liquids pretreatment for fabrication of agro-residue/thermoplastic starch based composites: A comparative study withÂother pretreatment technologies. Journal of Cleaner Production, 2017, 161, 257-266.	9.3	26
77	Ionic liquid as a potential solvent for preparation of collagen-alginate-hydroxyapatite beads as bone filler. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1168-1184.	3.5	26
78	Pyridinium based ionic liquid: A pretreatment solvent and reaction medium for catalytic conversion of cellulose to total reducing sugars (TRS). Journal of Molecular Liquids, 2018, 272, 330-336.	4.9	25
79	Nonenzymatic amperometric dopamine sensor based on a carbon ceramic electrode of type SiO2/C modified with Co3O4 nanoparticles. Mikrochimica Acta, 2019, 186, 471.	5.0	25
80	Fabrication of hexagonal boron nitride quantum dots via a facile bottom-up technique. Ceramics International, 2019, 45, 22765-22768.	4.8	24
81	Perylene based novel mixed matrix membranes with enhanced selective pure and mixed gases (CO2, CH4,) Tj ETQq1 1 0.784314 rgBT	4.4	24
82	Synthesis and Thermophysical Properties of Imidazolium-Based Bronsted Acidic Ionic Liquids. Journal of Chemical & Engineering Data, 2014, 59, 579-584.	1.9	23
83	Ionic liquids based fluorination of organic compounds using electrochemical method. Journal of Industrial and Engineering Chemistry, 2015, 31, 26-38.	5.8	23
84	Amine bridges grafted mesoporous silica, as a prolonged/controlled drug release system for the enhanced therapeutic effect of short life drugs. Materials Science and Engineering C, 2017, 72, 34-41.	7.3	23
85	Non-enzymatic colorimetric biosensor for hydrogen peroxide using lignin-based silver nanoparticles tuned with ionic liquid as a peroxidase mimic. Arabian Journal of Chemistry, 2021, 14, 103164.	4.9	23
86	Modelling in mixed matrix membranes for gas separation. Canadian Journal of Chemical Engineering, 2015, 93, 88-95.	1.7	22
87	One-Pot Deconstruction and Conversion of Lignocellulose Into Reducing Sugars by Pyridinium-Based Ionic Liquidâ€“Metal Salt System. Frontiers in Chemistry, 2020, 8, 236.	3.6	22
88	Effect of Structural Variations on the Thermophysical Properties of Protic Ionic Liquids: Insights from Experimental and Computational Studies. Journal of Chemical & Engineering Data, 2017, 62, 2993-3003.	1.9	21
89	Ionic liquid coated iron nanoparticles are promising peroxidase mimics for optical determination of H2O2. Mikrochimica Acta, 2018, 185, 302.	5.0	21
90	Influence of interfacial layer parameters on gas transport properties through modeling approach in MWCNTs based mixed matrix composite membranes. Chemical Engineering Science, 2020, 218, 115543.	3.8	21

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91	Liquid-Liquid extraction of aromatics and sulfur compounds from base oil using ionic liquids. Journal of Environmental Chemical Engineering, 2016, 4, 4786-4793.	6.7	20
92	Biosorption of nickel (II) and copper (II) ions from aqueous solution using novel biomass derived fromNannorrhops ritchiana(Mazri Palm). Desalination and Water Treatment, 2016, 57, 3964-3974.	1.0	20
93	Thermophysical properties and ecotoxicity of new nitrile functionalised protic ionic liquids. Journal of Molecular Liquids, 2018, 249, 583-590.	4.9	20
94	Ionic liquid as a moderator for improved sensing properties of TiO2 nanostructures for the detection of acetone biomarker in diabetes mellitus. Journal of Molecular Liquids, 2019, 294, 111681.	4.9	20
95	Sustainable mixed matrix membranes containing porphyrin and polysulfone polymer for acid gas separations. Journal of Hazardous Materials, 2021, 411, 125155.	12.4	20
96	Studies on the Thermal Degradation Behavior of Ionic Liquid Regenerated Cellulose. Waste and Biomass Valorization, 2010, 1, 315-321.	3.4	19
97	Synthesis, COSMO-RS analysis and optical properties of surface modified ZnS quantum dots using ionic liquids. Journal of Physics and Chemistry of Solids, 2015, 85, 34-38.	4.0	19
98	A Detail Description on Catalytic Conversion of Waste Palm Cooking Oil into Biodiesel and Its Derivatives: New Functionalized Ionic Liquid Process. ChemistrySelect, 2017, 2, 8583-8595.	1.5	19
99	Synthesis and characterization of cellulose/hydroxyapatite based dental restorative composites. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1806-1819.	3.5	19
100	Ionic liquid tuned titanium dioxide nanostructures as an efficient colorimetric sensing platform for dopamine detection. Materials Chemistry and Physics, 2021, 262, 124289.	4.0	19
101	Effect of molecular structure of cation and anions of ionic liquids and co-solvents on selectivity of 5-hydroxymethylfurfural from sugars, cellulose and real biomass. Journal of Molecular Liquids, 2021, 334, 116523.	4.9	19
102	Non-enzymatic electrochemical dopamine sensing probe based on hexagonal shape zinc-doped cobalt oxide (Zn-Co2O4) nanostructure. Mikrochimica Acta, 2022, 189, 37.	5.0	19
103	Aqueous Solution of a Basic Ionic Liquid: A Perspective Solvent for Extraction and Regeneration of Silk Powder from Bombyx mori Silk Cocoons. Journal of Polymers and the Environment, 2020, 28, 657-667.	5.0	18
104	Extraction of lignin and quantitative sugar release from biomass using efficient and cost-effective pyridinium protic ionic liquids. RSC Advances, 2020, 10, 44003-44014.	3.6	17
105	Production of Food-Grade Glucose from Rice and Wheat Residues Using a Biocompatible Ionic Liquid. ACS Sustainable Chemistry and Engineering, 2021, 9, 8080-8089.	6.7	17
106	Fabrication and Evaluation of Cellulose-Alginate-Hydroxyapatite Beads for the Removal of Heavy Metal Ions from Aqueous Solutions. Zeitschrift Fur Physikalische Chemie, 2019, 233, 1351-1375.	2.8	15
107	Evaluating the potential of a novel hardwood biomass using a superbase ionic liquid. RSC Advances, 2021, 11, 19095-19105.	3.6	15
108	Copper phthalocyanine modified SiO₂/C electrode as a biomimetic electrocatalyst for 4-aminophenol in the development of an amperometric sensor. RSC Advances, 2015, 5, 87043-87050.	3.6	14

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109	Effect of task specific thiocyanate based ionic liquids on relative volatility of cyclohexane and benzene azeotropic mixture. Journal of Molecular Liquids, 2017, 238, 208-214.	4.9	14
110	Extraction of basil seed mucilage using ionic liquid and preparation of AuNps/mucilage nanocomposite for catalytic degradation of dye. International Journal of Biological Macromolecules, 2020, 164, 1847-1857.	7.5	14
111	SiO2/Al2O3/C grafted 3-n propylpyridinium silsesquioxane chloride-based non-enzymatic electrochemical sensor for determination of carcinogenic nitrite in food products. Food Chemistry, 2022, 369, 130970.	8.2	14
112	Colorimetric Sensing of Hydrogen Peroxide Using Ionicâ€Liquidâ€Sensitized Zeroâ€Valent Copper Nanoparticle (nZVCu). ChemistrySelect, 2020, 5, 6066-6074.	1.5	13
113	Effect of pyridinium based ionic liquid on the sensing property of Ni0 nanoparticle for the colorimetric detection of hydrogen peroxide. Journal of Molecular Structure, 2020, 1219, 128620.	3.6	13
114	Efficient removal of methylene blue dye using mangosteen peel waste: kinetics, isotherms and artificial neural network (ANN) modelling. , 0, 86, 191-202.		13
115	Extraction of keratin from sheep wool fibres using aqueous ionic liquids assisted probe sonication technology. Journal of Molecular Liquids, 2022, 350, 118595.	4.9	13
116	Protic ionic liquids as a versatile modulator and stabilizer in regulating artificial peroxidase activity of carbon materials for glucose colorimetric sensing. Journal of Molecular Liquids, 2017, 243, 333-340.	4.9	12
117	In situ immobilization of CuO on SiO2/graphite matrix, modified with benzimidazolium-1-acatate ionic liquid: Application as catechol sensor. Journal of Molecular Liquids, 2018, 251, 450-457.	4.9	12
118	Ionic-Liquid-Stabilized TiO₂Nanostructures: A Platform for Detection of Hydrogen Peroxide. ACS Omega, 2021, 6, 32754-32762.	3.5	12
119	The Study of Wear Behaviour of 12-hydroxystearic Acid in Vegetable Oils. Journal of Applied Sciences, 2011, 11, 1381-1385.	0.3	10
120	Effect of imidazolium's ionic liquids with different anions and alkyl chain length on phytotoxicity and biochemical analysis of maize seedling. Journal of Molecular Liquids, 2021, 321, 114491.	4.9	9
121	Characterization of various acrylate based artificial teeth for denture fabrication. Journal of Materials Science: Materials in Medicine, 2022, 33, 17.	3.6	9
122	Fabrication of Guided Tissue Regeneration Membrane Using Lignin-Mediated ZnO Nanoparticles in Biopolymer Matrix for Antimicrobial Activity. Frontiers in Chemistry, 2022, 10, 837858.	3.6	9
123	Synthesis of an anti-cariogenic experimental dental composite containing novel drug-decorated copper particles. Materials Science and Engineering C, 2020, 114, 111040.	7.3	8
124	Cellulose Based Biomaterials: Benefits and Challenges. , 2020, , 229-246.		8
125	New Cholinesterase Inhibitory Constituents from Lonicera quinquelocularis. PLoS ONE, 2014, 9, e94952.	2.5	7
126	Biocompatibility performance evaluation of high flux hydrophilic CO3Ap/HAP/PSF composite membranes for hemodialysis application. Artificial Organs, 2021, 45, E265-E279.	1.9	7

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127	Surface tuning of silica by deep eutectic solvent to synthesize biomass derived based membranes for gas separation to enhance the circular bioeconomy. Fuel, 2022, 310, 122355.	6.4	7
128	Non-enzymatic colorimetric sensing of nitrite in fortified meat using functionalized drug mediated manganese dioxide. Materials Chemistry and Physics, 2022, 278, 125729.	4.0	7
129	Fabrication and performance evaluation of polymeric membrane using blood compatible hydroxyapatite for artificial kidney application. Artificial Organs, 2021, 45, 1377-1390.	1.9	6
130	Low-Viscosity Ether-Functionalized Ionic Liquids as Solvents for the Enhancement of Lignocellulosic Biomass Dissolution. Processes, 2021, 9, 261.	2.8	6
131	Effect of pyrazolium ionic liquid halide content on in-situ transesterification of Castor Bean (Ricinus) Tj ETQq1 1 0.784314 rgBT /Over	5.6	6
132	Preparation of cellulosic Ag-nanocomposites using an ionic liquid. Journal of Biomaterials Science, Polymer Edition, 2019, 30, 785-796.	3.5	5
133	Synthesis of enriched boron nitride nanocrystals: A potential element for biomedical applications. Applied Radiation and Isotopes, 2020, 166, 109404.	1.5	5
134	Gas Permeation Models in Mixed Matrix Membranes for Gas Separation. Advanced Materials Research, 0, 917, 317-324.	0.3	4
135	Evolution of Anticariogenic Resinâ€Modified Glass Ionomer Cements. ChemBioEng Reviews, 2021, 8, 326-336.	4.4	4
136	Plasma-based ozonolysis of lignin waste materials for the production of value-added chemicals. Biomass Conversion and Biorefinery, 0, , 1.	4.6	4
137	Conversion of biomass to chemicals using ionic liquids. , 2020, , 1-30.		3
138	Single-step synthesis of magnesium-iron borates composite; an efficient electrocatalyst for dopamine detection. Microchemical Journal, 2021, 160, 105679.	4.5	3
139	Facile Synthesis of High-Quality Nano-Size 10B-Enriched Fibers of Hexagonal Boron Nitride. Crystals, 2021, 11, 222.	2.2	3
140	One-pot production of 5-hydroxymethylfurfural and simultaneous lignin recovery from non-food lignocellulosic wastes using cost-effective ionic liquids. Biomass Conversion and Biorefinery, 2024, 14, 3223-3234.	4.6	3
141	Asperal: A New Clerodane Diterpene from Sonchus asper. Asian Journal of Chemistry, 2014, 26, 2699-2701.	0.3	2
142	Functionalized organic filler based integrated membranes for environmental remediation. Chemosphere, 2022, 303, 135073.	8.2	2
143	Preparation and Characterization of Blended Composite Membranes. Advanced Materials Research, 2012, 488-489, 506-510.	0.3	1
144	Farmanol: A New Dammarane Methoxytriterpenediol from Nepeta suavis. Asian Journal of Chemistry, 2014, 26, 119-121.	0.3	1

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145	Sustainable silver nanoparticlesÂas the vector for green therapeutics in oncology. Applied Nanoscience (Switzerland), 0, , 1.	3.1	1
146	Kinetics of Thermal Degradation of Ionic Liquid Regenerated Cellulose. Advanced Materials Research, 0, 488-489, 923-927.	0.3	0