

Norasikin Othman

List of Publications by Year in descending order

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79
papers

1,297
citations

361413

20
h-index

377865

34
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81
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81
docs citations

81
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of synergistic green emulsion liquid membrane stability for enhancement of silver recovery from aqueous solution. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 423-430.	2.7	5
2	Empirical correlation of stable double emulsion system of organic compound extraction in emulsion liquid membrane process. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2022, 18, 197-205.	0.8	0
3	Prediction of Zinc Extraction using Facilitated Emulsion Liquid Membrane Model. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2022, 18, 206-217.	0.8	0
4	Potential use of synergist D2EHPA/Cyanex 302 in kerosene system for reactive extraction: Zinc recovery and organic phase regeneration. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 176, 108976.	3.6	5
5	Stability of primary emulsion assisted with nanoparticle in emulsion liquid membrane process for zinc extraction. <i>Materials Today: Proceedings</i> , 2022, 65, 3081-3092.	1.8	5
6	Phenol recovery using continuous emulsion liquid membrane (CELM) process. <i>Chemical Engineering Communications</i> , 2021, 208, 483-499.	2.6	5
7	Extraction and recovery of organic compounds from aqueous solution using emulsion liquid membrane process. <i>Materials Today: Proceedings</i> , 2021, 47, 1301-1306.	1.8	5
8	Synergistic organic liquid formulation for succinic acid extraction from simulated aqueous solution. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2021, 17, 90-94.	0.8	1
9	Synergetic formulation of Cyanex 272/Cyanex 302 for hexavalent chromium removal from electroplating wastewater. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 514-522.	2.7	11
10	Emulsion liquid membrane modeling for chromium removal from electroplating wastewater using TOMAC as a carrier. <i>Water Environment Research</i> , 2021, 93, 1669-1679.	2.7	9
11	Red 3BS dye extraction in liquid surfactant membrane using continuous extractive reactor process. <i>Journal of Physics: Conference Series</i> , 2021, 1874, 012068.	0.4	0
12	Tailoring hydrophobicity of polyethersulfone membrane support for levulinic acid extraction using supported liquid membrane process. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 2519-2529.	2.7	4
13	Intensification reactive recovery of tetravalent platinum from spent catalyst via synergism of TBP/Cyanex 302 system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 168, 108581.	3.6	9
14	Prediction of Nickel Removal using Diffusion Model in Flat Sheet Supported Liquid Membrane. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2021, 17, 752-767.	0.8	1
15	Empirical Correlation of Emulsion Size Prediction for Zinc Extraction Using Flat Blade Impeller System in Emulsion Liquid Membrane Process. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2021, 17, 742-751.	0.8	2
16	Extractive continuous extractor for chromium recovery: Chromium (VI) reduction to chromium (III) in sustainable emulsion liquid membrane process. <i>Journal of Cleaner Production</i> , 2020, 247, 119167.	9.3	40
17	Stability of emulsion liquid membrane using bifunctional diluent and blended nonionic surfactant for phenol removal. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020, 148, 107790.	3.6	38
18	Development of vegetable oil-based emulsion liquid membrane for downstream processing of bio-succinic acid. <i>Food and Bioproducts Processing</i> , 2020, 119, 161-169.	3.6	29

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19	Efficient heavy metal removal by thin film nanocomposite forward osmosis membrane modified with geometrically different bimetallic oxide. <i>Journal of Water Process Engineering</i> , 2020, 38, 101591.	5.6	26
20	Valorization of palm oil mill sterilization condensate via synergistic green reactive extraction of bioactive compounds. <i>Food and Bioproducts Processing</i> , 2020, 122, 205-213.	3.6	2
21	Synergism of Aliquat336-D2EHPA as carrier on the selectivity of organic compound dyes extraction via emulsion liquid membrane process. <i>Separation and Purification Technology</i> , 2020, 239, 116527.	7.9	16
22	Selective extraction and recovery of polyphenols from palm oil mill sterilization condensate using emulsion liquid membrane process. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23246-23257.	5.3	19
23	Extraction of reactive dye via synergistic Aliquat 336/D2EHPA using emulsion liquid membrane system. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 141-150.	2.7	14
24	Emulsion liquid membrane extraction of polyphenols compound from palm oil mill effluent. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2020, 16, 96-101.	0.8	3
25	Green formulation for synthetic dye extraction using synergistic mixture of acid-base extractant. <i>Separation and Purification Technology</i> , 2019, 209, 293-300.	7.9	27
26	Supported liquid membrane extraction of nickel using stable composite SPEEK/PVDF support impregnated with a sustainable liquid membrane. <i>Journal of Hazardous Materials</i> , 2019, 380, 120895.	12.4	21
27	Effect and optimization parameters of phenol removal in emulsion liquid membrane process via fractional-factorial design. <i>Chemical Engineering Research and Design</i> , 2019, 145, 268-278.	5.6	42
28	Extraction and recovery optimization of succinic acid using green emulsion liquid membrane containing palm oil as the diluent. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, e13065.	2.3	21
29	Simultaneous extraction and enrichment of reactive dye using green emulsion liquid membrane system. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1476-1484.	2.2	27
30	Solvent extraction of nickel ions from electroless nickel plating wastewater using synergistic green binary mixture of D2EHPA-octanol system. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1814-1820.	6.7	31
31	Enzymatic Hydrolysis of Used Cooking Oil Using Immobilized Lipase. , 2018, , 119-130.		4
32	Synergetic facilitated transport of nickel via supported liquid membrane process by a mixture of Di (2-ethylhexyl) phosphoric acid and n-octanol: Kinetic permeation study and approach for a green process. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 134, 9-19.	3.6	8
33	Development of stable green emulsion liquid membrane process via liquid-liquid extraction to treat real chromium from rinse electroplating wastewater. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 66, 231-241.	5.8	44
34	Removal of nickel from industrial effluent using a synergistic mixtures of acidic and solvating carriers in palm oil-based diluent via supported liquid membrane process. <i>Chemical Engineering Research and Design</i> , 2018, 137, 360-375.	5.6	20
35	Emulsion breakage behaviour on chromium (VI) removal using emulsion liquid membrane containing quaternary ammonium compounds. <i>Malaysian Journal of Fundamental and Applied Sciences</i> , 2018, 14, 298-302.	0.8	2
36	Easy removing of phenol from wastewater using vegetable oil-based organic solvent in emulsion liquid membrane process. <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 45-52.	3.5	81

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37	Synergistic green extraction of nickel ions from electroplating waste via mixtures of chelating and organophosphorus carrier. <i>Journal of Hazardous Materials</i> , 2017, 340, 77-84.	12.4	52
38	REMOVAL AND RECOVERY OF CHROMIUM(VI) ION VIA TRI-N-OCTYL METHYLAMMONIUMCHLORIDE-KEROSENE POLYPROPYLENE SUPPORTED LIQUID MEMBRANE. <i>Malaysian Journal of Analytical Sciences</i> , 2017, 21, 416-425.	0.1	11
39	REVIEW ON THE POTENTIAL USE OF WASTE COOKING PALM OIL IN THE PRODUCTION OF HIGH OLEIC PALM OIL VIA ENZYMATIC ACIDOLYSIS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	5
40	Highly selective transport of palladium from electroplating wastewater using emulsion liquid membrane process. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 64, 134-141.	5.3	61
41	High Performance of Chromium Recovery from Aqueous Waste Solution Using Mixture of Palm-oil in Emulsion Liquid Membrane. <i>Procedia Engineering</i> , 2016, 148, 765-773.	1.2	38
42	Recovery of ionized nanosilver by emulsion liquid membrane process and parameters optimization using response surface methodology. <i>Desalination and Water Treatment</i> , 2016, 57, 3339-3349.	1.0	18
43	Fabrication of polypropylene membrane via thermally induced phase separation as a support matrix of tridodecylamine supported liquid membrane for Red 3BS dye removal. <i>Desalination and Water Treatment</i> , 2016, 57, 12287-12301.	1.0	15
44	Response surface optimization of kraft lignin recovery from pulping wastewater through emulsion liquid membrane process. <i>Desalination and Water Treatment</i> , 2016, 57, 7823-7832.	1.0	18
45	The Role of Internal Droplet Size on Emulsion Stability and the Extraction Performance of Kraft Lignin Removal from Pulping Wastewater in Emulsion Liquid Membrane Process. <i>Journal of Dispersion Science and Technology</i> , 2016, 37, 544-554.	2.4	21
46	EMULSION LIQUID MEMBRANE TECHNOLOGY IN ORGANIC ACID PURIFICATION. <i>Malaysian Journal of Analytical Sciences</i> , 2016, 20, 436-443.	0.1	26
47	Recovery of kraft lignin from pulping wastewater via emulsion liquid membrane process. <i>Biotechnology Progress</i> , 2015, 31, 1305-1314.	2.6	40
48	Removal of Oily Wastewater Using Chitosan-filled Filter Media. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	0
49	Performance of Electrostatic Field in Continuous Demulsification of Simulated Crude Oil Emulsion. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	1
50	Removal of Phenol from Wastewater by Supported Liquid Membrane Process. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	1
51	Fouling Evaluation for Ultrafiltration of Protein-based Washwater: A Resistance-in-series Model Approach. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	0
52	Numerical Prediction Performance of Kraft Lignin Extraction Using Boundary Breakage Model. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	1
53	Effects of the Initial Rice Bran Concentration on the Production of <i>Lactobacillus casei</i> as Digestive Bio-regulator. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	0
54	Adsorption of Trypsin Onto Chitosan/PSf Affinity Membranes: Effects of Physio-chemical Environment. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	0

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55	Selective removal and recovery of Black B reactive dye from simulated textile wastewater using the supported liquid membrane process. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 271-280.	2.2	29
56	Liquid Membrane Formulation for Succinic Acid Extraction from Simulated Aqueous Waste Solution. , 2015, , 51-59.		1
57	Recovery of Synthetic Dye Red 3BS from Simulated Wastewater using Supported Liquid Membrane Process Containing Immobilized Kerosene-tridodecylamine Liquid Membrane. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	0
58	Prediction of Kraft Lignin Extraction Performance Using Emulsion Liquid Membrane Carrier-Diffusion Model. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	1
59	Liquid Membrane Component Selection for Succinic Acid Extraction. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	1
60	Characterization of Liquid Pineapple Waste as Carbon Source for Production of Succinic Acid. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.4	8
61	Carrier Assisted Emulsion Liquid Membrane Process for Recovery of Basic Dye from Wastewater using Continuous Extractor. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	6
62	Selective Extraction of Palladium from Simulated Liquid Waste Solution by Emulsion Liquid Membrane Process using D2EHPA as a Mobile Carrier. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.4	5
63	Extraction of Lignosulfonate using TOA-Kerosene-PVDF in Supported Liquid Membrane Process. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	5
64	Liquid-Liquid Extraction of Palladium from Simulated Liquid Waste using Phosphinic Acid as a Carrier. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 68, .	0.4	7
65	Reactive Dye Removal from Simulated Wastewater using Tetrabutyl Ammonium Bromide as an Extractant. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	0
66	Discoloration of aqueous textile dyes solution by <i>Phanerochaete chrysosporium</i> immobilized in modified PVA matrix. <i>Desalination and Water Treatment</i> , 2014, 52, 6694-6702.	1.0	4
67	A Simple and Cost-Effective Method for Fabricating Chitosan-Filled Filter Media from Lignocellulosic Biomass. <i>Applied Mechanics and Materials</i> , 2014, 606, 61-65.	0.2	0
68	Removal performance of lignin compound from simulated pulping wastewater using emulsion liquid membrane process. <i>International Journal of Global Warming</i> , 2014, 6, 270.	0.5	20
69	Emulsion liquid membrane stability in the extraction of ionized nanosilver from wash water. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3243-3250.	5.8	54
70	Supported Liquid Membrane Extraction of Reactive Dye Using Fabricated Polypropylene Membrane. <i>Journal of Chemical Engineering of Japan</i> , 2014, 47, 761-769.	0.6	5
71	Parameter Study of Ionized Nanosilver Recovery from Wash Water using Emulsion Liquid Membrane Process. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	0
72	Extraction of Rhodamine 6G Dye from Liquid Waste Solution: Study on Emulsion Liquid Membrane Stability Performance and Recovery. <i>Separation Science and Technology</i> , 2013, 48, 1177-1183.	2.5	19

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73	Recovery of Ionized Nanosilver from Wash Water Solution using Emulsion Liquid Membrane Process. Jurnal Teknologi (Sciences and Engineering), 2013, 65, .	0.4	1
74	Recovery of synthetic dye from simulated wastewater using emulsion liquid membrane process containing tri-dodecyl amine as a mobile carrier. Journal of Hazardous Materials, 2011, 198, 103-112.	12.4	60
75	Bio-composite Nonwoven Media Based on Chitosan and Empty Fruit Bunches for Wastewater Application. , 2011, , .		0
76	Removal of Red 3BS Dye from Wastewater using Emulsion Liquid Membrane Process. Journal of Applied Sciences, 2011, 11, 1406-1410.	0.3	21
77	Liquid-liquid Extraction of Black B Dye from Liquid Waste Solution Using Tridodecylamine. Journal of Environmental Science and Technology, 2011, 4, 324-331.	0.3	12
78	Separation of silver from photographic wastes by emulsion liquid membrane system. Journal of Membrane Science, 2006, 282, 171-177.	8.2	147
79	Extraction Of Remazol Brilliant Orange 3R From Textile Wastewater Using Tetrabutyl Ammonium Bromide. Jurnal Teknologi (Sciences and Engineering), 0, , .	0.4	1