

Yusuf Wibisono

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

498
citations

10
h-index

21
g-index

79
ext. papers

690
ext. citations

2.3
avg, IF

4.19
L-index

#	Paper	IF	Citations
56	A Review on Recent Progress in Membrane Distillation Crystallization. <i>ChemBioEng Reviews</i> , 2022 , 9, 93-109	5.2	0
55	Functional Design of Pocket Fertigation under Specific Microclimate and Irrigation Rates: A Preliminary Study. <i>Agronomy</i> , 2022 , 12, 1362	3.6	0
54	Ultra-Low-Pressure Membrane Filtration for Simultaneous Recovery of Detergent and Water from Laundry Wastewater. <i>Membranes</i> , 2022 , 12, 591	3.8	1
53	Progress in Development of Nanostructured Manganese Oxide as Catalyst for Oxygen Reduction and Evolution Reaction. <i>Energies</i> , 2021 , 14, 6385	3.1	1
52	Effect of carbonisation temperature and activating agents on the characteristics of activated carbon produced from oil palm empty fruit bunch. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 733, 012004	0.3	0
51	Drying cabya (<i>Piper retrofractum</i> Vahl.) at three ripeness stages. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 733, 012011	0.3	0
50	Systematic Characterization of Nanostructured Lipid Carriers from Cetyl Palmitate/Caprylic Triglyceride/Tween 80 Mixtures in an Aqueous Environment. <i>Langmuir</i> , 2021 , 37, 4284-4293	4	0
49	Moisture Sorption Isotherm and Isosteric Heat of Butterfly-pea Flowers (<i>Clitoria ternatea</i>). <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 757, 012028	0.3	1
48	Membrane Filtration as Post-Treatment of Rotating Biological Contactor for Wastewater Treatment. <i>Sustainability</i> , 2021 , 13, 7287	3.6	3
47	Effect of electrolyte thickness manipulation on enhancing carbon deposition resistance of methane-fueled solid oxide fuel cell. <i>International Journal of Energy Research</i> , 2021 , 45, 2837-2855	4.5	2
46	Synthesis of Polyurethane Membranes Derived from Red Seaweed Biomass for Ammonia Filtration. <i>Membranes</i> , 2021 , 11,	3.8	1
45	Engineered spacers for fouling mitigation in pressure driven membrane processes: Progress and projection. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106285	6.8	4
44	Development of Chitosan/Starch-Based Forward Osmosis Water Filtration Bags for Emergency Water Supply. <i>Membranes</i> , 2020 , 10,	3.8	3
43	Prediction of size reduction by batch ball milling process for crab shell powder prior hydroxyapatite conversion. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 542, 012011	0.3	1
42	Modeling and optimization of palm oil moisture loss as biodiesel pretreatment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 456, 012035	0.3	
41	Modeling and Optimization of Total Phenol of Tamarillo Seed Extract Using Response Surface Method. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 515, 012076	0.3	
40	Implementation of drinking water treatment device for primary school students and teachers (Case study at SDIT Insantama Malang, Indonesia). <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 524, 012023	0.3	

39	Some physical and mechanical properties of fermented Keluwak (<i>Pangium edule</i> Reinw) seed. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 475, 012008	0.3	
38	Insight into the Sustainable Integration of Bio- and Petroleum Refineries for the Production of Fuels and Chemicals. <i>Polymers</i> , 2020 , 12,	4.5	6
37	Antibacterial activity of cocoa pod husk phenolic extract against <i>Escherichia coli</i> for food processing. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 475, 012006	0.3	0
36	<i>Chlorella vulgaris</i> broth harvesting via standalone forward osmosis using seawater draw solution. <i>Bioresource Technology Reports</i> , 2020 , 9, 100394	4.1	12
35	Design of forward osmosis system 2020 , 57-83		1
34	Recent progress in integrated fixed-film activated sludge process for wastewater treatment: A review. <i>Journal of Environmental Management</i> , 2020 , 268, 110718	7.9	50
33	Membrane Technology for Microalgae Harvesting 2020 , 97-110		2
32	Garlic-based phenolic nanopowder as antibiofouling agent in mixed-matrix membrane. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 542, 012005	0.3	0
31	Feasibility study on the use of UV/Vis spectroscopy to measure total phenolic compound and pH in apple (<i>Malus sylvestris</i> L.) cv. Manalagi. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 475, 012003	0.3	
30	Computational fluid dynamics analysis of mini membrane module flow behavior. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 475, 012009	0.3	
29	Facile Approaches of Polymeric Face Masks Reuse and Reinforcements for Micro-Aerosol Droplets and Viruses Filtration: A Review. <i>Polymers</i> , 2020 , 12,	4.5	22
28	The Water Flux Dynamic in a Hybrid Forward Osmosis-Membrane Distillation for Produced Water Treatment. <i>Membranes</i> , 2020 , 10,	3.8	4
27	Hybridization of nitrogen compounds and hydroxyapatite: a slowly released fertiliser for water sustainability. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 475, 012005	0.3	1
26	Extraction of Phenol and Antioxidant Compounds from Kepok Banana Skin with PEF Pre-Treatment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 305, 012065	0.3	5
25	Microstructure changes of taro (<i>Colocasia esculenta</i> L. Schott) chips and grains during drying. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 230, 012008	0.3	1
24	Effect of Carbonization Temperature Variations and Activator Agent Types on Activated Carbon Characteristics of Sengon Wood Waste (<i>Paraserianthes falcataria</i> (L.)Nielsen). <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 239, 012006	0.3	2
23	Unravelling the Potency of Activated Carbon Powder Derived from Cultivated Marine Microalgae as a Promising Filler in Mixed Matrix Membranes. <i>AgriEngineering</i> , 2019 , 1, 188-204	2.2	2
22	High-Throughput Microfiltration Membranes with Natural Biofouling Reducer Agent for Food Processing. <i>Processes</i> , 2019 , 7, 1	2.9	103

21	Design and performance of bioreactor for fermentative biogas production from marine microalgae. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 230, 012009	0.3	2
20	Intelligent Precision Nitrogen Fertilizer Application Based on Speaking Plant Approach for Environmental Sustainability. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 239, 012027	0.3	1
19	Membrane Surface Patterning as a Fouling Mitigation Strategy in Liquid Filtration: A Review. <i>Polymers</i> , 2019 , 11,	4.5	27
18	Design and Performance of Ethanol Purification Tests Using Poly Ether Sulfone Composite Membrane in The Membrane Pervaporation Process. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 546, 032014	0.4	
17	Microalgae in Food-Energy-Water Nexus: A Review on Progress of Forward Osmosis Applications. <i>Membranes</i> , 2019 , 9,	3.8	9
16	Halal Compliance on Drinking Water Industries: A Future Perspective 2018 , 555-564		
15	Bioceramics synthesis of hydroxyapatite from red snapper fish scales biowaste using wet chemical precipitation route. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 131, 012038	0.3	7
14	Marine microalgae <i>Nannochloropsis oculata</i> biomass harvesting using ultrafiltration in cross-flow mode. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 131, 012042	0.3	3
13	Image Analysis using Color Co-occurrence Matrix Textural Features for Predicting Nitrogen Content in Spinach. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2018 , 16, 2712	1.4	4
12	Synthesis and Sinterability of Hydroxyapatite from Fishery by-products. <i>Journal of the Korean Ceramic Society</i> , 2018 , 55, 570-575	2.2	8
11	Microwave-assisted extraction of phenolic compounds from <i>Moringa oleifera</i> seed as anti-biofouling agents in membrane processes. <i>MATEC Web of Conferences</i> , 2018 , 204, 03003	0.3	6
10	Low cost carbon electrodes to produce salinity gradient energy using reverse electrodialysis membranes: Effect of feed flow velocities and addition of Mg ²⁺ . <i>MATEC Web of Conferences</i> , 2018 , 197, 09006	0.3	2
9	Enhanced antibiofouling properties of chitosan-based membranes by coating and blending of <i>Moringa Oleifera</i> L extracts. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012191	0.4	4
8	Dominant factors controlling the efficiency of two-phase flow cleaning in spiral-wound membrane elements. <i>Desalination and Water Treatment</i> , 2016 , 57, 17625-17636		10
7	Hydrogel-coated feed spacers in two-phase flow cleaning in spiral wound membrane elements: a novel platform for eco-friendly biofouling mitigation. <i>Water Research</i> , 2015 , 71, 171-86	12.5	24
6	Biofouling removal in spiral-wound nanofiltration elements using two-phase flow cleaning. <i>Journal of Membrane Science</i> , 2015 , 475, 131-146	9.6	34
5	Concentration Boundary Layer in Membrane Degumming: A CFD Model and Neural Network Approach. <i>Procedia Environmental Sciences</i> , 2015 , 28, 224-233		4
4	Two-phase flow in membrane processes: A technology with a future. <i>Journal of Membrane Science</i> , 2014 , 453, 566-602	9.6	102

- 3 Dry Degumming of Corn-oil for Biodiesel Using a Tubular Ceramic Membrane. *Procedia Chemistry*, **2014**, 9, 210-219 13
- 2 Influence of Feed Spacer Geometries on Air/Water Cleaning in Spiral Wound Membrane Elements. *Procedia Engineering*, **2012**, 44, 613-617 3
- 1 Two-phase flow for fouling control in membranes 2