

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
g-index

81
all docs

81
docs citations

81
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation of silver from photographic wastes by emulsion liquid membrane system. <i>Journal of Membrane Science</i> , 2006, 282, 171-177.	8.2	147
2	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
3	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
4	Recovery of synthetic dye from simulated wastewater using emulsion liquid membrane process containing tri-dodecyl amine as a mobile carrier. <i>Journal of Hazardous Materials</i> , 2011, 198, 103-112.	12.4	60
5	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
6	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
7	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
8	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
9	Recovery of kraft lignin from pulping wastewater via emulsion liquid membrane process. <i>Biotechnology Progress</i> , 2015, 31, 1305-1314.	2.6	40
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	EMULSION LIQUID MEMBRANE TECHNOLOGY IN ORGANIC ACID PURIFICATION. Malaysian Journal of Analytical Sciences, 2016, 20, 436-443.	0.1	26
20	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. Journal of Dispersion Science and Technology, 2016, 37, 544-554.	2.4	21
21	Supported liquid membrane extraction of nickel using stable composite SPEEK/PVDF support impregnated with a sustainable liquid membrane. Journal of Hazardous Materials, 2019, 380, 120895.	12.4	21
22	Extraction and recovery optimization of succinic acid using green emulsion liquid membrane containing palm oil as the diluent. Environmental Progress and Sustainable Energy, 2019, 38, e13065.	2.3	21
23	Removal of Red 3BS Dye from Wastewater using Emulsion Liquid Membrane Process. Journal of Applied Sciences, 2011, 11, 1406-1410.	0.3	21
24	Removal performance of lignin compound from simulated pulping wastewater using emulsion liquid membrane process. International Journal of Global Warming, 2014, 6, 270.	0.5	20
25	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. Chemical Engineering Research and Design, 2018, 137, 360-375.	5.6	20
26	Extraction of Rhodamine 6G Dye from Liquid Waste Solution: Study on Emulsion Liquid Membrane Stability Performance and Recovery. Separation Science and Technology, 2013, 48, 1177-1183.	2.5	19
27	Selective extraction and recovery of polyphenols from palm oil mill sterilization condensate using emulsion liquid membrane process. Environmental Science and Pollution Research, 2020, 27, 23246-23257.	5.3	19
28	Recovery of ionized nanosilver by emulsion liquid membrane process and parameters optimization using response surface methodology. Desalination and Water Treatment, 2016, 57, 3339-3349.	1.0	18
29	Response surface optimization of kraft lignin recovery from pulping wastewater through emulsion liquid membrane process. Desalination and Water Treatment, 2016, 57, 7823-7832.	1.0	18
30	Synergism of Aliquat336-D2EHPA as carrier on the selectivity of organic compound dyes extraction via emulsion liquid membrane process. Separation and Purification Technology, 2020, 239, 116527.	7.9	16
31	Fabrication of polypropylene membrane via thermally induced phase separation as a support matrix of tridodecylamine supported liquid membrane for Red 3BS dye removal. Desalination and Water Treatment, 2016, 57, 12287-12301.	1.0	15
32	Extraction of reactive dye via synergistic Aliquat 336/D2EHPA using emulsion liquid membrane system. Korean Journal of Chemical Engineering, 2020, 37, 141-150.	2.7	14
33	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
34	Synergetic formulation of Cyanex 272/Cyanex 302 for hexavalent chromium removal from electroplating wastewater. Korean Journal of Chemical Engineering, 2021, 38, 514-522.	2.7	11
35	REMOVAL AND RECOVERY OF CHROMIUM(VI) ION VIA TRI-N-OCTYL METHYLAMMONIUMCHLORIDE-KEROSENE POLYPROPYLENE SUPPORTED LIQUID MEMBRANE. Malaysian Journal of Analytical Sciences, 2017, 21, 416-425.	0.1	11
36	Emulsion liquid membrane modeling for chromium removal from electroplating wastewater using TOMAC as a carrier. Water Environment Research, 2021, 93, 1669-1679.	2.7	9

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37	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
38	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
39	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
40	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
41	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
42	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
43	Extraction of Lignosulfonate using TOA-Kerosene-PVDF in Supported Liquid Membrane Process. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	5
44	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
45	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
46	Phenol recovery using continuous emulsion liquid membrane (CELM) process. <i>Chemical Engineering Communications</i> , 2021, 208, 483-499.	2.6	5
47	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
48	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
49	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
50	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
51	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
52	Enzymatic Hydrolysis of Used Cooking Oil Using Immobilized Lipase. , 2018, , 119-130.		4
53	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
54	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

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55	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
56	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
57	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
58	Recovery of Ionized Nanosilver from Wash Water Solution using Emulsion Liquid Membrane Process. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013, 65, .	0.4	1
59	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
60	Liquid Membrane Component Selection for Succinic Acid Extraction. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	1
61	Performance of Electrostatic Field in Continuous Demulsification of Simulated Crude Oil Emulsion. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	1
62	Removal of Phenol from Wastewater by Supported Liquid Membrane Process. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	1
63	Numerical Prediction Performance of Kraft Lignin Extraction Using Boundary Breakage Model. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	1
64	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
65	Liquid Membrane Formulation for Succinic Acid Extraction from Simulated Aqueous Waste Solution. , 2015, , 51-59.		1
66	Extraction Of Remazol Brilliant Orange 3R From Textile Wastewater Using Tetrabutyl Ammonium Bromide. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 0, , .	0.4	1
67	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
68	Bio-composite Nonwoven Media Based on Chitosan and Empty Fruit Bunches for Wastewater Application. , 2011, , .		0
69	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
70	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
71	Removal of Oily Wastewater Using Chitosan-filled Filter Media. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 67, .	0.4	0
72	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

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73	Effects of the Initial Rice Bran Concentration on the Production of Lactobacillus casei as Digestive Bio-regulator. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	0
74	Adsorption of Trypsin Onto Chitosan/PSf Affinity Membranes: Effects of Physio-chemical Environment. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	0
75	Red 3BS dye extraction in liquid surfactant membrane using continuous extractive reactor process. Journal of Physics: Conference Series, 2021, 1874, 012068.	0.4	0
76	Parameter Study of Ionized Nanosilver Recovery from Wash Water using Emulsion Liquid Membrane Process. Jurnal Teknologi (Sciences and Engineering), 2014, 67, .	0.4	0
77	Recovery of Synthetic Dye Red 3BS from Simulated Wastewater using Supported Liquid Membrane Process Containing Immobilized Kerosene-tridodecylamine Liquid Membrane. Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	0
78	Empirical correlation of stable double emulsion system of organic compound extraction in emulsion liquid membrane process. Malaysian Journal of Fundamental and Applied Sciences, 2022, 18, 197-205.	0.8	0
79	Prediction of Zinc Extraction using Facilitated Emulsion Liquid Membrane Model. Malaysian Journal of Fundamental and Applied Sciences, 2022, 18, 206-217.	0.8	0