

Mihir Kumar Purkait

List of Publications by Year in descending order

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166
papers

8,965
citations

31902

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172
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172
times ranked

8405
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal removal efficiency of novel LD-slag-incorporated ceramic membrane from steel plant wastewater. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1078-1094.	1.8	4
2	Thermochemical pretreatment enhanced bioconversion of elephant grass (<i>Pennisetum purpureum</i>): insight on the production of sugars and lignin. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 1125-1138.	2.9	22
3	Hybrid electrocoagulation–microfiltration technique for treatment of nanofiltration rejected steel industry effluent. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 62-83.	1.8	26
4	CeO ₂ nanoparticles incorporated MIL-100(Fe) composites for loading of an anticancer drug: Effects of HF in composite synthesis and drug loading capacity. <i>Inorganica Chimica Acta</i> , 2022, 533, 120784.	1.2	7
5	A review on global perspectives of sustainable development in bioenergy generation. <i>Bioresource Technology</i> , 2022, 348, 126791.	4.8	91
6	Environmental remediation by tea waste and its derivative products: A review on present status and technological advancements. <i>Chemosphere</i> , 2022, 300, 134480.	4.2	20
7	Potential of MOF-based novel adsorbents for the removal of aquatic pollutants. , 2022, , 29-47.		0
8	Progress in the synthesis and applications of polymeric nanomaterials derived from waste lignocellulosic biomass. , 2022, , 419-433.		1
9	Green Synthesized Carbon and Metallic Nanomaterials for Biofuel Production: Effect of Operating Parameters. <i>Clean Energy Production Technologies</i> , 2022, , 105-126.	0.3	1
10	Sugarcane bagasse into value-added products: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62785-62806.	2.7	17
11	A review on the environment-friendly emerging techniques for pretreatment of lignocellulosic biomass: Mechanistic insight and advancements. <i>Chemosphere</i> , 2021, 264, 128523.	4.2	174
12	Integrated ozonation assisted electrocoagulation process for the removal of cyanide from steel industry wastewater. <i>Chemosphere</i> , 2021, 263, 128370.	4.2	74
13	Bio-based Polymeric Nanocomposites for Stimuli-Responsive Membranes. , 2021, , 1-28.		0
14	Bio-based Polymeric Nanocomposites for Stimuli-Responsive Membranes. , 2021, , 781-808.		0
15	Enzymatic hydrolysis of lignocellulosic biomass: Mechanistic insight and advancement. , 2021, , 79-94.		0
16	Formation and detoxification of inhibitors. , 2021, , 61-78.		2
17	Value-added products derived from lignocellulosic biomass. , 2021, , 125-140.		2
18	Conventional pretreatment methods of lignocellulosic biomass. , 2021, , 31-46.		0

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19	Analytical methods for the quantification of sugars and characterization of biomass. , 2021, , 111-124.		1
20	Compositional aspects of lignocellulosic biomass. , 2021, , 17-30.		0
21	Introduction to lignocellulosic biomass and its potential. , 2021, , 1-15.		0
22	Strategies to improve enzymatic production of sugars. , 2021, , 95-109.		0
23	Bioenergy from biomass. , 2021, , 153-166.		0
24	Ultrasound assisted extraction of gallic acid from Ficus auriculata leaves using green solvent. Food and Bioproducts Processing, 2021, 128, 1-11.	1.8	33
25	Potential and sustainable utilization of tea waste: A review on present status and future trends. Journal of Environmental Chemical Engineering, 2021, 9, 106179.	3.3	73
26	Progress in the electrochemical reduction of CO ₂ to formic acid: A review on current trends and future prospects. Journal of Environmental Chemical Engineering, 2021, 9, 106394.	3.3	53
27	A critical review on the techniques used for the synthesis and applications of crystalline cellulose derived from agricultural wastes and forest residues. Carbohydrate Polymers, 2021, 273, 118537.	5.1	64
28	Promising integrated technique for the treatment of highly saline nanofiltration rejected stream of steel industry. Journal of Environmental Management, 2021, 300, 113781.	3.8	11
29	Membrane adsorption. Interface Science and Technology, 2021, 33, 629-653.	1.6	6
30	Emerging and advanced techniques in the pretreatment of lignocellulosic biomass. , 2021, , 47-60.		0
31	Polymeric ultrafiltration membranes modified with fly ash based carbon nanotubes for thermal stability and protein separation. Case Studies in Chemical and Environmental Engineering, 2021, 4, 100155.	2.9	9
32	Synthesis of Carbon Nanotubes from Industrial Wastes Following Alkali Activation and Film Casting Method. Waste and Biomass Valorization, 2020, 11, 4957-4966.	1.8	11
33	Lignocellulosic conversion into value-added products: A review. Process Biochemistry, 2020, 89, 110-133.	1.8	91
34	Utilization of waste polyvinyl chloride (PVC) for ultrafiltration membrane fabrication and its characterization. Journal of Environmental Chemical Engineering, 2020, 8, 103650.	3.3	48
35	Micro and nanocrystalline cellulose derivatives of lignocellulosic biomass: A review on synthesis, applications and advancements. Carbohydrate Polymers, 2020, 250, 116937.	5.1	109
36	Technological advancement in the synthesis and applications of lignin-based nanoparticles derived from agro-industrial waste residues: A review. International Journal of Biological Macromolecules, 2020, 163, 1828-1843.	3.6	71

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37	Biopolymer (gum arabic) incorporation in waste polyvinylchloride membrane for the enhancement of hydrophilicity and natural organic matter removal in water. Journal of Water Process Engineering, 2020, 38, 101569.	2.6	21
38	Thermal induced membrane separation processes: an introduction. , 2020, , 1-16.		0
39	Membrane materials and modification for thermal induced membrane separation processes. , 2020, , 41-53.		0
40	Fabrication and characterization techniques for thermal induced membrane separation processes. , 2020, , 55-76.		0
41	Membrane distillation. , 2020, , 77-97.		0
42	Theoretical aspects, design, and modeling in thermal induced membrane separation processes. , 2020, , 17-39.		0
43	Pervaporation. , 2020, , 99-120.		1
44	Membrane crystallization. , 2020, , 121-142.		0
45	Membrane contactors. , 2020, , 143-162.		1
46	Membrane reactors and their applications in thermal induced membrane separation processes. , 2020, , 163-186.		0
47	Novel smart, super-hydrophobic, and next generation membranes for thermal induced membrane separation processes. , 2020, , 187-202.		0
48	Membrane processes in integrated systems. , 2020, , 203-227.		0
49	Fouling and its mitigation in thermal induced membrane separation processes. , 2020, , 229-249.		0
50	Applications of thermal induced membrane separation processes. , 2020, , 251-267.		1
51	Advancements in thermal induced membrane separation processes. , 2020, , 269-295.		0
52	Loading and release of doxorubicin hydrochloride from iron(ⁱⁱⁱ) trimesate MOF and zinc oxide nanoparticle composites. Dalton Transactions, 2020, 49, 8755-8763.	1.6	10
53	Stimuli responsive mixed matrix polysulfone ultrafiltration membrane for humic acid and photocatalytic dye removal applications. Separation and Purification Technology, 2020, 250, 117247.	3.9	48
54	MOFs for the treatment of arsenic, fluoride and iron contaminated drinking water: A review. Chemosphere, 2020, 251, 126388.	4.2	116

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55	Green synthesis and environmental application of iron-based nanomaterials and nanocomposite: A review. <i>Chemosphere</i> , 2020, 259, 127509.	4.2	176
56	Recent Developments in Nanomaterials-Modified Membranes for Improved Membrane Distillation Performance. <i>Membranes</i> , 2020, 10, 140.	1.4	55
57	Utilization of LD slag from steel industry for the preparation of MF membrane. <i>Journal of Environmental Management</i> , 2020, 259, 110060.	3.8	17
58	Fabrication of ultrasound-mediated tunable graphene oxide nanoscrolls. <i>Ultrasonics Sonochemistry</i> , 2020, 63, 104976.	3.8	36
59	Doxorubicin Loading Capacity of MIL-100(Fe): Effect of Synthesis Conditions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2366-2375.	1.9	12
60	Recovery of H ₂ SO ₄ from wastewater in the presence of NaCl and KHCO ₃ through pH responsive polysulfone membrane: Optimization approach. <i>Polymer Testing</i> , 2020, 86, 106463.	2.3	11
61	Experimental evaluation of Pt/TiO ₂ /rGO as an efficient HER catalyst via artificial photosynthesis under UVB & visible irradiation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 17174-17190.	3.8	26
62	Purification of catechins from <i>Camellia sinensis</i> using membrane cell. <i>Food and Bioproducts Processing</i> , 2019, 117, 203-212.	1.8	16
63	Preparation and characterization of novel green synthesized iron-aluminum nanocomposite and studying its efficiency in fluoride removal. <i>Chemosphere</i> , 2019, 235, 391-402.	4.2	73
64	Selective glucose permeability in presence of various salts through tunable pore size of pH responsive PVDF-co-HFP membrane. <i>Separation and Purification Technology</i> , 2019, 221, 249-260.	3.9	25
65	Preparation and characterization of animal bone powder impregnated fly ash catalyst for transesterification. <i>Science of the Total Environment</i> , 2019, 669, 314-321.	3.9	37
66	Microfiltration Membranes. , 2019, , 111-146.		11
67	Cu ₂ O photocatalyst modified antifouling polysulfone mixed matrix membrane for ultrafiltration of protein and visible light driven photocatalytic pharmaceutical removal. <i>Separation and Purification Technology</i> , 2019, 212, 191-204.	3.9	77
68	Improving the Hydrophilicity of Polysulfone Membrane by the Addition of Imidazol with Polyvinyl Pyrrolidone for Crystal Violet Dye Removal. , 2019, , 395-407.		0
69	Uses of Ceramic Membrane-Based Technology for the Clarification of Mosambi, Pineapple and Orange Juice. <i>Materials Horizons</i> , 2019, , 459-483.	0.3	2
70	Treatment of Coal Industry Effluents. , 2019, , 241-256.		0
71	House hold unit for the treatment of fluoride, iron, arsenic and microorganism contaminated drinking water. <i>Chemosphere</i> , 2018, 199, 728-736.	4.2	39
72	Green synthesized iron nanoparticles supported on pH responsive polymeric membrane for nitrobenzene reduction and fluoride rejection study: Optimization approach. <i>Journal of Cleaner Production</i> , 2018, 170, 1111-1123.	4.6	57

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73	Fe ₃ O ₄ promoted metal organic framework MIL-100(Fe) for the controlled release of doxorubicin hydrochloride. <i>Microporous and Mesoporous Materials</i> , 2018, 259, 203-210.	2.2	64
74	Adsorption of Dyes. <i>Green Chemistry and Sustainable Technology</i> , 2018, , 49-98.	0.4	8
75	Electrocoagulation. <i>Green Chemistry and Sustainable Technology</i> , 2018, , 289-312.	0.4	0
76	Emulsion Liquid Membrane. <i>Green Chemistry and Sustainable Technology</i> , 2018, , 313-323.	0.4	5
77	Temperature-Responsive Membranes. <i>Interface Science and Technology</i> , 2018, 25, 67-113.	1.6	6
78	pH-Responsive Membranes. <i>Interface Science and Technology</i> , 2018, , 39-66.	1.6	12
79	Photoresponsive Membranes. <i>Interface Science and Technology</i> , 2018, , 115-144.	1.6	11
80	Biologically Responsive Membranes. <i>Interface Science and Technology</i> , 2018, 25, 145-171.	1.6	8
81	Electric Field-Responsive Membranes. <i>Interface Science and Technology</i> , 2018, , 173-191.	1.6	7
82	Magnetic-Responsive Membranes. <i>Interface Science and Technology</i> , 2018, , 193-219.	1.6	8
83	Ultrasound-Responsive Membranes. <i>Interface Science and Technology</i> , 2018, 25, 221-237.	1.6	2
84	Introduction to Membranes. <i>Interface Science and Technology</i> , 2018, 25, 1-37.	1.6	45
85	Ultrasound-assisted dispersive micro-solid-phase extraction using hydrophobic thiolated ionic liquids immobilized on gold nanoparticles for the preconcentration and determination of amino acids in human plasma samples. <i>Separation Science Plus</i> , 2018, 1, 419-429.	0.3	5
86	Advances in Dye Removal Technologies. <i>Green Chemistry and Sustainable Technology</i> , 2018, , .	0.4	32
87	Micellar-Enhanced Ultrafiltration (MEUF). <i>Green Chemistry and Sustainable Technology</i> , 2018, , 227-256.	0.4	0
88	Nanofiltration of Dyes. <i>Green Chemistry and Sustainable Technology</i> , 2018, , 153-197.	0.4	0
89	Hybrid Treatment Method of Industrial Effluent. <i>Green Chemistry and Sustainable Technology</i> , 2018, , 199-225.	0.4	1
90	Cloud Point Extraction. <i>Green Chemistry and Sustainable Technology</i> , 2018, , 257-288.	0.4	0

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91	Ultrasonic assisted dispersive solid-phase microextraction of Eriochrome Cyanine R from water sample on ultrasonically synthesized lead (II) dioxide nanoparticles loaded on activated carbon: Experimental design methodology. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 317-324.	3.8	29
92	Green synthesized iron nanoparticle-embedded pH-responsive PVDF-co-HFP membranes: Optimization study for NPs preparation and nitrobenzene reduction. <i>Separation Science and Technology</i> , 2017, 52, 2338-2355.	1.3	14
93	Simultaneous removal of dyes onto nanowires adsorbent use of ultrasound assisted adsorption to clean waste water: Chemometrics for modeling and optimization, multicomponent adsorption and kinetic study. <i>Chemical Engineering Research and Design</i> , 2017, 124, 222-237.	2.7	103
94	Effect of Polyethylene glycol methyl ether blend Humic acid on poly (vinylidene) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 627 Td (fluoride-c with optimization approach. <i>Polymer Testing</i> , 2017, 61, 162-176.	2.3	28
95	Role of poly(2â€acrylamidoâ€2â€methylâ€1â€propanesulfonic acid) in the modification of polysulfone membranes for ultrafiltration. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45290.	1.3	24
96	Novel synthesis of nanocomposite for the extraction of Sildenafil Citrate (Viagra) from water and urine samples: Process screening and optimization. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 463-472.	3.8	79
97	Highly efficient simultaneous biosorption of Hg 2+ , Pb 2+ and Cu 2+ by Live yeast <i>Yarrowia lipolytica</i> 70562 following response surface methodology optimization: Kinetic and isotherm study. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 48, 162-172.	2.9	79
98	Ultrasonic assisted removal of methylene blue on ultrasonically synthesized zinc hydroxide nanoparticles on activated carbon prepared from wood of cherry tree: Experimental design methodology and artificial neural network. <i>Journal of Molecular Liquids</i> , 2017, 229, 114-124.	2.3	79
99	Evaluation of mPEG effect on the hydrophilicity and antifouling nature of the PVDF-co-HFP flat sheet polymeric membranes for humic acid removal. <i>Journal of Water Process Engineering</i> , 2016, 14, 9-18.	2.6	27
100	Novel strategy for synthesis of magnetic dummy molecularly imprinted nanoparticles based on functionalized silica as an efficient sorbent for the determination of acrylamide in potato chips: Optimization by experimental design methodology. <i>Talanta</i> , 2016, 154, 526-532.	2.9	186
101	Concurrent electrochemical CO ₂ reduction to HCOOH and methylene blue removal on metal electrodes. <i>RSC Advances</i> , 2016, 6, 40916-40922.	1.7	8
102	Adsorption of naphthalene onto high-surface-area nanoparticle loaded activated carbon by high performance liquid chromatography: response surface methodology, isotherm and kinetic study. <i>RSC Advances</i> , 2016, 6, 54322-54330.	1.7	19
103	Simultaneous CO ₂ Reduction and Dye (Crystal Violet) Removal Electrochemically on Sn and Zn Electrocatalysts Using Co ₃ O ₄ Anode. <i>Energy & Fuels</i> , 2016, 30, 3340-3346.	2.5	15
104	Preparation and characterization of hydrotalcite-like materials from flyash for transesterification. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 529-540.	2.1	18
105	Application of artificial neural network and response surface methodology for the removal of crystal violet by zinc oxide nanorods loaded on activate carbon: kinetics and equilibrium study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 59, 210-220.	2.7	122
106	Kinetic and isotherm study of Sudan black B removal. <i>Toxicology and Industrial Health</i> , 2016, 32, 1891-1901.	0.6	0
107	Racemic and enantiomeric effect of tartaric acid on the hydrophilicity of polysulfone membrane. <i>Membrane Water Treatment</i> , 2016, 7, 257-275.	0.5	1
108	Preparation of hydrophilic polysulfone membrane using polyacrylic acid with polyvinyl pyrrolidone. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	17

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109	Artificial Neural Network (ANN) Method for Modeling of Sunset Yellow Dye Adsorption Using Nickel Sulfide Nanoparticle Loaded on Activated Carbon: Kinetic and Isotherm Study. <i>Journal of Dispersion Science and Technology</i> , 2015, 36, 1339-1348.	1.3	21
110	Preparation of a novel thermo responsive PSF membrane, with cross linked PVCL-co-PSF copolymer for protein separation and easy cleaning. <i>RSC Advances</i> , 2015, 5, 22609-22619.	1.7	36
111	Use of CS-PAA nanoparticles as an alternative to metal oxide nanoparticles and their effect on fouling mitigation of a PSF ultrafiltration membrane. <i>RSC Advances</i> , 2015, 5, 66109-66121.	1.7	18
112	Electrochemical reduction of CO ₂ to HCOOH on a synthesized Sn electrocatalyst using a Co ₃ O ₄ anode. <i>RSC Advances</i> , 2015, 5, 68551-68557.	1.7	18
113	Electrochemical reduction of CO ₂ to HCOOH using zinc and cobalt oxide as electrocatalysts. <i>New Journal of Chemistry</i> , 2015, 39, 7348-7354.	1.4	32
114	Ultrasonic assisted removal of sunset yellow from aqueous solution by zinc hydroxide nanoparticle loaded activated carbon: Optimized experimental design. <i>Materials Science and Engineering C</i> , 2015, 52, 82-89.	3.8	34
115	Selective preparation of zeolite X and A from flyash and its use as catalyst for biodiesel production. <i>Journal of Hazardous Materials</i> , 2015, 297, 101-111.	6.5	98
116	Synthesis of Pb ₂ O electrocatalyst and its application in the electrochemical reduction of CO ₂ to HCOOH in various electrolytes. <i>RSC Advances</i> , 2015, 5, 40414-40421.	1.7	30
117	Rapid removal of Auramine-O and Methylene blue by ZnS:Cu nanoparticles loaded on activated carbon: A response surface methodology approach. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 53, 80-91.	2.7	136
118	Electrochemical Studies for CO ₂ Reduction Using Synthesized Co ₃ O ₄ (Anode) and Cu ₂ O (Cathode) as Electrocatalysts. <i>Energy & Fuels</i> , 2015, 29, 6670-6677.	2.5	37
119	Simultaneous removal of methylene blue and Pb ²⁺ ions using ruthenium nanoparticle-loaded activated carbon: response surface methodology. <i>RSC Advances</i> , 2015, 5, 83427-83435.	1.7	83
120	Application of central composite design for simultaneous removal of methylene blue and Pb ²⁺ ions by walnut wood activated carbon. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 479-490.	2.0	149
121	Treatment of Colored Effluent using Surfactant Modified Bamboo Leaves Powder. <i>Separation Science and Technology</i> , 2014, 49, 221-231.	1.3	4
122	Simultaneous ultrasound-assisted removal of sunset yellow and erythrosine by ZnS:Ni nanoparticles loaded on activated carbon: Optimization by central composite design. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1441-1450.	3.8	77
123	Cross flow microfiltration of oil-water emulsions using kaolin based low cost ceramic membranes. <i>Desalination</i> , 2014, 341, 61-71.	4.0	85
124	Microfiltration of oil-water emulsions using low cost ceramic membranes prepared with the uniaxial dry compaction method. <i>Ceramics International</i> , 2014, 40, 1155-1164.	2.3	31
125	Preparation and characterization of low cost ceramic membranes for mosambi juice clarification. <i>Desalination</i> , 2013, 317, 32-40.	4.0	97
126	Evaluation of Surfactants for the Cost Effective Enhanced Oil Recovery of Assam Crude Oil Fields. <i>Petroleum Science and Technology</i> , 2013, 31, 755-762.	0.7	7

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127	Surface engineering characteristics of ultrasound assisted hypophosphite electroless plating baths. <i>Surface Engineering</i> , 2013, 29, 489-494.	1.1	8
128	Prediction of flux decline during membrane filtration of leather plant effluent. <i>International Journal of Environment and Waste Management</i> , 2012, 9, 123.	0.2	0
129	Arsenic adsorption using copper (II) oxide nanoparticles. <i>Chemical Engineering Research and Design</i> , 2012, 90, 1387-1396.	2.7	252
130	Effect of Ultrasound on the Performance of Nickel Hydrazine Electroless Plating Baths. <i>Materials and Manufacturing Processes</i> , 2012, 27, 201-206.	2.7	16
131	Performance characteristics of hydrothermal and sonication assisted electroless plating baths for nickel-ceramic composite membrane fabrication. <i>Desalination</i> , 2012, 284, 77-85.	4.0	12
132	Cadmium telluride nanoparticles loaded on activated carbon as adsorbent for removal of sunset yellow. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 90, 22-27.	2.0	84
133	Manufacture of Nickel-Ceramic Composite Membranes in Agitated Electroless Plating Baths. <i>Materials and Manufacturing Processes</i> , 2011, 26, 862-867.	2.7	30
134	Cross-Flow Microfiltration of Industrial Oily Wastewater: Experimental and Theoretical Consideration. <i>Separation Science and Technology</i> , 2011, 46, 1213-1223.	1.3	78
135	A novel acorn based adsorbent for the removal of brilliant green. <i>Desalination</i> , 2011, 281, 226-233.	4.0	154
136	Effect of process parameters on electroless plating and nickel-ceramic composite membrane characteristics. <i>Desalination</i> , 2011, 268, 195-203.	4.0	71
137	Nickel-ceramic composite membranes: Optimization of hydrazine based electroless plating process parameters. <i>Desalination</i> , 2011, 275, 243-251.	4.0	9
138	Combinatorial performance characteristics of agitated nickel hypophosphite electroless plating baths. <i>Journal of Materials Processing Technology</i> , 2011, 211, 1488-1499.	3.1	22
139	Cloud Point Extraction of Nitrobenzene using TX-100. <i>Separation Science and Technology</i> , 2011, 46, 744-753.	1.3	8
140	Kinetic and Equilibrium Study for the Fluoride Adsorption using Pyrophyllite. <i>Separation Science and Technology</i> , 2011, 46, 1797-1807.	1.3	72
141	Treatment of oily wastewater using low cost ceramic membrane: Comparative assessment of pore blocking and artificial neural network models. <i>Chemical Engineering Research and Design</i> , 2010, 88, 881-892.	2.7	140
142	Microfiltration of stable oil-in-water emulsions using kaolinbased ceramic membrane and evaluation of fouling mechanism. <i>Desalination and Water Treatment</i> , 2010, 22, 133-145.	1.0	7
143	Preparation and Characterizations of Ceramic Microfiltration Membrane: Effect of Inorganic Precursors on Membrane Morphology. <i>Separation Science and Technology</i> , 2010, 46, 33-45.	1.3	23
144	Adsorption characteristics of brilliant green dye on kaolin. <i>Journal of Hazardous Materials</i> , 2009, 161, 387-395.	6.5	510

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145	Oxidative desulfurization: Kinetic modelling. <i>Journal of Hazardous Materials</i> , 2009, 161, 1360-1368.	6.5	30
146	Removal of cationic dyes from aqueous solutions by kaolin: Kinetic and equilibrium studies. <i>Applied Clay Science</i> , 2009, 42, 583-590.	2.6	390
147	Treatment of Oily Waste Water Using Low-Cost Ceramic Membrane: Flux Decline Mechanism and Economic Feasibility. <i>Separation Science and Technology</i> , 2009, 44, 2840-2869.	1.3	72
148	Effect of molecular weight of PEG on membrane morphology and transport properties. <i>Journal of Membrane Science</i> , 2008, 309, 209-221.	4.1	386
149	SEM analysis and gas permeability test to characterize polysulfone membrane prepared with polyethylene glycol as additive. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 245-253.	5.0	63
150	Preparation, characterization and performance studies of polysulfone membranes using PVP as an additive. <i>Journal of Membrane Science</i> , 2008, 315, 36-47.	4.1	313
151	Ultrafiltration of stable oil-in-water emulsion by polysulfone membrane. <i>Journal of Membrane Science</i> , 2008, 325, 427-437.	4.1	443
152	Removal of Fe(II) from tap water by electrocoagulation technique. <i>Journal of Hazardous Materials</i> , 2008, 155, 135-143.	6.5	186
153	Precipitation of cetyl (hexadecyl) pyridinium chloride using mono and divalent oxyanions. <i>Journal of Hazardous Materials</i> , 2008, 160, 502-507.	6.5	3
154	Kinetic and Equilibrium Studies on the Adsorption of Crystal Violet Dye using Kaolin as an Adsorbent. <i>Separation Science and Technology</i> , 2008, 43, 1382-1403.	1.3	102
155	Treatment of fluoride containing drinking water by electrocoagulation using monopolar and bipolar electrode connections. <i>Chemosphere</i> , 2008, 73, 1393-1400.	4.2	181
156	Preparation and characterization of low cost ceramic membranes for micro-filtration applications. <i>Applied Clay Science</i> , 2008, 42, 102-110.	2.6	234
157	Removal of congo red using activated carbon and its regeneration. <i>Journal of Hazardous Materials</i> , 2007, 145, 287-295.	6.5	502
158	Micellar enhanced ultrafiltration of eosin dye using hexadecyl pyridinium chloride. <i>Journal of Hazardous Materials</i> , 2006, 136, 972-977.	6.5	67
159	Performance of TX-100 and TX-114 for the separation of chrysoidine dye using cloud point extraction. <i>Journal of Hazardous Materials</i> , 2006, 137, 827-835.	6.5	75
160	Treatment of Leather Plant Effluent by Membrane Separation Processes. <i>Separation Science and Technology</i> , 2006, 41, 3329-3348.	1.3	16
161	Adsorption of eosin dye on activated carbon and its surfactant based desorption. <i>Journal of Environmental Management</i> , 2005, 76, 135-142.	3.8	114
162	Micellar enhanced ultrafiltration of phenolic derivatives from their mixtures. <i>Journal of Colloid and Interface Science</i> , 2005, 285, 395-402.	5.0	61

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163	Simultaneous Separation of Two Oxyanions from Their Mixture Using Micellar Enhanced Ultrafiltration. Separation Science and Technology, 2005, 40, 1439-1460.	1.3	9
164	Adsorption Behavior of Chrysoidine Dye on Activated Charcoal and Its Regeneration Characteristics by Using Different Surfactants. Separation Science and Technology, 2005, 39, 2419-2440.	1.3	58
165	Cloud point extraction of toxic eosin dye using Triton X-100 as nonionic surfactant. Water Research, 2005, 39, 3885-3890.	5.3	82
166	Resistance in series model for micellar enhanced ultrafiltration of eosin dye. Journal of Colloid and Interface Science, 2004, 270, 496-506.	5.0	113