

# Ruey-Shin Juang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5446116/publications.pdf>

Version: 2024-02-01

368  
papers

23,717  
citations

11908

72  
h-index

11946

139  
g-index

369  
all docs

369  
docs citations

369  
times ranked

23398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous cellulose acetate mixed-matrix membrane adsorbents for efficient clearance of p-cresol and creatinine from synthetic serum. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 133, 104199.	2.7	6
2	Experimental verification on real-time fouling analysis in crossflow UF of protein solutions by electrical impedance spectroscopy. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 133, 104197.	2.7	4
3	Oxygen reduction reactions from boron-doped graphene quantum dot catalyst electrodes in acidic and alkaline electrolytes. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 133, 104196.	2.7	7
4	Synthesis and characterization of high-performance ZnO/graphene quantum dot composites for photocatalytic degradation of metronidazole. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 131, 104180.	2.7	17
5	Nonsolvent-induced phase separation preparation of porous TOPO-mixed polyethersulfone membranes for selective clearance of p-cresol from simulated serum. <i>Separation and Purification Technology</i> , 2022, 290, 120911.	3.9	6
6	Fabrication of in situ magnetic capturing and Raman enhancing nanoplatelets for detection of bacteria and biomolecules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129189.	2.3	5
7	Improvement on high-temperature electrochemical performance of lithium-ion pouch cells by spatial atomic layer deposition. <i>Electrochimica Acta</i> , 2022, 423, 140605.	2.6	3
8	Surface engineering of 3D spinel Zn <sub>3</sub> V <sub>2</sub> O <sub>8</sub> wrapped on sulfur doped graphitic nitride composites: Investigation on the dual role of electrocatalyst for simultaneous detection of antibiotic drugs in biological fluids. <i>Composites Part B: Engineering</i> , 2022, 242, 110017.	5.9	28
9	Revisiting temperature effect on the kinetics of liquid phase adsorption by the Elovich equation: A simple tool for checking data reliability. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 136, 104403.	2.7	21
10	SARS-CoV-2 coronavirus in water and wastewater: A critical review about presence and concern. <i>Environmental Research</i> , 2021, 193, 110265.	3.7	150
11	Roll-to-roll atomic layer deposition of titania coating on polymeric separators for lithium ion batteries. <i>Journal of Power Sources</i> , 2021, 482, 228896.	4.0	45
12	Enhanced and selective adsorption of urea and creatinine on amine-functionalized mesoporous silica SBA-15 via hydrogen bonding. <i>Microporous and Mesoporous Materials</i> , 2021, 311, 110733.	2.2	26
13	Electrocatalytic Oxidation of Glucose on Boron and Nitrogen Codoped Graphene Quantum Dot Electrodes in Alkali Media. <i>Catalysts</i> , 2021, 11, 101.	1.6	15
14	Efficient removal of antibiotic oxytetracycline from water by Fenton-like reactions using reduced graphene oxide-supported bimetallic Pd/nZVI nanocomposites. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 119, 80-89.	2.7	51
15	Highly fluorescent green and red emissions from boron-doped graphene quantum dots under blue light illumination. <i>Carbon</i> , 2021, 176, 61-70.	5.4	33
16	Feasibility Assessment of Parathyroid Hormone Adsorption by Using Polysaccharide-Based Multilayer Film Systems. <i>Polymers</i> , 2021, 13, 2070.	2.0	2
17	N-Doped Carbon Quantum Dots as Fluorescent Bioimaging Agents. <i>Crystals</i> , 2021, 11, 789.	1.0	13
18	Ultrasound-assisted synthesis of barium tungstate encapsulated carbon nanofiber composite for real-time sensing of p-cresol in human urine samples. <i>Microchemical Journal</i> , 2021, 166, 106239.	2.3	13

#	ARTICLE	IF	CITATIONS
19	Optimization of vanadium(V) extraction by 2-ethyl-1-hexanol and the study of extraction reaction mechanism. <i>Minerals Engineering</i> , 2021, 170, 106984.	1.8	3
20	Experimental verification on stability analysis of supported-liquid-membrane separation of metal ions by in-situ electrical impedance spectroscopy. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 128, 1-10.	2.7	4
21	Facile synthesis of chitosan-carbon nanofiber composite supported copper nanoparticles for electrochemical sensing of carbendazim. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126934.	2.3	30
22	Design and fabrication of electrospun mixed-matrix multi-layered membranes containing tri-n-octylphosphine oxide for efficient adsorption of p-cresol. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 127192.	2.3	1
23	Simultaneous and sensitive determination of uric acid and p-cresol in human urine samples based on activated graphite-supported gadolinium hydroxide. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 127, 7-16.	2.7	8
24	Improved stability of a supported liquid membrane process via hydrophobic modification of PVDF support by plasma activation and chemical vapor deposition. <i>Separation and Purification Technology</i> , 2021, 277, 119615.	3.9	14
25	Improving high-temperature performance of lithium-rich cathode by roll-to-roll atomic layer deposition of titania nanocoating for lithium-ion batteries. <i>Journal of Energy Storage</i> , 2021, 44, 103348.	3.9	7
26	Thermodynamic parameters of liquid-liquid phase adsorption process calculated from different equilibrium constants related to adsorption isotherms: A comparison study. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106674.	3.3	139
27	Fluorescence of functionalized graphene quantum dots prepared from infrared-assisted pyrolysis of citric acid and urea. <i>Journal of Luminescence</i> , 2020, 217, 116774.	1.5	72
28	Enhanced removal of various dyes from aqueous solutions by UV and simulated solar photocatalysis over TiO <sub>2</sub> /ZnO/rGO composites. <i>Separation and Purification Technology</i> , 2020, 232, 115962.	3.9	182
29	Preparation of porous phosphine oxide-incorporated polymer membranes for selective removal of p-cresol from simulated serum: A preliminary study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 107, 1-14.	2.7	6
30	Preparation of polyaminated Fe <sub>3</sub> O <sub>4</sub> @chitosan core-shell magnetic nanoparticles for efficient adsorption of phosphate in aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 83, 235-246.	2.9	64
31	Adsorption process and mechanism of acetaminophen onto commercial activated carbon. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104408.	3.3	82
32	Immobilization of TiO <sub>2</sub> and TiO <sub>2</sub> -GO hybrids onto the surface of acrylic acid-grafted polymeric membranes for pollutant removal: Analysis of photocatalytic activity. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104422.	3.3	27
33	Roll-To-Roll Atomic Layer Deposition of Titania Nanocoating on Thermally Stabilizing Lithium Nickel Cobalt Manganese Oxide Cathodes for Lithium Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 10619-10631.	2.5	13
34	Surface coating of titania and graphene oxide onto plasma-activated polymer membranes as efficient photocatalysts for organics removal from water. <i>Journal of Water Process Engineering</i> , 2020, 37, 101488.	2.6	5
35	Highly luminescent aggregate-induced emission from polyethylene glycol-coated carbon quantum dot clusters under blue light illumination. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16569-16576.	2.7	25
36	Efficient removal of antibiotic oxytetracycline from water using optimized montmorillonite-supported zero-valent iron nanocomposites. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30853-30867.	2.7	20

#	ARTICLE	IF	CITATIONS
37	One-pot synthesis of bimetallic Pt/nZVI nanocomposites for enhanced removal of oxytetracycline: Roles of morphology changes and Pt catalysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 111, 130-140.	2.7	24
38	Non-enzymatic electrochemical detection of hydrogen peroxide on highly amidized graphene quantum dot electrodes. <i>Applied Surface Science</i> , 2020, 528, 146936.	3.1	22
39	Adsorption removal of tetracycline from water using poly(vinylidene fluoride) (PVDF)/graphene quantum dot (GQD) composite. <i>Journal of Chemical Engineers</i> , 2020, 112, 259-270.	2.7	32
40	Electrochemical sensing of mercury ions in electrolyte solutions by nitrogen-doped graphene quantum dot electrodes at ultralow concentrations. <i>Journal of Molecular Liquids</i> , 2020, 302, 112593.	2.3	27
41	Polyethylene Glycol6000/carbon Nanodots as Fluorescent Bioimaging Agents. <i>Nanomaterials</i> , 2020, 10, 677.	1.9	23
42	Roles of adsorption and photocatalysis in removing organic pollutants from water by activated carbon-supported titania composites: Kinetic aspects. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 109, 51-61.	2.7	52
43	Silver nanoparticles embedded on mesoporous-silica modified reduced graphene-oxide nanosheets for SERS detection of uremic toxins and parathyroid hormone. <i>Applied Surface Science</i> , 2020, 521, 146372.	3.1	25
44	Adsorptive removal of p-cresol and creatinine from simulated serum using porous polyethersulfone mixed-matrix membranes. <i>Separation and Purification Technology</i> , 2020, 245, 116884.	3.9	22
45	Fabrication of Magnetic Fe <sub>3</sub> O <sub>4</sub> Nanoparticles with Unidirectional Extension Pattern by a Facile and Eco-Friendly Microwave-Assisted Solvothermal Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7645-7653.	0.9	8
46	Formulation and characterization of multifunctional polymer modified-iron oxide magnetic nanocarrier for doxorubicin delivery. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 104, 260-272.	2.7	11
47	Carbon Nanotube/Conducting Polymer Hybrid Nanofibers as Novel Organic Bioelectronic Interfaces for Efficient Removal of Protein-Bound Uremic Toxins. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 43843-43856.	4.0	40
48	Hybridizing Ag-Doped ZnO nanoparticles with graphite as potential photocatalysts for enhanced removal of metronidazole antibiotic from water. <i>Journal of Environmental Management</i> , 2019, 252, 109611.	3.8	52
49	Floating SERS substrates of silver nanoparticles-graphene based nanosheets for rapid detection of biomolecules and clinical uremic toxins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 576, 36-42.	2.3	30
50	Removal of various contaminants from water by renewable lignocellulose-derived biosorbents: a comprehensive and critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 2155-2219.	6.6	69
51	Alumina nanocoating of polymer separators for enhanced thermal and electrochemical performance of Li-ion batteries. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2019, 14, e2335.	0.8	5
52	Highly efficient carbon quantum dot suspensions and membranes for sensitive/selective detection and adsorption/recovery of mercury ions from aqueous solutions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 100, 127-136.	2.7	33
53	Recent Advances and Perspectives of Carbon-Based Nanostructures as Anode Materials for Li-ion Batteries. <i>Materials</i> , 2019, 12, 1229.	1.3	102
54	Removal of metronidazole and amoxicillin mixtures by UV/TiO <sub>2</sub> photocatalysis: an insight into degradation pathways and performance improvement. <i>Environmental Science and Pollution Research</i> , 2019, 26, 11846-11855.	2.7	33

#	ARTICLE	IF	CITATIONS
55	Efficient removal of cationic dyes from water by a combined adsorption-photocatalysis process using platinum-doped titanate nanomaterials. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 99, 166-179.	2.7	53
56	Efficient removal of methylene blue dye by a hybrid adsorption-photocatalysis process using reduced graphene oxide/titanate nanotube composites for water reuse. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 296-309.	2.9	86
57	Effects of water matrix components on degradation efficiency and pathways of antibiotic metronidazole by UV/TiO <sub>2</sub> photocatalysis. <i>Journal of Molecular Liquids</i> , 2019, 276, 32-38.	2.3	63
58	Sulfur and Nitrogen Co-Doped Graphene Quantum Dots as a Fluorescent Quenching Probe for Highly Sensitive Detection toward Mercury Ions. <i>ACS Applied Nano Materials</i> , 2019, 2, 790-798.	2.4	80
59	Functionalization of activated carbons with magnetic Iron oxide nanoparticles for removal of copper ions from aqueous solution. <i>Journal of Molecular Liquids</i> , 2019, 277, 499-505.	2.3	44
60	Non-Enzymatic Electrochemical Detection of Mercury Ions on Graphene Quantum Dot-Based Electrodes. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
61	Recent advances and perspectives on capture and concentration of label-free rare cells for biomedical science and engineering research. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 85, 40-55.	2.7	2
62	Clearance of low molecular-weight uremic toxins p-cresol, creatinine, and urea from simulated serum by adsorption. <i>Journal of Molecular Liquids</i> , 2018, 252, 203-210.	2.3	47
63	Synthesis of magnetic Fe <sub>3</sub> O <sub>4</sub> /activated carbon nanocomposites with high surface area as recoverable adsorbents. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 90, 51-60.	2.7	81
64	Co-precipitation of magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles onto carbon nanotubes for removal of copper ions from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 82, 56-63.	2.7	65
65	Preparation of magnetically recoverable mesoporous silica nanocomposites for effective adsorption of urea in simulated serum. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 91, 22-31.	2.7	17
66	Fabrication of magnetic iron Oxide@Graphene composites for adsorption of copper ions from aqueous solutions. <i>Materials Chemistry and Physics</i> , 2018, 219, 30-39.	2.0	37
67	Removal of metronidazole by TiO <sub>2</sub> and ZnO photocatalysis: a comprehensive comparison of process optimization and transformation products. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28285-28295.	2.7	32
68	Degradation of methylene blue and methyl orange by palladium-doped TiO <sub>2</sub> photocatalysis for water reuse: Efficiency and degradation pathways. <i>Journal of Cleaner Production</i> , 2018, 202, 413-427.	4.6	403
69	Enhanced Thermal Resistance and Electrochemical Performance of the Trilayered PP/PE/PP Separators Using Alumina Coating for Lithium-Ion Batteries. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
70	Microwave synthesis of copper catalysts onto reduced graphene oxide sheets for non-enzymatic glucose oxidation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 71, 77-83.	2.7	18
71	Surface modifications of carbonaceous materials for carbon dioxide adsorption: A review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 71, 214-234.	2.7	107
72	Poly(3,4-ethylenedioxythiophene)-Based Nanofiber Mats as an Organic Bioelectronic Platform for Programming Multiple Capture/Release Cycles of Circulating Tumor Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 30329-30342.	4.0	39

#	ARTICLE	IF	CITATIONS
73	Solvent extraction and selective separation of vanadium (V) from an acidic sulfate solution using 2-Ethyl-1-Hexanol. Separation and Purification Technology, 2017, 188, 358-366.	3.9	13
74	Synthesis of Carbon Dots on Fe <sub>3</sub> O <sub>4</sub> Nanoparticles as Recyclable Visible-Light Photocatalysts. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	8
75	Sol-gel deposition of silica nanospheres onto polymeric separators for improved performance of Li-ion batteries. Journal of the Taiwan Institute of Chemical Engineers, 2017, 81, 199-205.	2.7	9
76	Synthesis of magnetic iron oxide nanoparticles onto fluorinated carbon fabrics for contaminant removal and oil-water separation. Separation and Purification Technology, 2017, 174, 312-319.	3.9	48
77	Enhanced CO <sub>2</sub> Adsorption on Activated Carbon Fibers Grafted with Nitrogen-Doped Carbon Nanotubes. Materials, 2017, 10, 511.	1.3	41
78	Enhanced adsorption and photodegradation of phenol in aqueous suspensions of titania/graphene oxide composite catalysts. Journal of the Taiwan Institute of Chemical Engineers, 2016, 67, 338-345.	2.7	64
79	Biosorption and biodegradation of a sulfur dye in high-strength dyeing wastewater by Acidithiobacillus thiooxidans. Journal of Environmental Management, 2016, 182, 265-271.	3.8	45
80	Effective removal of sulfur dyes from water by biosorption and subsequent immobilized laccase degradation on crosslinked chitosan beads. Chemical Engineering Journal, 2016, 304, 313-324.	6.6	101
81	Surface hydrophilic modifications on polypropylene membranes by remote methane/oxygen mixture plasma discharges. Journal of the Taiwan Institute of Chemical Engineers, 2016, 65, 420-426.	2.7	22
82	Hierarchical oil-water separation membrane using carbon fabrics decorated with carbon nanotubes. Surface and Coatings Technology, 2016, 286, 148-154.	2.2	47
83	Enhanced sensing ability of fluorescent chemosensors with triphenylamine-functionalized conjugated polyfluorene. Sensors and Actuators B: Chemical, 2016, 231, 399-411.	4.0	11
84	Substituent effects on photodegradation of phenols in binary mixtures by hybrid H <sub>2</sub> O <sub>2</sub> and TiO <sub>2</sub> suspensions under UV irradiation. Journal of the Taiwan Institute of Chemical Engineers, 2016, 62, 68-75.	2.7	48
85	Synergistic biosorption between phenol and nickel(II) from Binary mixtures on chemically and biologically modified chitosan beads. Chemical Engineering Journal, 2016, 286, 68-75.	6.6	30
86	Treatment of 2-Cresol/4-chlorophenol binary mixtures in aqueous solutions by TiO <sub>2</sub> photocatalysis under UV irradiation. Desalination and Water Treatment, 2016, 57, 6820-6828.	1.0	6
87	Modification of crosslinked chitosan beads with histidine and Saccharomyces cerevisiae for enhanced Ni(II) biosorption. Journal of the Taiwan Institute of Chemical Engineers, 2015, 56, 96-102.	2.7	26
88	Size-controlled platinum nanoparticles prepared by modified-version atomic layer deposition for ethanol oxidation. Journal of Power Sources, 2015, 275, 845-851.	4.0	24
89	Microwave synthesis of copper network onto lithium iron phosphate cathode materials for improved electrochemical performance. Materials Chemistry and Physics, 2015, 153, 103-109.	2.0	7
90	Synthesis, photochemical properties, and self-assembly of diblock copolymer bearing azobenzene moieties. Journal of the Taiwan Institute of Chemical Engineers, 2015, 54, 155-164.	2.7	1

#	ARTICLE	IF	CITATIONS
91	Improved biosorption of phenol using crosslinked chitosan beads after modification with histidine and <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 614-621.	1.4	6
92	Cyclonic plasma activation on microporous poly(vinylidene fluoride) membranes for improving surface hydrophilicity. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 54, 76-82.	2.7	11
93	Synthesis and chemosensory properties of terpyridine-containing diblock polycarbazole through RAFT polymerization. <i>Reactive and Functional Polymers</i> , 2015, 93, 130-137.	2.0	10
94	Applications of a lipopeptide biosurfactant, surfactin, produced by microorganisms. <i>Biochemical Engineering Journal</i> , 2015, 103, 158-169.	1.8	189
95	Accessible mixotrophic growth of denitrifying sulfide removal consortium. <i>Bioresource Technology</i> , 2015, 185, 362-367.	4.8	8
96	Microwave-assisted synthesis of titania coating onto polymeric separators for improved lithium-ion battery performance. <i>Journal of Power Sources</i> , 2015, 286, 526-533.	4.0	60
97	Photocatalytic degradation of p-chlorophenol by hybrid H <sub>2</sub> O <sub>2</sub> and TiO <sub>2</sub> in aqueous suspensions under UV irradiation. <i>Journal of Environmental Management</i> , 2015, 147, 271-277.	3.8	83
98	Adsorption of CO <sub>2</sub> at atmospheric pressure on activated carbons prepared from melamine-modified phenol-formaldehyde resins. <i>Separation and Purification Technology</i> , 2015, 140, 53-60.	3.9	70
99	Tailoring Surface Properties of Nonwoven Polypropylene by Cyclonic Atmospheric Pressure Plasma. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3668-3673.	0.6	1
100	Surface Characterization of Argon/Methane Mixture Atmospheric-Pressure Plasma-Treated Filtration Poly(Vinylidene Fluoride) Membrane and Its Flux Enhancement. <i>IEEE Transactions on Plasma Science</i> , 2014, 42, 3698-3702.	0.6	7
101	Adsorptive recovery and purification of prodigiosin from methanol/water solutions of <i>Serratia marcescens</i> fermentation broth. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 159-168.	1.4	16
102	Comparative study on photocatalytic degradation of methomyl and parathion over UV-irradiated TiO <sub>2</sub> particles in aqueous solutions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 989-995.	2.7	34
103	A convenient method to determine kinetic parameters of adsorption processes by nonlinear regression of pseudo-nth-order equation. <i>Chemical Engineering Journal</i> , 2014, 237, 153-161.	6.6	98
104	Low-pressure ethane/nitrogen gas mixture plasma surface modification effect on the wetting and electrochemical performance of polymeric separator for lithium-ion batteries. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 3046-3051.	2.7	10
105	Use of refuse-derived fuel waste for the adsorption of 4-chlorophenol and dyes from aqueous solution: Equilibrium and kinetics. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 2628-2639.	2.7	26
106	Surface modification of PVDF ultrafiltration membranes by remote argon/methane gas mixture plasma for fouling reduction. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 2176-2186.	2.7	23
107	Description of gas adsorption isotherms on activated carbons with heterogeneous micropores using the Dubinin-Astakhov equation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 1757-1763.	2.7	11
108	Electrochemical performance of lithium iron phosphate cathodes at various temperatures. <i>Electrochimica Acta</i> , 2014, 115, 96-102.	2.6	29

#	ARTICLE	IF	CITATIONS
109	Production of hexaoligochitin from colloidal chitin using a chitinase from <i>Aeromonas schubertii</i> . <i>International Journal of Biological Macromolecules</i> , 2014, 69, 59-63.	3.6	20
110	Surface modification of polytetrafluoroethylene membranes by radio frequency methane/nitrogen mixture plasma polymerization. <i>Surface and Coatings Technology</i> , 2013, 231, 42-46.	2.2	12
111	Optimization of recombinant hexaoligochitin-producing chitinase production with response surface methodology. <i>International Journal of Biological Macromolecules</i> , 2013, 62, 518-522.	3.6	17
112	Kinetic characteristics of biodegradation of methyl orange by <i>Pseudomonas putida</i> mt2 in suspended and immobilized cell systems. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 780-785.	2.7	18
113	Treatment of waters and wastewaters containing sulfur dyes: A review. <i>Chemical Engineering Journal</i> , 2013, 219, 109-117.	6.6	227
114	A novel approach to characterizing liquid-phase adsorption on highly porous activated carbons using the Toth equation. <i>Chemical Engineering Journal</i> , 2013, 221, 373-381.	6.6	23
115	Tailoring Surface Properties of Polymeric Separators for Lithium-Ion Batteries by 13.56 MHz Radio-Frequency Plasma Glow Discharge. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 11NM07.	0.8	4
116	Synthesis and Electrochemical Performance of SnO <sub>2</sub> /Graphene Hybrid Anode for Lithium Ion Batteries. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1540, 4001.	0.1	0
117	Tailoring Surface Properties of Polymeric Separators for Lithium-Ion Batteries by Cyclonic Atmospheric-Pressure Plasma. <i>Plasma Processes and Polymers</i> , 2013, 10, 407-415.	1.6	26
118	Electrospun Microfibrous Membranes with Atmospheric-Pressure Plasma Surface Modification for the Application in Dye-Sensitized Solar Cells. <i>Plasma Processes and Polymers</i> , 2013, 10, 938-947.	1.6	15
119	Improvement of rate capability of spinel lithium titanate anodes using microwave-assisted zinc nanocoating. <i>Journal of Alloys and Compounds</i> , 2012, 513, 393-398.	2.8	34
120	Ultrafiltration of Coagulation-Pretreated <i>Serratia marcescens</i> Fermentation Broth: Flux Characteristics and Prodigiosin Recovery. <i>Separation Science and Technology</i> , 2012, 47, 1849-1856.	1.3	10
121	Recovery and separation of surfactin from pretreated <i>Bacillus subtilis</i> broth by reverse micellar extraction. <i>Biochemical Engineering Journal</i> , 2012, 61, 78-83.	1.8	19
122	A simplified dynamic model for the removal of toxic organics in a two-phase partitioning bioreactor. <i>Separation and Purification Technology</i> , 2012, 90, 213-220.	3.9	13
123	Surface modification and characterization of an H <sub>2</sub> /O <sub>2</sub> plasma-treated polypropylene membrane. <i>Journal of Applied Polymer Science</i> , 2012, 124, E108.	1.3	10
124	Electrospun microfiber membrane with atmospheric pressure plasma modified surface/architecture as potential solar cell/biological applications. , 2011, , .		0
125	In situ monitoring of voltage and temperature in lithium batteries. , 2011, , .		1
126	Photocatalytic degradation of phenol on different phases of TiO <sub>2</sub> particles in aqueous suspensions under UV irradiation. <i>Journal of Environmental Management</i> , 2011, 92, 3098-3104.	3.8	64



#	ARTICLE	IF	CITATIONS
127	Biochemical and biomedical applications of multifunctional magnetic nanoparticles: a review. <i>Journal of Nanoparticle Research</i> , 2011, 13, 4411-4430.	0.8	117
128	Preparation of novel activated carbons from H <sub>2</sub> SO <sub>4</sub> -Pretreated corncob hulls with KOH activation for quick adsorption of dye and 4-chlorophenol. <i>Journal of Environmental Management</i> , 2011, 92, 708-713.	3.8	40
129	Half-life and half-capacity concentration approach for the adsorption of 2,4-dichlorophenol and methyl blue from water on activated carbons. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 312-319.	2.7	18
130	Surface Modification of Polypropylene Membrane by RF Methane/Oxygen Mixture Plasma Treatment. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 08KA02.	0.8	6
131	Photocatalytic degradation of reactive orange 16 dye over Au-doped TiO <sub>2</sub> in aqueous suspension. <i>International Journal of Materials Engineering Innovation</i> , 2011, 2, 96.	0.2	8
132	Separation and flux characteristics in cross-flow ultrafiltration of bovine serum albumin and bovine hemoglobin solutions. <i>Membrane Water Treatment</i> , 2011, 2, 91-103.	0.5	2
133	Surface Modification of Polypropylene Membrane by RF Methane/Oxygen Mixture Plasma Treatment. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 08KA02.	0.8	5
134	A review and experimental verification of using chitosan and its derivatives as adsorbents for selected heavy metals. <i>Journal of Environmental Management</i> , 2010, 91, 798-806.	3.8	264
135	Removal of binary azo dyes from water by UV-irradiated degradation in TiO <sub>2</sub> suspensions. <i>Journal of Hazardous Materials</i> , 2010, 182, 820-826.	6.5	62
136	Tailoring surface properties of cellulose acetate membranes by low-pressure plasma processing. <i>Journal of Applied Polymer Science</i> , 2010, 118, 3227-3235.	1.3	18
137	Kinetics of phenol removal from saline solutions by solvent extraction coupled with degradation in a two-phase partitioning bioreactor. <i>Separation and Purification Technology</i> , 2010, 71, 285-292.	3.9	30
138	Preparation of activated carbons from unburnt coal in bottom ash with KOH activation for liquid-phase adsorption. <i>Journal of Environmental Management</i> , 2010, 91, 1097-1102.	3.8	54
139	Kinetic studies on the adsorption of phenol, 4-chlorophenol, and 2,4-dichlorophenol from water using activated carbons. <i>Journal of Environmental Management</i> , 2010, 91, 2208-2214.	3.8	61
140	Experimental investigation of bio-removal of toxic organic pollutants from highly saline solutions in a triphasic system. <i>Journal of Hazardous Materials</i> , 2010, 178, 706-712.	6.5	9
141	Characteristics and applications of the Lagergren's first-order equation for adsorption kinetics. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2010, 41, 661-669.	2.7	165
142	Flux decline analysis in micellar-enhanced ultrafiltration of synthetic waste solutions for metal removal. <i>Chemical Engineering Journal</i> , 2010, 161, 19-26.	6.6	38
143	Estimation of the contribution of immobilized biofilm and suspended biomass to the biodegradation of phenol in membrane contactors. <i>Biochemical Engineering Journal</i> , 2009, 43, 122-128.	1.8	7
144	Characteristics of Elovich equation used for the analysis of adsorption kinetics in dye-chitosan systems. <i>Chemical Engineering Journal</i> , 2009, 150, 366-373.	6.6	713

#	ARTICLE	IF	CITATIONS
145	Characteristics of pseudo-second-order kinetic model for liquid-phase adsorption: A mini-review. <i>Chemical Engineering Journal</i> , 2009, 151, 1-9.	6.6	328
146	Direct purification of Burkholderia Pseudomallei lipase from fermentation broth using aqueous two-phase systems. <i>Biotechnology and Bioprocess Engineering</i> , 2009, 14, 811-818.	1.4	56
147	Adsorption of phenol and its derivatives from water using synthetic resins and low-cost natural adsorbents: A review. <i>Journal of Environmental Management</i> , 2009, 90, 1336-1349.	3.8	639
148	Structure and thermal stability of toxic chromium(VI) species doped onto TiO <sub>2</sub> powders through heat treatment. <i>Journal of Environmental Management</i> , 2009, 90, 1950-1955.	3.8	10
149	Treatment of phenol in synthetic saline wastewater by solvent extraction and two-phase membrane biodegradation. <i>Journal of Hazardous Materials</i> , 2009, 164, 46-52.	6.5	55
150	Initial behavior of intraparticle diffusion model used in the description of adsorption kinetics. <i>Chemical Engineering Journal</i> , 2009, 153, 1-8.	6.6	1,063
151	Adsorption of surfactants from water onto raw and HCl-activated clays in fixed beds. <i>Desalination</i> , 2009, 249, 116-122.	4.0	10
152	Use of membrane contactors as two-phase bioreactors for the removal of phenol in saline and acidic solutions. <i>Journal of Membrane Science</i> , 2008, 313, 207-216.	4.1	17
153	Purification of surfactin in pretreated fermentation broths by adsorptive removal of impurities. <i>Biochemical Engineering Journal</i> , 2008, 40, 452-459.	1.8	36
154	Applicability of the exponential time dependence of flux decline during dead-end ultrafiltration of binary protein solutions. <i>Chemical Engineering Journal</i> , 2008, 145, 211-217.	6.6	24
155	Recovery of surfactin from fermentation broths by a hybrid salting-out and membrane filtration process. <i>Separation and Purification Technology</i> , 2008, 59, 244-252.	3.9	50
156	Photocatalytic degradation of phenol and m-nitrophenol using irradiated TiO <sub>2</sub> in aqueous solutions. <i>Separation and Purification Technology</i> , 2008, 62, 559-564.	3.9	100
157	Membrane fouling and resistance analysis in dead-end ultrafiltration of Bacillus subtilis fermentation broths. <i>Separation and Purification Technology</i> , 2008, 63, 531-538.	3.9	56
158	Resistance-in-series analysis in cross-flow ultrafiltration of fermentation broths of Bacillus subtilis culture. <i>Journal of Membrane Science</i> , 2008, 323, 193-200.	4.1	54
159	Extraction of surfactin from fermentation broth with n-hexane in microporous PVDF hollow fibers: Significance of membrane adsorption. <i>Journal of Membrane Science</i> , 2008, 325, 599-604.	4.1	21
160	Flux decline and membrane cleaning in cross-flow ultrafiltration of treated fermentation broths for surfactin recovery. <i>Separation and Purification Technology</i> , 2008, 62, 47-55.	3.9	34
161	Experimental observations on the effect of added dispersing agent on phenol biodegradation in a microporous membrane bioreactor. <i>Journal of Hazardous Materials</i> , 2008, 151, 746-752.	6.5	13
162	Recovery and separation of surfactin from pretreated fermentation broths by physical and chemical extraction. <i>Biochemical Engineering Journal</i> , 2008, 38, 39-46.	1.8	53

#	ARTICLE	IF	CITATIONS
163	Removal of Cu(II) and Ni(II) from aqueous solutions using batch and fixed-bed ion exchange processes. <i>Desalination</i> , 2008, 225, 249-259.	4.0	66
164	Effect of operating parameters on the separation of proteins in aqueous solutions by dead-end ultrafiltration. <i>Desalination</i> , 2008, 234, 116-125.	4.0	23
165	Influence of operating parameters on photocatalytic degradation of phenol in UV/TiO <sub>2</sub> process. <i>Chemical Engineering Journal</i> , 2008, 139, 322-329.	6.6	267
166	Thermal inactivation and reactivity of $\beta$ -glucosidase immobilized on chitosan-clay composite. <i>International Journal of Biological Macromolecules</i> , 2008, 43, 48-53.	3.6	37
167	Phenol biodegradation by membrane-attached biofilm in hollow fiber modules. <i>Journal of Biotechnology</i> , 2008, 136, S673.	1.9	0
168	Mass transfer of sodium chloride in simulated crystallizing pond during the rainfall period. <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 39, 93-106.	1.6	0
169	Microbial degradation of phenol in high-salinity solutions in suspensions and hollow fiber membrane contactors. <i>Chemosphere</i> , 2007, 66, 191-198.	4.2	21
170	Stability and reactivity of acid phosphatase immobilized on composite beads of chitosan and ZrO <sub>2</sub> powders. <i>International Journal of Biological Macromolecules</i> , 2007, 40, 224-231.	3.6	16
171	Modeling extraction separation of Nd(III) and La(III) from nitrate media in hollow-fiber modules. <i>AIChE Journal</i> , 2007, 53, 561-571.	1.8	8
172	Use of chitosan-clay composite as immobilization support for improved activity and stability of $\beta$ -glucosidase. <i>Biochemical Engineering Journal</i> , 2007, 35, 93-98.	1.8	112
173	An overview of the structure and magnetism of spinel ferrite nanoparticles and their synthesis in microemulsions. <i>Chemical Engineering Journal</i> , 2007, 129, 51-65.	6.6	1,040
174	Ion-exchange kinetics of Cu(II) and Zn(II) from aqueous solutions with two chelating resins. <i>Chemical Engineering Journal</i> , 2007, 132, 205-213.	6.6	55
175	Photocatalytic degradation of phenol in aqueous solutions by Pr-doped TiO <sub>2</sub> nanoparticles. <i>Journal of Hazardous Materials</i> , 2007, 149, 1-7.	6.5	153
176	Role of alcohols in the formation of inverse microemulsions and back extraction of proteins/enzymes in a reverse micellar system. <i>Separation and Purification Technology</i> , 2007, 53, 199-215.	3.9	90
177	Separation of surfactin from fermentation broths by acid precipitation and two-stage dead-end ultrafiltration processes. <i>Journal of Membrane Science</i> , 2007, 299, 114-121.	4.1	65
178	Biofouling in Membrane Bioreactor. <i>Separation Science and Technology</i> , 2006, 41, 1345-1370.	1.3	100
179	Enhanced biodegradation of mixed phenol and sodium salicylate by <i>Pseudomonas putida</i> in membrane contactors. <i>Water Research</i> , 2006, 40, 3517-3526.	5.3	16
180	Effect of ultrasound on the separation of binary protein mixtures by cross-flow ultrafiltration. <i>Desalination</i> , 2006, 200, 280-282.	4.0	18

#	ARTICLE	IF	CITATIONS
181	Solvent extraction of La(III) and Nd(III) from nitrate solutions with 2-ethylhexylphosphonic acid mono-2-ethylhexyl ester. <i>Chemical Engineering Journal</i> , 2006, 119, 167-174.	6.6	57
182	Factors affecting selective rejection of proteins within a binary mixture during cross-flow ultrafiltration. <i>Journal of Membrane Science</i> , 2006, 281, 103-110.	4.1	25
183	Growth kinetics of <i>Pseudomonas putida</i> in the biodegradation of single and mixed phenol and sodium salicylate. <i>Biochemical Engineering Journal</i> , 2006, 31, 133-140.	1.8	89
184	Column removal of Ni(II) from synthetic electroplating waste water using a strong-acid resin. <i>Separation and Purification Technology</i> , 2006, 49, 36-42.	3.9	48
185	Removal of soluble organics from water by a hybrid process of clay adsorption and membrane filtration. <i>Journal of Hazardous Materials</i> , 2006, 135, 134-140.	6.5	49
186	Biodegradation of phenol and sodium salicylate mixtures by suspended <i>Pseudomonas putida</i> CCRC 14365. <i>Journal of Hazardous Materials</i> , 2006, 138, 125-132.	6.5	42
187	Kinetic analysis on membrane-based reverse micellar extraction of lysozyme from aqueous solutions. <i>Journal of Membrane Science</i> , 2006, 281, 636-645.	4.1	7
188	Role of membrane-attached biofilm in the biodegradation of phenol and sodium salicylate in microporous membrane bioreactors. <i>Journal of Membrane Science</i> , 2006, 282, 484-492.	4.1	14
189	Liquid-phase adsorption and desorption of phenol onto activated carbons with ultrasound. <i>Ultrasonics Sonochemistry</i> , 2006, 13, 251-260.	3.8	63
190	Ion exchange recovery of Ni(II) from simulated electroplating waste solutions containing anionic ligands. <i>Journal of Hazardous Materials</i> , 2006, 128, 53-59.	6.5	30
191	Kinetic analysis on reactive extraction of aspartic acid from water in hollow fiber membrane modules. <i>Journal of Membrane Science</i> , 2006, 281, 186-194.	4.1	12
192	Extraction equilibria and separation of phenylalanine and aspartic acid from water with di(2-ethylhexyl)phosphoric acid. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 406-412.	1.6	16
193	Improved back extraction of papain from AOT reverse micelles using alcohols and a counter-ionic surfactant. <i>Biochemical Engineering Journal</i> , 2005, 25, 219-225.	1.8	40
194	Effect of formaldehyde on Cu(II) removal from synthetic complexed solutions by solvent extraction. <i>Journal of Hazardous Materials</i> , 2005, 120, 1-7.	6.5	12
195	Mass transfer analysis on air stripping of VOCs from water in microporous hollow fibers. <i>Journal of Membrane Science</i> , 2005, 255, 79-87.	4.1	36
196	Comparisons of porous and adsorption properties of carbons activated by steam and KOH. <i>Journal of Colloid and Interface Science</i> , 2005, 283, 49-56.	5.0	282
197	Activities, stabilities, and reaction kinetics of three free and chitosan-clay composite immobilized enzymes. <i>Enzyme and Microbial Technology</i> , 2005, 36, 75-82.	1.6	132
198	Ion-exchange equilibria of Cu(II) and Zn(II) from aqueous solutions with Chelex 100 and Amberlite IRC 748 resins. <i>Chemical Engineering Journal</i> , 2005, 112, 211-218.	6.6	82

#	ARTICLE	IF	CITATIONS
199	Equilibrium and kinetic studies on the adsorption of surfactant, organic acids and dyes from water onto natural biopolymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 269, 35-46.	2.3	78
200	Improved dynamic analysis on cell growth with substrate inhibition using two-phase models. <i>Biochemical Engineering Journal</i> , 2005, 25, 209-217.	1.8	21
201	Extraction separation of Co(II)/Ni(II) from concentrated HCl solutions in rotating disc and hollow-fiber membrane contactors. <i>Separation and Purification Technology</i> , 2005, 42, 65-73.	3.9	19
202	Use of microporous hollow fibers for improved biodegradation of high-strength phenol solutions. <i>Journal of Membrane Science</i> , 2005, 258, 55-63.	4.1	33
203	Kinetic analysis of non-dispersive solvent extraction of concentrated Co(II) from chloride solutions with Aliquat 336: Significance of the knowledge of reaction equilibrium. <i>Journal of Membrane Science</i> , 2005, 264, 104-112.	4.1	16
204	Preparation of highly microporous carbons from fir wood by KOH activation for adsorption of dyes and phenols from water. <i>Separation and Purification Technology</i> , 2005, 47, 10-19.	3.9	163
205	Effect of formaldehyde on Cu(II) removal from synthetic complexed solutions by ion exchange. <i>Chemosphere</i> , 2005, 59, 1355-1360.	4.2	7
206	Metal Rejection by Nanofiltration from Diluted Solutions in the Presence of Complexing Agents. <i>Separation Science and Technology</i> , 2005, 39, 363-376.	1.3	15
207	Treating High-Turbidity Water Using Full-Scale Floc Blanket Clarifiers. <i>Journal of Environmental Engineering, ASCE</i> , 2004, 130, 1481-1487.	0.7	20
208	Structural studies of Na-montmorillonite exchanged with Fe <sup>2+</sup> , Cr <sup>3+</sup> , and Ti <sup>4+</sup> by N <sub>2</sub> adsorption and EXAFS. <i>Journal of Colloid and Interface Science</i> , 2004, 274, 337-340.	5.0	19
209	Adsorption of tannic acid, humic acid, and dyes from water using the composite of chitosan and activated clay. <i>Journal of Colloid and Interface Science</i> , 2004, 278, 18-25.	5.0	482
210	Adsorption of acid dye from water onto pristine and acid-activated clays in fixed beds. <i>Journal of Hazardous Materials</i> , 2004, 113, 195-200.	6.5	94
211	Stability and catalytic kinetics of acid phosphatase immobilized on composite beads of chitosan and activated clay. <i>Process Biochemistry</i> , 2004, 39, 1087-1091.	1.8	48
212	Process development for degradation of phenol by <i>Pseudomonas putida</i> in hollow-fiber membrane bioreactors. <i>Biotechnology and Bioengineering</i> , 2004, 87, 219-227.	1.7	39
213	Liquid membrane transport and separation of Zn <sup>2+</sup> and Cd <sup>2+</sup> from sulfate media using organophosphorus acids as mobile carriers. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 140-147.	1.6	16
214	Removal of sodium dodecyl benzene sulfonate and phenol from water by a combined PAC adsorption and cross-flow microfiltration process. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 240-246.	1.6	16
215	Analysis of liquid membrane extraction of binary Zn(II) and Cd(II) from chloride media with Aliquat 336 based on thermodynamic equilibrium models. <i>Journal of Membrane Science</i> , 2004, 228, 169-177.	4.1	56
216	Sorption of phenols from water in column systems using surfactant-modified montmorillonite. <i>Journal of Colloid and Interface Science</i> , 2004, 269, 46-52.	5.0	32

#	ARTICLE	IF	CITATIONS
217	Equilibrium sorption of heavy metals and phosphate from single- and binary-sorbate solutions on goethite. <i>Journal of Colloid and Interface Science</i> , 2004, 275, 53-60.	5.0	83
218	Flux recovery in the ultrafiltration of suspended solutions with ultrasound. <i>Journal of Membrane Science</i> , 2004, 243, 115-124.	4.1	69
219	An EXFAS study of the structures of copper and phosphate sorbed onto goethite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 234, 71-75.	2.3	42
220	Ultrasound-assisted production of W/O emulsions in liquid surfactant membrane processes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 238, 43-49.	2.3	71
221	Liquid-phase adsorption of dyes and phenols using pinewood-based activated carbons. <i>Carbon</i> , 2003, 41, 487-495.	5.4	326
222	Mass transfer effect and intermediate detection for phenol degradation in immobilized <i>Pseudomonas putida</i> systems. <i>Process Biochemistry</i> , 2003, 38, 1497-1507.	1.8	193
223	Removal of heavy metal ions from aqueous solutions using various low-cost adsorbents. <i>Journal of Hazardous Materials</i> , 2003, 102, 291-302.	6.5	241
224	Mechanistic analysis of solvent extraction of heavy metals in membrane contactors. <i>Journal of Membrane Science</i> , 2003, 213, 125-135.	4.1	71
225	Separation and removal of metal ions from dilute solutions using micellar-enhanced ultrafiltration. <i>Journal of Membrane Science</i> , 2003, 218, 257-267.	4.1	168
226	Hindered Membrane Diffusion in the Nondispersive Stripping of Co(II) from Organic Amine Solutions with Hydrochloric Acid. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 6181-6187.	1.8	2
227	Removal of metal ions from the complexed solutions in fixed bed using a strong-acid ion exchange resin. <i>Chemosphere</i> , 2003, 53, 1221-1228.	4.2	65
228	Use of complexing agents for effective ion-exchange separation of Co(II)/Ni(II) from aqueous solutions. <i>Water Research</i> , 2003, 37, 845-852.	5.3	28
229	Use of thermally treated waste biological sludge as dye absorbent. <i>Journal of Environmental Management</i> , 2003, 7, 739-744.	1.7	51
230	Ligand-Enhanced Separation of Divalent Heavy Metals from Aqueous Solutions Using a Strong-Acid Ion-Exchange Resin. <i>Industrial &amp; Engineering Chemistry Research</i> , 2003, 42, 1948-1954.	1.8	14
231	Nonideality in two-phase systems of copper(II) extraction from sulfate solutions with LIX64N in kerosene. <i>Separation Science and Technology</i> , 2002, 37, 147-159.	1.3	4
232	FACTOR OPTIMIZATION FOR PHENOL REMOVAL USING ACTIVATED CARBON IMMOBILIZED WITH PSEUDOMONAS PUTIDA. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 149-161.	0.9	5
233	Effect of Added Complexing Anions on Cation Exchange of Cu(II) and Zn(II) with a Strong-Acid Resin. <i>Industrial &amp; Engineering Chemistry Research</i> , 2002, 41, 5558-5564.	1.8	15
234	BIODEGRADATION AND ADSORPTION OF PHENOL USING ACTIVATED CARBON IMMOBILIZED WITH PSEUDOMONAS PUTIDA. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 1133-1146.	0.9	19

#	ARTICLE	IF	CITATIONS
235	Kinetic Modeling of Simultaneous Recovery of Metallic Cations and Anions with a Mixture of Extractants in Hollow-Fiber Modules. <i>Industrial &amp; Engineering Chemistry Research</i> , 2002, 41, 853-861.	1.8	8
236	Removal of acetone and methanol from gaseous streams in a hollow fiber absorber. <i>Separation Science and Technology</i> , 2002, 37, 261-277.	1.3	2
237	A simplified equilibrium model for sorption of heavy metal ions from aqueous solutions on chitosan. <i>Water Research</i> , 2002, 36, 2999-3008.	5.3	190
238	Removal of free and chelated Cu(II) ions from water by a nondispersive solvent extraction process. <i>Water Research</i> , 2002, 36, 3611-3619.	5.3	34
239	From stable dipolar towards reversing numerical dynamos. <i>Physics of the Earth and Planetary Interiors</i> , 2002, 131, 29-45.	0.7	216
240	Use of chemically modified chitosan beads for sorption and enzyme immobilization. <i>Journal of Environmental Management</i> , 2002, 6, 171-177.	1.7	92
241	Factorial design analysis for adsorption of dye on activated carbon beads incorporated with calcium alginate. <i>Journal of Environmental Management</i> , 2002, 6, 191-198.	1.7	136
242	Equilibrium and kinetic studies of the extraction of chelated copper(II) anions with Aliquat 336. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 168-174.	1.6	11
243	Adsorption of dyes and humic acid from water using chitosan-encapsulated activated carbon. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 1269-1279.	1.6	73
244	Adsorption of Sulfate and Copper(II) on Goethite in Relation to the Changes of Zeta Potentials. <i>Journal of Colloid and Interface Science</i> , 2002, 249, 22-29.	5.0	72
245	Mechanism of Sorption of Phenols from Aqueous Solutions onto Surfactant-Modified Montmorillonite. <i>Journal of Colloid and Interface Science</i> , 2002, 254, 234-241.	5.0	140
246	Characterization and use of activated carbons prepared from bagasses for liquid-phase adsorption. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 201, 191-199.	2.3	144
247	Modeling of nondispersive extraction of binary Zn(II) and Cu(II) with D2EHPA in hollow fiber devices. <i>Journal of Membrane Science</i> , 2002, 208, 31-38.	4.1	21
248	Amino acid separation with D2EHPA by solvent extraction and liquid surfactant membranes. <i>Journal of Membrane Science</i> , 2002, 207, 241-252.	4.1	60
249	Use of cellulose-based wastes for adsorption of dyes from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2002, 92, 263-274.	6.5	1,394
250	Oxidative pyrolysis of organic ion exchange resins in the presence of metal oxide catalysts. <i>Journal of Hazardous Materials</i> , 2002, 92, 301-314.	6.5	56
251	Heavy metal removal from water by sorption using surfactant-modified montmorillonite. <i>Journal of Hazardous Materials</i> , 2002, 92, 315-326.	6.5	519
252	Microbiological degradation of phenol using mixed liquors of <i>Pseudomonas putida</i> and activated sludge. <i>Waste Management</i> , 2002, 22, 703-710.	3.7	86

#	ARTICLE	IF	CITATIONS
253	Simultaneous extraction and stripping of EDTA-chelated metallic anions with Aliquat 336 in hollow fiber contactors. <i>Chemical Engineering Science</i> , 2002, 57, 143-152.	1.9	18
254	Effect of pH on Competitive Adsorption of Cu(II), Ni(II), and Zn(II) from Water onto Chitosan Beads. <i>Adsorption</i> , 2002, 8, 71-78.	1.4	108
255	Kinetics of Color Removal by Adsorption from Water Using Activated Clay. <i>Environmental Technology (United Kingdom)</i> , 2001, 22, 721-729.	1.2	46
256	Kinetic modeling of liquid-phase adsorption of reactive dyes and metal ions on chitosan. <i>Water Research</i> , 2001, 35, 613-618.	5.3	679
257	Adsorption of Dyes and Phenols from Water on the Activated Carbons Prepared from Corncob Wastes. <i>Environmental Technology (United Kingdom)</i> , 2001, 22, 205-213.	1.2	118
258	EFFECT OF ADDED COMPLEXING AGENTS ON EXTRACTION OF Cu(II) FROM SULFATE SOLUTIONS BY DI(2-ETHYLHEXYL)PHOSPHORIC ACID. <i>Separation Science and Technology</i> , 2001, 36, 2499-2514.	1.3	11
259	ADSORPTION OF RHODAMINE 6G FROM AQUEOUS SOLUTIONS ON ACTIVATED CARBON. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2001, 36, 715-725.	0.9	37
260	A SIMPLE ELECTROLYTE FOR DETERMINATION OF SMALL CATIONS IN NATURAL WATERS BY CAPILLARY ELECTROPHORESIS. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2001, 36, 935-946.	0.9	3
261	Enhanced abilities of highly swollen chitosan beads for color removal and tyrosinase immobilization. <i>Journal of Hazardous Materials</i> , 2001, 81, 167-177.	6.5	224
262	Enhanced flux and selectivity of metals through a dialysis membrane by addition of complexing agents to receiving phase. <i>Journal of Membrane Science</i> , 2001, 186, 53-61.	4.1	14
263	Feasibility of the use of polymer-assisted membrane filtration for brackish water softening. <i>Journal of Membrane Science</i> , 2001, 187, 119-127.	4.1	43
264	Mass-transfer in hollow-fiber modules for extraction and back-extraction of copper(II) with LIX64N carriers. <i>Journal of Membrane Science</i> , 2001, 188, 251-262.	4.1	62
265	Solute adsorption and enzyme immobilization on chitosan beads prepared from shrimp shell wastes. <i>Bioresource Technology</i> , 2001, 80, 187-193.	4.8	111
266	Role of Microporosity of Activated Carbons on Their Adsorption Abilities for Phenols and Dyes. <i>Adsorption</i> , 2001, 7, 65-72.	1.4	88
267	Electrochemical treatment of copper from aqueous citrate solutions using a cation-selective membrane. <i>Separation and Purification Technology</i> , 2001, 22-23, 627-635.	3.9	17
268	Liquid-liquid extraction of copper(II)-EDTA chelated anions with microporous hollow fibers. <i>Journal of Chemical Technology and Biotechnology</i> , 2000, 75, 610-616.	1.6	4
269	Mechanism of Adsorption of Dyes and Phenols from Water Using Activated Carbons Prepared from Plum Kernels. <i>Journal of Colloid and Interface Science</i> , 2000, 227, 437-444.	5.0	155
270	Comparative adsorption of metal and dye on flake- and bead-types of chitosans prepared from fishery wastes. <i>Journal of Hazardous Materials</i> , 2000, 73, 63-75.	6.5	255



#	ARTICLE	IF	CITATIONS
271	Ultrafiltration rejection of dissolved ions using various weakly basic water-soluble polymers. <i>Journal of Membrane Science</i> , 2000, 177, 207-214.	4.1	75
272	Mass transfer modeling of citric and lactic acids in a microporous membrane extractor. <i>Journal of Membrane Science</i> , 2000, 164, 67-77.	4.1	7
273	Dispersion-free membrane extraction: case studies of metal ion and organic acid extraction. <i>Journal of Membrane Science</i> , 2000, 165, 59-73.	4.1	56
274	Metal removal from aqueous solutions using chitosan-enhanced membrane filtration. <i>Journal of Membrane Science</i> , 2000, 165, 159-167.	4.1	310
275	Efficiencies of electrolytic treatment of complexed metal solutions in a stirred cell having a membrane separator. <i>Journal of Membrane Science</i> , 2000, 171, 19-29.	4.1	13
276	Rates of Metal Electrodeposition from Aqueous Solutions in the Presence of Chelating Agents. <i>Separation Science and Technology</i> , 2000, 35, 1087-1098.	1.3	8
277	Electrolytic recovery of binary metals and EDTA from strong complexed solutions. <i>Water Research</i> , 2000, 34, 3179-3185.	5.3	62
278	Metal recovery and EDTA recycling from simulated washing effluents of metal-contaminated soils. <i>Water Research</i> , 2000, 34, 3795-3803.	5.3	48
279	Treatment of complexed Copper(II) solutions with electrochemical membrane processes. <i>Water Research</i> , 2000, 34, 43-50.	5.3	40
280	Hollow-Fiber Membrane Extraction of Copper(II) from Aqueous Ethylenediaminetetraacetic Acid Solutions with Aliquat 336. <i>Industrial &amp; Engineering Chemistry Research</i> , 2000, 39, 1409-1415.	1.8	26
281	Effect of Temperature on Equilibrium Adsorption of Phenols onto Nonionic Polymeric Resins. <i>Separation Science and Technology</i> , 1999, 34, 1819-1831.	1.3	55
282	Non-dispersive extraction separation of metals using hydrophilic microporous and cation exchange membranes. <i>Journal of Membrane Science</i> , 1999, 156, 179-186.	4.1	14
283	Simultaneous recovery of EDTA and lead(II) from their chelated solutions using a cation exchange membrane. <i>Journal of Membrane Science</i> , 1999, 160, 225-233.	4.1	30
284	Pore structure and adsorption performance of the activated carbons prepared from plum kernels. <i>Journal of Hazardous Materials</i> , 1999, 69, 287-302.	6.5	88
285	Adsorption isotherms of phenols from water onto macroreticular resins. <i>Journal of Hazardous Materials</i> , 1999, 70, 171-183.	6.5	108
286	Extraction of acetate from simulated waste solutions in chloromycetin production. <i>Separation and Purification Technology</i> , 1999, 17, 225-233.	3.9	15
287	Effect of complexing agents on liquid-phase adsorption and desorption of copper(II) using chitosan. <i>Journal of Chemical Technology and Biotechnology</i> , 1999, 74, 533-588.	1.6	19
288	Rates of acetate extraction from simulated waste streams in chloromycetin production. <i>Journal of Chemical Technology and Biotechnology</i> , 1999, 74, 1165-1170.	1.6	1

#	ARTICLE	IF	CITATIONS
289	Role of pH in Metal Adsorption from Aqueous Solutions Containing Chelating Agents on Chitosan. <i>Industrial &amp; Engineering Chemistry Research</i> , 1999, 38, 270-275.	1.8	89
290	Adsorption removal of copper(II) using chitosan from simulated rinse solutions containing chelating agents. <i>Water Research</i> , 1999, 33, 2403-2409.	5.3	113
291	Extraction of Copper(II)-NTA Chelated Anions from Water with Aliquat 336. <i>Separation Science and Technology</i> , 1999, 34, 2407-2420.	1.3	10
292	Amine-Based Extraction Recovery of Cu(II) from Aqueous Solutions in the Presence of EDTA. Equilibrium Studies. <i>Separation Science and Technology</i> , 1999, 34, 3099-3112.	1.3	18
293	Kinetics of Sorption of Cu(II)-Ethylenediaminetetraacetic Acid Chelated Anions on Cross-Linked, Polyaminated Chitosan Beads. <i>Industrial &amp; Engineering Chemistry Research</i> , 1998, 37, 3463-3469.	1.8	48
294	Investigation on interfacial reaction kinetics of penicillin G and Amberlite LA-2 from membrane flux measurements. <i>Journal of Membrane Science</i> , 1998, 141, 19-30.	4.1	8
295	Carrier-facilitated liquid membrane extraction of penicillin G from aqueous streams. <i>Journal of Membrane Science</i> , 1998, 146, 95-104.	4.1	32
296	Kinetic Studies on the Esterification of a Substituted Phenylacetic Acid by Phase-Transfer Catalysis. <i>Industrial &amp; Engineering Chemistry Research</i> , 1998, 37, 4625-4630.	1.8	12
297	Ion Exchange Equilibria of Metal Chelates of Ethylenediaminetetraacetic Acid (EDTA) with Amberlite IRA-68. <i>Industrial &amp; Engineering Chemistry Research</i> , 1998, 37, 555-560.	1.8	69
298	Modeling of Amine-Facilitated Liquid Membrane Transport of Binary Organic Acids. <i>Separation Science and Technology</i> , 1998, 33, 2379-2395.	1.3	10
299	Interfacial Properties on the Synthesis of Ether-Ester Compounds by Liquid-Liquid Phase-Transfer Catalysis. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 5296-5301.	1.8	5
300	Equilibrium Sorption of Copper(II)-Ethylenediaminetetraacetic Acid Chelates onto Cross-Linked, Polyaminated Chitosan Beads. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 5403-5409.	1.8	55
301	Removal of Copper(II) Chelates of EDTA and NTA from Dilute Aqueous Solutions by Membrane Filtration. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 179-186.	1.8	30
302	The Ability of Activated Clay for the Adsorption of Dyes from Aqueous Solutions. <i>Environmental Technology (United Kingdom)</i> , 1997, 18, 525-531.	1.2	181
303	Equilibrium studies on reactive extraction of lactic acid with an amine extractant. <i>Chemical Engineering Journal</i> , 1997, 65, 47-53.	6.6	83
304	Application of the Elovich Equation to the Kinetics of Metal Sorption with Solvent-Impregnated Resins. <i>Industrial &amp; Engineering Chemistry Research</i> , 1997, 36, 813-820.	1.8	277
305	Equilibrium studies on reactive extraction of lactic acid with an amine extractant. <i>The Chemical Engineering Journal and the Biochemical Engineering Journal</i> , 1997, 65, 47-53.	0.1	15
306	Competitive sorption of metal ions from binary sulfate solutions with solvent-impregnated resins. <i>Reactive and Functional Polymers</i> , 1997, 34, 93-102.	2.0	16

#	ARTICLE	IF	CITATIONS
307	Transport of citric acid across a supported liquid membrane containing various salts of a tertiary amine. <i>Journal of Membrane Science</i> , 1997, 123, 81-87.	4.1	19
308	Kinetic studies on lactic acid extraction with amine using a microporous membrane-based stirred cell. <i>Journal of Membrane Science</i> , 1997, 129, 185-196.	4.1	38
309	Separation of citric and lactic acids in aqueous solutions by solvent extraction and liquid membrane processes. <i>Journal of Membrane Science</i> , 1997, 136, 89-99.	4.1	68
310	Mass-transfer modeling of permeation of lactic acid across amine-mediated supported liquid membranes. <i>Journal of Membrane Science</i> , 1997, 137, 231-239.	4.1	22
311	Adsorption behavior of reactive dyes from aqueous solutions on chitosan. <i>Journal of Chemical Technology and Biotechnology</i> , 1997, 70, 391-399.	1.6	219
312	Adsorption behavior of reactive dyes from aqueous solutions on chitosan. , 1997, 70, 391.		2
313	Analysis of the Transport Rates of Citric Acid through a Supported Liquid Membrane Containing Tri-n-octylamine. <i>Industrial &amp; Engineering Chemistry Research</i> , 1996, 35, 1673-1679.	1.8	14
314	Adsorption Isotherms of Phenolic Compounds from Aqueous Solutions onto Activated Carbon Fibers. <i>Journal of Chemical &amp; Engineering Data</i> , 1996, 41, 487-492.	1.0	119
315	Catalytic Role of a Water-Immiscible Organic Acid on Amine Extraction of Citric Acid from Aqueous Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , 1996, 35, 546-552.	1.8	6
316	Effect of Dye Nature on Its Adsorption from Aqueous Solutions onto Activated Carbon. <i>Separation Science and Technology</i> , 1996, 31, 2143-2158.	1.3	56
317	Measurement of Binding Constants of Poly(ethylenimine) with Metal Ions and Metal Chelates in Aqueous Media by Ultrafiltration. <i>Industrial &amp; Engineering Chemistry Research</i> , 1996, 35, 1935-1943.	1.8	78
318	Comparison of Extraction Equilibria of Succinic and Tartaric Acids from Aqueous Solutions with Tri-n-octylamine. <i>Industrial &amp; Engineering Chemistry Research</i> , 1996, 35, 1944-1950.	1.8	35
319	Column Sorption of Divalent Metals from Sulfate Solutions by Extractant-Impregnated Macroporous Resins. <i>Journal of Chemical Technology and Biotechnology</i> , 1996, 66, 153-159.	1.6	10
320	Effect of a Water-Insoluble Organic Acid on Amine Extraction of Acetic Acid from Aqueous Solutions. Equilibrium Studies. <i>Journal of Chemical Technology and Biotechnology</i> , 1996, 66, 160-168.	1.6	14
321	Sorption Kinetics of Citric Acid from Aqueous Solutions by Macroporous Resins Containing a Tertiary Amine.. <i>Journal of Chemical Engineering of Japan</i> , 1996, 29, 146-151.	0.3	5
322	Distribution equilibrium of penicillin G between water and organic solutions of Amberlite LA-2. <i>The Chemical Engineering Journal and the Biochemical Engineering Journal</i> , 1996, 62, 231-236.	0.1	1
323	Column separation of divalent metals from sulfate solutions using impregnated resins containing di(2-ethylhexyl)phosphoric acid. <i>Reactive and Functional Polymers</i> , 1996, 29, 175-183.	2.0	19
324	Analysis of the transport rates of europium(III) across an organophosphinic acid supported liquid membrane. <i>Journal of Membrane Science</i> , 1996, 110, 13-23.	4.1	13

#	ARTICLE	IF	CITATIONS
325	Retention of copper(II) EDTA chelates from dilute aqueous solutions by a polyelectrolyte-enhanced ultrafiltration process. <i>Journal of Membrane Science</i> , 1996, 119, 25-37.	4.1	42
326	Sorption of Citric Acid from Aqueous Solutions by Macroporous Resins Containing a Tertiary Amine Equilibria. <i>Separation Science and Technology</i> , 1996, 31, 1409-1425.	1.3	21
327	Liquid-Phase Adsorption of Phenol and Its Derivatives on Activated Carbon Fibers. <i>Separation Science and Technology</i> , 1996, 31, 1915-931.	1.3	44
328	A Mechanistic Study of Uphill Transport of Metal Ions through Countertransport Supported Liquid Membranes. <i>Separation Science and Technology</i> , 1996, 31, 365-379.	1.3	10
329	Kinetic studies on the extraction of citric acid from aqueous solutions with tri-N-octylamine.. <i>Journal of Chemical Engineering of Japan</i> , 1995, 28, 274-281.	0.3	26
330	Recovery of nickel from a simulated electroplating rinse solution by solvent extraction and liquid surfactant membrane. <i>Journal of Membrane Science</i> , 1995, 100, 163-170.	4.1	22
331	Column Sorption of Citric Acid from Aqueous Solutions Using Tri-n-octylamine-Impregnated Macroporous Resins. <i>Separation Science and Technology</i> , 1995, 30, 917-931.	1.3	8
332	LEAD(II) EXTRACTION FROM NITRATE SOLUTIONS WITH DI(2-ETHYLHEXYL)PHOSPHORIC ACID. <i>Solvent Extraction and Ion Exchange</i> , 1995, 13, 229-242.	0.8	2
333	Distribution Equilibrium of Citric Acid between Aqueous Solutions and Tri-n-octylamine-Impregnated Macroporous Resins. <i>Industrial &amp; Engineering Chemistry Research</i> , 1995, 34, 1294-1301.	1.8	28
334	Metal sorption with extractant-impregnated macroporous resins. 1. Particle diffusion kinetics. <i>Journal of Chemical Technology and Biotechnology</i> , 1995, 62, 132-140.	1.6	68
335	Metal sorption with extractant-impregnated macroporous resins. 2. Chemical reaction and particle diffusion kinetics. <i>Journal of Chemical Technology and Biotechnology</i> , 1995, 62, 141-147.	1.6	53
336	Extraction equilibria of lead(II) from nitrate solutions with acidic organophosphorus compounds. <i>Journal of Chemical Technology and Biotechnology</i> , 1994, 60, 61-66.	1.6	11
337	Application of batch ultrafiltration to the separation of W/O emulsions in liquid surfactant membrane processes. <i>Journal of Membrane Science</i> , 1994, 96, 193-203.	4.1	11
338	Rate-Controlling Mechanism of Cobalt Transport through Supported Liquid Membranes Containing Di(2-ethylhexyl)phosphoric Acid. <i>Separation Science and Technology</i> , 1994, 29, 223-237.	1.3	12
339	Kinetics of the Coupled Transport of Vanadium(IV) from Sulfate Solutions through Supported Liquid Membranes. <i>Industrial &amp; Engineering Chemistry Research</i> , 1994, 33, 1011-1016.	1.8	18
340	Mass-Transfer Characteristics of a Membrane Permeation Cell and Its Application to the Kinetic Studies of Solvent Extraction. <i>Industrial &amp; Engineering Chemistry Research</i> , 1994, 33, 1001-1010.	1.8	26
341	Equilibrium studies on the extraction of citric acid from aqueous solutions with tri-n-octylamine.. <i>Journal of Chemical Engineering of Japan</i> , 1994, 27, 498-504.	0.3	48
342	Salting-out Effect in the Extraction of Cobalt (II) from Chloride Solutions with Tri-n-butyl Phosphate and Tri-n-octylphosphine Oxide.. <i>Journal of Chemical Engineering of Japan</i> , 1994, 27, 238-241.	0.3	1

#	ARTICLE	IF	CITATIONS
343	Equilibrium studies for the interaction of aqueous metal ions and polyacrylic acid by a batch ultrafiltration method. <i>Journal of Membrane Science</i> , 1993, 82, 163-174.	4.1	64
344	Removal of copper and zinc from aqueous sulfate solution with polyacrylic acid by a batch complexation-ultrafiltration process. <i>Journal of Membrane Science</i> , 1993, 82, 175-183.	4.1	27
345	Modelling of the competitive permeation of cobalt and nickel in a di(2-ethylhexyl)phosphoric acid supported liquid membrane process. <i>Journal of Membrane Science</i> , 1993, 85, 157-166.	4.1	28
346	Kinetics and mechanism for copper(II) extraction from sulfate solutions with bis(2-ethylhexyl)phosphoric acid. <i>Industrial &amp; Engineering Chemistry Research</i> , 1993, 32, 207-213.	1.8	29
347	Permeation and separation of zinc and copper by supported liquid membranes using bis(2-ethylhexyl)phosphoric acid as a mobile carrier. <i>Industrial &amp; Engineering Chemistry Research</i> , 1993, 32, 911-916.	1.8	35
348	THE COMPETITIVE PERMEATION OF COBALT AND NICKEL WITH SUPPORTED LIQUID MEMBRANES. <i>Chemical Engineering Communications</i> , 1993, 126, 13-25.	1.5	9
349	Removal of Dyes from Aqueous Solutions by Low Pressure Batch Ultrafiltration. <i>Separation Science and Technology</i> , 1993, 28, 2049-2059.	1.3	8
350	Stoichiometry of vanadium(IV) extraction from sulfate solutions with di(2-ethylhexyl) phosphoric acid dissolved in kerosene.. <i>Journal of Chemical Engineering of Japan</i> , 1993, 26, 219-222.	0.3	6
351	Effect of acetate medium on the extraction of cobalt(II) with Di(2-ethylhexyl)phosphoric acid dissolved in kerosene. <i>Journal of Chemical Technology and Biotechnology</i> , 1993, 57, 265-271.	1.6	3
352	Equilibrium studies of the extraction of zirconium(IV) from sulfuric acid solutions with Di(2-ethylhexyl)phosphoric acid. <i>Journal of Chemical Technology and Biotechnology</i> , 1993, 58, 261-269.	1.6	16
353	Effects of tri-n-butylphosphate and 2-ethyl-1-hexanol on the extraction of zinc with di(2-ethylhexyl)phosphoric acid.. <i>Journal of Chemical Engineering of Japan</i> , 1992, 25, 339-342.	0.3	2
354	Separation of zinc and copper from aqueous sulfate solutions using bis(2-ethylhexyl)phosphoric acid-impregnated macroporous resin. <i>Industrial &amp; Engineering Chemistry Research</i> , 1992, 31, 2779-2783.	1.8	29
355	Thermodynamic equilibria of the extraction of cobalt(II) from sulfate solutions with bis(2-ethylhexyl)phosphoric acid. <i>Industrial &amp; Engineering Chemistry Research</i> , 1992, 31, 2395-2400.	1.8	22
356	Calculation of the thermodynamic data for zinc extraction from chloride solutions with di-n-pentyl pentanephosphonate. <i>Industrial &amp; Engineering Chemistry Research</i> , 1992, 31, 1222-1227.	1.8	4
357	Sorption of copper and zinc from aqueous sulfate solutions with bis(2-ethylhexyl)phosphoric acid-impregnated macroporous resin. <i>Industrial &amp; Engineering Chemistry Research</i> , 1992, 31, 2774-2779.	1.8	36
358	Thermodynamic studies of weak aqueous sulfate solutions in solvent extraction systems. <i>Journal of Chemical Technology and Biotechnology</i> , 1992, 53, 237-242.	1.6	4
359	Thermal decomposition of azobisisobutyronitrile dissolved in xylene in the presence of tin(IV) chloride. <i>Journal of Chemical Technology and Biotechnology</i> , 1992, 55, 379-383.	1.6	3
360	Modelling of the extraction equilibrium of zinc from chloride solutions with tri-n-octylphosphine oxide. <i>Journal of Chemical Technology and Biotechnology</i> , 1992, 54, 75-80.	1.6	0

#	ARTICLE	IF	CITATIONS
361	Extraction of zinc from sulfate solutions with bis(2-ethylhexyl)phosphoric acid in the presence of tri-n-octylphosphine oxide. <i>Industrial &amp; Engineering Chemistry Research</i> , 1991, 30, 2444-2449.	1.8	13
362	Flow characteristics of isothermal suddenly expanding swirling flow in an industrial burner with bluff body.. <i>Journal of Chemical Engineering of Japan</i> , 1990, 23, 722-727.	0.3	2
363	Velocity measurements and energy distribution for isothermal, suddenlyexpanding, swirling flow in an industrial burner with bluff-body. <i>Energy</i> , 1990, 15, 1015-1021.	4.5	0
364	Rate and mechanism of divalent metal transport through supported liquid membrane containing di(2-ethylhexyl) phosphoric acid as a mobile carrier. <i>Journal of Chemical Technology and Biotechnology</i> , 1988, 42, 3-17.	1.6	47
365	Transport of zinc through a supported liquid membrane using di(2-ethylhexyl) phosphoric acid as a mobile carrier. <i>Journal of Membrane Science</i> , 1987, 31, 209-226.	4.1	42
366	Kinetics and mechanism of zinc extraction from sulfate medium with di(2-ethylhexyl) phosphoric acid.. <i>Journal of Chemical Engineering of Japan</i> , 1986, 19, 379-386.	0.3	44
367	Recovery of sulfuric acid with multicompartement electro dialysis. <i>Industrial &amp; Engineering Chemistry Process Design and Development</i> , 1986, 25, 537-542.	0.6	21
368	Extraction equilibrium of zinc from sulfate media with bis(2-ethylhexyl) phosphoric acid. <i>Industrial &amp; Engineering Chemistry Fundamentals</i> , 1986, 25, 752-757.	0.7	54