Mohd Ali Hashim

List of Publications by Year
in descending order

206	15,961	15466 65	17546 121
papers	citations	h-index	g-index

209	209	209	15325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Encapsulated deep eutectic solvent for esterification of free fatty acid. Biomass Conversion and Biorefinery, 2022, 12, 3725-3735.	2.9	5
2	Application of deep eutectic solvent as novel co-solvent for oil extraction from flaxseed using sonoenergy. Industrial Crops and Products, 2022, 176, 114242.	2.5	13
3	Application of acidic ionic liquids for the treatment of acidic low grade palm oil for biodiesel production. Journal of Ionic Liquids, 2022, 2, 100023.	1.0	1
4	Electroreduction of CO₂ and Quantification in New Transition-Metal-Based Deep Eutectic Solvents Using Single-Atom Ag Electrocatalyst. ACS Omega, 2022, 7, 14102-14112.	1.6	6
5	Ternary glycerol-based deep eutectic solvents: Physicochemical properties and enzymatic activity. Chemical Engineering Research and Design, 2021, 169, 77-85.	2.7	15
6	A review exploring the adsorptive removal of organic micropollutants on tailored hierarchical carbon nanotubes. Toxicological and Environmental Chemistry, 2021, 103, 282-325.	0.6	6
7	The development of new homogenous and heterogeneous catalytic processes for the treatment of low grade palm oil. Journal of Molecular Liquids, 2021, 344, 117574.	2.3	5
8	Application of Taguchi method for the optimization of Fe²⁺ removal from contaminated synthetic groundwater using a rotating packed bed contactor. Water and Environment Journal, 2020, 34, 57-65.	1.0	8
9	Simulation of Deep Eutectic Solventsâ€™ Interaction with Membranes of Cancer Cells Using COSMO-RS. Journal of Physical Chemistry B, 2020, 124, 9086-9094.	1.2	15
10	Removal of nickel from water using rotating packed bed contactor: Parametric studies and mode of operations. Journal of Water Process Engineering, 2020, 36, 101286.	2.6	9
11	Characterization of tetraethylene glycol-based deep eutectic solvents and their potential application for dissolving unsaturated fatty acids. Journal of Molecular Liquids, 2020, 312, 113284.	2.3	17
12	Selective extraction of benzene from benzeneâ€“cyclohexane mixture using 1-ethyl-3-methylimidazolium tetrafluoroborate ionic liquid. AIP Conference Proceedings, 2019, , .	0.3	2
13	Liquid-liquid equilibria data for the separation of ethylbenzene/styrene mixtures using ammonium-based deep eutectic solvents. Journal of Chemical Thermodynamics, 2019, 135, 296-304.	1.0	18
14	Physical properties of ethylene glycol-based deep eutectic solvents. Journal of Molecular Liquids, 2019, 276, 794-800.	2.3	150
15	Arsenic removal by adsorption on activated carbon in a rotating packed bed. Journal of Water Process Engineering, 2019, 30, 100591.	2.6	34
16	Growth and optimization of carbon nanotubes in powder activated carbon for an efficient removal of methylene blue from aqueous solution. Environmental Technology (United Kingdom), 2019, 40, 2400-2415.	1.2	14
17	The formation of hybrid carbon nanomaterial by chemical vapor deposition: an efficient adsorbent for enhanced removal of methylene blue from aqueous solution. Water Science and Technology, 2018, 77, 1714-1723.	1.2	13
18	Eutectic mixture-functionalized carbon nanomaterials for selective amperometric detection of nitrite using modified glassy carbon electrode. Journal of Electroanalytical Chemistry, 2018, 812, 107-114.	1.9	15

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19	Liquidâ€“Liquid Equilibria for Binary Azeotrope Mixtures of Benzene and Alcohols Using Choline Chloride-Based Deep Eutectic Solvents. Journal of Chemical & Engineering Data, 2018, 63, 613-624.	1.0	23
20	Optimization of the Synthesis of Superhydrophobic Carbon Nanomaterials by Chemical Vapor Deposition. Scientific Reports, 2018, 8, 2778.	1.6	61
21	Intensification of biotransformations using deep eutectic solvents: Overview and outlook. Process Biochemistry, 2018, 66, 33-60.	1.8	83
22	Application of guar gum for the removal of dissolved lead from wastewater. Industrial Crops and Products, 2018, 111, 261-269.	2.5	49
23	Zinc Removal from Soil by Washing with Saponin Obtained from Sapindus mukorossi. Journal of Environmental Analytical Chemistry, 2018, 05, .	0.3	5
24	Unraveling the cytotoxicity and metabolic pathways of binary natural deep eutectic solvent systems. Scientific Reports, 2017, 7, 41257.	1.6	121
25	Novel deep eutectic solvent-functionalized carbon nanotubes adsorbent for mercury removal from water. Journal of Colloid and Interface Science, 2017, 497, 413-421.	5.0	81
26	Separation of aromatic and aliphatic hydrocarbons using deep eutectic solvents: A critical review. Fluid Phase Equilibria, 2017, 448, 152-167.	1.4	59
27	Applications of deep eutectic solvents in biotechnology and bioengineeringâ€”Promises and challenges. Biotechnology Advances, 2017, 35, 105-134.	6.0	361
28	Liquid-liquid separation of azeotropic mixtures of ethanol/alkanes using deep eutectic solvents: COSMO-RS prediction and experimental validation. Fluid Phase Equilibria, 2017, 448, 105-115.	1.4	43
29	The role of ionic liquids in desulfurization of fuels: A review. Renewable and Sustainable Energy Reviews, 2017, 76, 1534-1549.	8.2	247
30	Superoxide Ion as Oxidative Desulfurizing Agent for Aromatic Sulfur Compounds in Ionic Liquid Media. ACS Sustainable Chemistry and Engineering, 2017, 5, 1854-1863.	3.2	18
31	Functionalization of carbon nanotubes using eutectic mixtures: A promising route for enhanced aqueous dispersibility and electrochemical activity. Chemical Engineering Journal, 2017, 311, 326-339.	6.6	50
32	Allyl triphenyl phosphonium bromide based DES-functionalized carbon nanotubes for the removal of mercury from water. Chemosphere, 2017, 167, 44-52.	4.2	95
33	Pure and aqueous deep eutectic solvents for a lipase-catalysed hydrolysis reaction. Biochemical Engineering Journal, 2017, 117, 129-138.	1.8	66
34	Remediation of Arsenic Contaminated Soil Using Phosphate and Colloidal Gas Aphron Suspensions Produced from Sapindus mukorossi. Bulletin of Environmental Contamination and Toxicology, 2017, 98, 366-372.	1.3	4
35	Efficient removal of benzene from cyclohexane-benzene mixtures using deep eutectic solvents â€“ COSMO-RS screening and experimental validation. Journal of Chemical Thermodynamics, 2017, 104, 33-44.	1.0	114
36	Production of Fatty Acid Methyl Ester from Low Grade Palm Oil Using Eutectic Solvent Based on Benzyltrimethylammonium Chloride. IOP Conference Series: Materials Science and Engineering, 2017, 210, 012012.	0.3	4

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37	Diethylene glycol based deep eutectic solvents and their physical properties. Studia Universitatis Babes-Bolyai Chemia, 2017, 62, 433-450.	0.1	10
38	Removal of Thiophene from Mixtures with n-Heptane by Selective Extraction Using Deep Eutectic Solvents. Industrial & Engineering Chemistry Research, 2016, 55, 8415-8423.	1.8	98
39	Ammonium-based deep eutectic solvents as novel soil washing agent for lead removal. Chemical Engineering Journal, 2016, 294, 316-322.	6.6	64
40	Enhanced removal of lead from contaminated soil by polyol-based deep eutectic solvents and saponin. Journal of Contaminant Hydrology, 2016, 194, 17-23.	1.6	23
41	Lead removal from water by choline chloride based deep eutectic solvents functionalized carbon nanotubes. Journal of Molecular Liquids, 2016, 222, 883-894.	2.3	90
42	Functionalization of CNTs surface with phosphonuim based deep eutectic solvents for arsenic removal from water. Applied Surface Science, 2016, 389, 216-226.	3.1	89
43	Physicochemical properties of piperidinium, ammonium, pyrrolidinium and morpholinium cations based ionic liquids paired with bis(trifluoromethylsulfonyl)imide anion. Fluid Phase Equilibria, 2016, 427, 18-26.	1.4	34
44	Performance evaluation of natural iron-rich sandy soil as a low-cost adsorbent for removal of lead from water. Desalination and Water Treatment, 2016, 57, 5013-5024.	1.0	2
45	Extractive denitrogenation of diesel fuel using ammonium- and phosphonium-based deep eutectic solvents. Journal of Chemical Thermodynamics, 2016, 95, 164-173.	1.0	86
46	Ionic Liquid-Carbon Nanomaterial Hybrids for Electrochemical Sensor Applications: a Review. Electrochimica Acta, 2016, 193, 321-343.	2.6	156
47	Superoxide Ion: Generation and Chemical Implications. Chemical Reviews, 2016, 116, 3029-3085.	23.0	1,458
48	Glycerol-based deep eutectic solvents: Physical properties. Journal of Molecular Liquids, 2016, 215, 98-103.	2.3	294
49	Remediation of Pb/Cr co-contaminated soil using electrokinetic process and approaching electrode technique. Environmental Science and Pollution Research, 2016, 23, 546-555.	2.7	21
50	Application of a rotating packed bed contactor for removal of Direct Red 23 by adsorption. Desalination and Water Treatment, 2016, 57, 13518-13526.	1.0	18
51	A New Emulsion Liquid Membrane Based on a Palm Oil for the Extraction of Heavy Metals. Membranes, 2015, 5, 168-179.	1.4	54
52	In Vitro and In Vivo Toxicity Profiling of Ammonium-Based Deep Eutectic Solvents. PLoS ONE, 2015, 10, e0117934.	1.1	204
53	The Effect of Temperature on Kinetics and Diffusion Coefficients of Metallocene Derivatives in Polyol-Based Deep Eutectic Solvents. PLoS ONE, 2015, 10, e0144235.	1.1	33
54	Facile Route for Fuel Desulfurization Using Generated Superoxide Ion in Ionic Liquids. Industrial & Engineering Chemistry Research, 2015, 54, 12263-12269.	1.8	23

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55	Zinc (II) chloride-based deep eutectic solvents for application as electrolytes: Preparation and characterization. Journal of Molecular Liquids, 2015, 204, 76-83.	2.3	67
56	Coupling the capabilities of different complexing agents into deep eutectic solvents to enhance the separation of aromatics from aliphatics. Journal of Chemical Thermodynamics, 2015, 84, 67-75.	1.0	56
57	Contemporary Environmental Issues of Landfill Leachate: Assessment and Remedies. Critical Reviews in Environmental Science and Technology, 2015, 45, 472-590.	6.6	156
58	Application of a Novel Catalyst in the Esterification of Mixed Industrial Palm Oil for Biodiesel Production. Bioenergy Research, 2015, 8, 459-463.	2.2	5
59	Extraction of nitrogen compounds from diesel fuel using imidazolium- and pyridinium-based ionic liquids: Experiments, COSMO-RS prediction and NRTL correlation. Fluid Phase Equilibria, 2015, 405, 55-67.	1.4	54
60	Optimization of pulp fibre removal by flotation using colloidal gas aphrons generated from a natural surfactant. Journal of the Taiwan Institute of Chemical Engineers, 2015, 53, 15-21.	2.7	13
61	Potential applications of deep eutectic solvents in nanotechnology. Chemical Engineering Journal, 2015, 273, 551-567.	6.6	415
62	Triethylene glycol based deep eutectic solvents and their physical properties. Journal of the Taiwan Institute of Chemical Engineers, 2015, 50, 24-30.	2.7	83
63	Evaluation of toxicity and biodegradability for cholinium-based deep eutectic solvents. RSC Advances, 2015, 5, 83636-83647.	1.7	180
64	Performance of Cholineâ€Based Deep Eutectic Solvents in the Extraction of Tocols from Crude Palm Oil. JAOCS, Journal of the American Oil Chemists' Society, 2015, 92, 1709-1716.	0.8	47
65	Effects of operating parameters on the performance of washingâ€“electrokinetic two stage process as soil remediation method for lead removal. Separation and Purification Technology, 2015, 156, 403-413.	3.9	20
66	Functionalization of graphene using deep eutectic solvents. Nanoscale Research Letters, 2015, 10, 1004.	3.1	172
67	Arsenic removal from soil with high iron content using a natural surfactant and phosphate. International Journal of Environmental Science and Technology, 2015, 12, 617-632.	1.8	22
68	Application of colloidal gas aphron suspensions produced from Sapindus mukorossi for arsenic removal from contaminated soil. Chemosphere, 2015, 119, 355-362.	4.2	17
69	Taguchi optimization approach for production of activated carbon from phosphoric acid impregnated palm kernel shell by microwave heating. Journal of Cleaner Production, 2015, 105, 420-427.	4.6	77
70	Kinetics of superoxide ion in dimethyl sulfoxide containing ionic liquids. Ionics, 2015, 21, 719-728.	1.2	10
71	Biodiesel Production from Acidic Crude Palm Oil Using Perchloric Acid. Energy Procedia, 2014, 61, 2745-2749.	1.8	10
72	Agro-industrial acidic oil as a renewable feedstock for biodiesel production using (1R)-(â€“)-camphor-10-sulfonic acid. Chemical Engineering Science, 2014, 116, 223-227.	1.9	5

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73	A new processing route for cleaner production of biodiesel fuel using aÂcholine chloride based deep eutectic solvent. Journal of Cleaner Production, 2014, 65, 246-251.	4.6	129
74	Stability and performance enhancements of Electrokinetic-Fenton soil remediation. Reviews in Environmental Science and Biotechnology, 2014, 13, 251-263.	3.9	25
75	Treatment of industrial low grade palm oil via esterification reaction using sonoreactor. Journal of Industrial and Engineering Chemistry, 2014, 20, 2066-2070.	2.9	13
76	A Solid Organic Acid Catalyst for the Pretreatment of Low-Grade Crude Palm Oil and Biodiesel Production. International Journal of Green Energy, 2014, 11, 129-140.	2.1	13
77	A quantum chemical study on the molecular interaction between pyrrole and ionic liquids. Journal of Molecular Liquids, 2014, 194, 20-29.	2.3	29
78	Application of carbon materials in redox flow batteries. Journal of Power Sources, 2014, 253, 150-166.	4.0	262
79	Evaluating the Performance of Deep Eutectic Solvents for Use in Extractive Denitrification of Liquid Fuels by the Conductor-like Screening Model for Real Solvents. Journal of Chemical & Engineering Data, 2014, 59, 3470-3487.	1.0	97
80	Separation of BTEX aromatics from n-octane using a (tetrabutylammonium bromide + sulfolane) deep eutectic solvent â€“ experiments and COSMO-RS prediction. RSC Advances, 2014, 4, 17597.	1.7	117
81	A comparative study of biopolymers and alum in the separation and recovery of pulp fibres from paper mill effluent by flocculation. Journal of Environmental Sciences, 2014, 26, 1851-1860.	3.2	23
82	Solubility of sodium chloride in phosphonium-based deep eutectic solvents. Journal of Molecular Liquids, 2014, 199, 344-351.	2.3	14
83	Performance Evaluation of Two-Stage Electrokinetic Washing as Soil Remediation Method for Lead Removal using Different Wash Solutions. Electrochimica Acta, 2014, 147, 9-18.	2.6	21
84	Vapor pressure of aqueous methyldiethanolamine mixed with ionic liquids. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 380-386.	2.7	16
85	Prospects of applying ionic liquids and deep eutectic solvents for renewable energy storage by means of redox flow batteries. Renewable and Sustainable Energy Reviews, 2014, 30, 254-270.	8.2	212
86	The electrochemical behaviour of ferrocene in deep eutectic solvents based on quaternary ammonium and phosphonium salts. Physical Chemistry Chemical Physics, 2013, 15, 1707-1714.	1.3	53
87	Solubility of Sodium Salts in Ammonium-Based Deep Eutectic Solvents. Journal of Chemical & Engineering Data, 2013, 58, 2154-2162.	1.0	42
88	Prediction of refractive index and density of deep eutectic solvents using atomic contributions. Fluid Phase Equilibria, 2013, 354, 304-311.	1.4	76
89	Esterification of sludge palm oil using trifluoromethanesulfonic acid for preparation of biodiesel fuel. Korean Journal of Chemical Engineering, 2013, 30, 1229-1234.	1.2	20
90	An investigation of the reaction between 1-butyl-3-methylimidazolium trifluoromethanesulfonate and superoxide ion. Journal of Molecular Liquids, 2013, 181, 44-50.	2.3	32

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91	Thermal stress management of a solid oxide fuel cell using neural network predictive control. Energy, 2013, 62, 320-329.	4.5	56
92	Assessment of cytotoxicity and toxicity for phosphonium-based deep eutectic solvents. Chemosphere, 2013, 93, 455-459.	4.2	217
93	Solubility of Sodium Chloride in Ionic Liquids. Industrial & Engineering Chemistry Research, 2013, 52, 11488-11493.	1.8	25
94	Phase equilibria of toluene/heptane with deep eutectic solvents based on ethyltriphenylphosphonium iodide for the potential use in the separation of aromatics from naphtha. Journal of Chemical Thermodynamics, 2013, 65, 138-149.	1.0	59
95	Cyclic Voltammetry of Metallic Acetylacetonate Salts in Quaternary Ammonium and Phosphonium Based Deep Eutectic Solvents. Journal of Solution Chemistry, 2013, 42, 2329-2341.	0.6	22
96	Are deep eutectic solvents benign or toxic?. Chemosphere, 2013, 90, 2193-2195.	4.2	473
97	Comparison of a plant based natural surfactant with SDS for washing of As(V) from Fe rich soil. Journal of Environmental Sciences, 2013, 25, 2247-2256.	3.2	32
98	Physicochemical properties of ammonium-based deep eutectic solvents and their electrochemical evaluation using organometallic reference redox systems. Electrochimica Acta, 2013, 113, 205-211.	2.6	90
99	Electrical conductivity of ammonium and phosphonium based deep eutectic solvents: Measurements and artificial intelligence-based prediction. Fluid Phase Equilibria, 2013, 356, 30-37.	1.4	70
100	Electrochemical approaches to the production of graphene flakes and their potential applications. Carbon, 2013, 54, 1-21.	5.4	285
101	A novel ammonium based eutectic solvent for the treatment of free fatty acid and synthesis of biodiesel fuel. Industrial Crops and Products, 2013, 46, 392-398.	2.5	80
102	A novel phosphonium-based deep eutectic catalyst for biodiesel production from industrial low grade crude palm oil. Chemical Engineering Science, 2013, 92, 81-88.	1.9	141
103	Performance evaluation of vanadium (IV) transport through supported ionic liquid membrane. Journal of the Taiwan Institute of Chemical Engineers, 2013, 44, 337-342.	2.7	32
104	Glucose-based deep eutectic solvents: Physical properties. Journal of Molecular Liquids, 2013, 178, 137-141.	2.3	285
105	Progress in the electrochemical modification of graphene-based materials and their applications. Electrochimica Acta, 2013, 107, 425-440.	2.6	112
106	An overview of cathode material and catalysts suitable for generating hydrogen in microbial electrolysis cell. International Journal of Hydrogen Energy, 2013, 38, 1745-1757.	3.8	289
107	Indicators for assessment of sustainable production: A case study of the petrochemical industry in Malaysia. Ecological Indicators, 2013, 24, 392-402.	2.6	93
108	Investigating the electrochemical windows of ionic liquids. Journal of Industrial and Engineering Chemistry, 2013, 19, 106-112.	2.9	242

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109	Evaluation of Molecular Interaction in Binary Mixture of Ionic Liquids + Heterocyclic Nitrogen Compounds: Ab Initio Method and COSMO-RS Model. Industrial & Engineering Chemistry Research, 2013, 52, 18043-18058.	1.8	33
110	Elimination of All Free Glycerol and Reduction of Total Glycerol from Palm Oil-Based Biodiesel Using Non-Glycerol Based Deep Eutectic Solvents. Separation Science and Technology, 2013, 48, 1184-1193.	1.3	18
111	Hexavalent Chromium Adsorption by a Novel Activated Carbon Prepared by Microwave Activation. BioResources, 2013, 9, .	0.5	16
112	An Observation on Sludge Granulation in an Enhanced Biological Phosphorus Removal Process. Water Environment Research, 2012, 84, 3-8.	1.3	8
113	Extraction of Metal Ions by ELM Separation Technology. Journal of Dispersion Science and Technology, 2012, 33, 346-356.	1.3	53
114	Fruit sugar-based deep eutectic solvents and their physical properties. Thermochimica Acta, 2012, 541, 70-75.	1.2	260
115	Densities and Viscosities of Binary Blends of Methyl Esters + Ethyl Esters and Ternary Blends of Methyl Esters + Ethyl Esters + Diesel Fuel from T = (293.15 to 358.15) K. Journal of Chemical & Engineering Data, 2012, 57, 1387-1395.	1.0	15
116	Microemulsion method: A novel route to synthesize organic and inorganic nanomaterials. Arabian Journal of Chemistry, 2012, 5, 397-417.	2.3	462
117	Prediction of glycerol removal from biodiesel using ammonium and phosphunium based deep eutectic solvents using artificial intelligence techniques. Chemometrics and Intelligent Laboratory Systems, 2012, 118, 193-199.	1.8	32
118	Phase equilibria of toluene/heptane with tetrabutylphosphonium bromide based deep eutectic solvents for the potential use in the separation of aromatics from naphtha. Fluid Phase Equilibria, 2012, 333, 47-54.	1.4	89
119	Generation of Superoxide Ion in Pyridinium, Morpholinium, Ammonium, and Sulfonium-Based Ionic Liquids and the Application in the Destruction of Toxic Chlorinated Phenols. Industrial & Engineering Chemistry Research, 2012, 51, 10546-10556.	1.8	32
120	Kinetics of Carbon Dioxide absorption into aqueous MDEA+[bmim][BF4] solutions from 303 to 333K. Chemical Engineering Journal, 2012, 200-202, 317-328.	6.6	53
121	Long term stability of superoxide ion in piperidinium, pyrrolidinium and phosphonium cations-based ionic liquids and its utilization in the destruction of chlorobenzenes. Journal of Electroanalytical Chemistry, 2012, 664, 26-32.	1.9	55
122	Generation and stability of superoxide ion in tris(pentafluoroethyl)trifluorophosphate anion-based ionic liquids. Journal of Fluorine Chemistry, 2012, 142, 83-89.	0.9	20
123	Treatment of acidic palm oil for fatty acid methyl esters production. Chemical Papers, 2012, 66, .	1.0	10
124	Liquidâ€“liquid equilibria for the ternary system (phosphonium based deep eutectic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (solve 2012, 314, 52-59.	1.4	97
125	Prediction of the surface tension of deep eutectic solvents. Fluid Phase Equilibria, 2012, 319, 48-54.	1.4	126
126	Generation of superoxide ion in 1-butyl-1-methylpyrrolidinium trifluoroacetate and its application in the destruction of chloroethanes. Journal of Molecular Liquids, 2012, 167, 28-33.	2.3	25

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127	Densities of ammonium and phosphonium based deep eutectic solvents: Prediction using artificial intelligence and group contribution techniques. Thermochimica Acta, 2012, 527, 59-66.	1.2	264
128	Application of colloidal gas aphrons for pollution remediation. Journal of Chemical Technology and Biotechnology, 2012, 87, 305-324.	1.6	38
129	Adsorptive removal of residual catalyst from palm biodiesel: Application of response surface methodology. Hemijska Industrija, 2012, 66, 373-380.	0.3	10
130	Using Deep Eutectic Solvents Based on Methyl Triphenyl Phosphunium Bromide for the Removal of Glycerol from Palm-Oil-Based Biodiesel. Energy & Fuels, 2011, 25, 2671-2678.	2.5	189
131	Remediation technologies for heavy metal contaminated groundwater. Journal of Environmental Management, 2011, 92, 2355-2388.	3.8	697
132	Emulsion stabilization using ionic liquid [BMIM]+[NTf2]â˜ and performance evaluation on the extraction of chromium. Journal of Hazardous Materials, 2011, 195, 55-61.	6.5	25
133	Performance evaluation of supported ionic liquid membrane for removal of phenol. Journal of Hazardous Materials, 2011, 192, 1283-1290.	6.5	57
134	A comparative study of experimental optimization and response surface optimization of Cr removal by emulsion ionic liquid membrane. Journal of Hazardous Materials, 2011, 195, 383-390.	6.5	71
135	Eutectic solvents for the removal of residual palm oil-based biodiesel catalyst. Separation and Purification Technology, 2011, 81, 216-222.	3.9	121
136	Chromium removal by emulsion liquid membrane using [BMIM]+[NTf2]â˜ as stabilizer and TOMAC as extractant. Desalination, 2011, 278, 50-56.	4.0	88
137	Behavior of hydrophobic ionic liquids as liquid membranes on phenol removal: Experimental study and optimization. Desalination, 2011, 278, 250-258.	4.0	68
138	Absorption of carbon dioxide in the aqueous mixtures of methyldiethanolamine with three types of imidazolium-based ionic liquids. Fluid Phase Equilibria, 2011, 309, 76-82.	1.4	92
139	Ethanesulfonic acid-based esterification of industrial acidic crude palm oil for biodiesel production. Bioresource Technology, 2011, 102, 9564-9570.	4.8	37
140	Density, viscosity, physical solubility and diffusivity of CO2 in aqueous MDEA+[bmim][BF4] solutions from 303 to 333K. Chemical Engineering Journal, 2011, 172, 763-770.	6.6	52
141	Electrochemical Generation of Superoxide Ion in Ionic Liquid 1-(3-Methoxypropyl)-1-Methylpiperidinium Bis (Trifluoromethylsulfonyl) Imide. IOP Conference Series: Materials Science and Engineering, 2011, 17, 012028.	0.3	3
142	Modeling the effect of wall capacitance on the dynamics of an exothermic reaction system in a batch reactor. International Journal of Heat and Mass Transfer, 2011, 54, 439-446.	2.5	5
143	Ionic liquids in supported liquid membrane technology. Chemical Engineering Journal, 2011, 171, 242-254.	6.6	165
144	Comparison of ionic liquid, acid and alkali pretreatments for sugarcane bagasse enzymatic saccharification. Journal of Chemical Technology and Biotechnology, 2011, 86, 1342-1348.	1.6	76

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145	Experimental and theoretical investigation of parametric sensitivity and dynamics of a continuous stirred tank reactor for acid catalyzed hydrolysis of acetic anhydride. Computers and Chemical Engineering, 2011, 35, 1295-1303.	2.0	9
146	Extraction performance of chromium (VI) with emulsion liquid membrane by Cyanex 923 as carrier using response surface methodology. Desalination, 2011, 266, 286-290.	4.0	53
147	Electrochemical reduction of dioxygen in Bis (trifluoromethylsulfonyl) imide based ionic liquids. Journal of Electroanalytical Chemistry, 2011, 657, 150-157.	1.9	55
148	Prediction of deep eutectic solvents densities at different temperatures. Thermochimica Acta, 2011, 515, 67-72.	1.2	200
149	Nanotoxicity: Dimensional and Morphological Concerns. Advances in Physical Chemistry, 2011, 2011, 1-15.	2.0	60
150	Development of a Stepping Force Analgesic Meter for a Rat Arthritic Model. Sensors, 2011, 11, 5058-5070.	2.1	3
151	Utilizing of 1-Hexyl-1-Methyl-Pyrrolidinium Bis (Trifluoromethyl-Sulfonyl) Imide as Medium for Electrochemical Generation of Superoxide Ion-Radical. IIUM Engineering Journal, 2011, 12, .	0.5	0
152	Performance evaluation of organic emulsion liquid membrane on phenol removal. Journal of Hazardous Materials, 2010, 184, 255-260.	6.5	97
153	Input Multiplicity Analysis in a Nonâ€Ìsothermal CSTR for Acidâ€Catalyzed Hydrolysis of Acetic Anhydride. Chemical Engineering and Technology, 2010, 33, 499-507.	0.9	7
154	A novel technique for separating glycerine from palm oil-based biodiesel using ionic liquids. Fuel Processing Technology, 2010, 91, 116-120.	3.7	265
155	A novel method for the synthesis of 2-imidazolones. Tetrahedron Letters, 2010, 51, 1976-1978.	0.7	50
156	Experimental Investigation on the Solubility and Initial Rate of Absorption of CO₂ in Aqueous Mixtures of Methyldiethanolamine with the Ionic Liquid 1-Butyl-3-methylimidazolium Tetrafluoroborate. Journal of Chemical & Engineering Data, 2010, 55, 5733-5738.	1.0	70
157	Phosphonium-Based Ionic Liquids Analogues and Their Physical Properties. Journal of Chemical & Engineering Data, 2010, 55, 4632-4637.	1.0	345
158	Winter Operation of Biofilters for Hydrogen Sulphide Removal. International Journal of Chemical Reactor Engineering, 2009, 7, .	0.6	1
159	Effect of seeding sludge type and hydrodynamic shear force on the aerobic sludge granulation in sequencing batch airlift reactors. Asia-Pacific Journal of Chemical Engineering, 2009, 4, 826-831.	0.8	4
160	Determination of Coenzyme Q₉ and Q₁₀ in Developing Palm Fruits. JAOCS, Journal of the American Oil Chemists' Society, 2009, 86, 201-205.	0.8	6
161	Modeling the performance of protein-A affinity columns using asymptotic solutions. Separation and Purification Technology, 2009, 68, 279-282.	3.9	3
162	Prediction of protein breakthrough behavior using simplified analytical solutions. Separation and Purification Technology, 2007, 53, 189-197.	3.9	20

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163	Copper biosorption on immobilized seaweed biomass: Column breakthrough characteristics. Journal of Environmental Sciences, 2007, 19, 928-932.	3.2	41
164	Biomass Acclimatization to Sequentially Varying Substrates in an Upflow Anaerobic Sludge Blanket (UASB) Bioreactor. Water Quality Research Journal of Canada, 2006, 41, 437-448.	1.2	4
165	Protein adsorption on Ion exchange resin: Estimation of equilibrium isotherm parameters from batch kinetic data. Biotechnology and Bioprocess Engineering, 2006, 11, 61-66.	1.4	9
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