

Yusuf Wibisono

List of Publications by Citations

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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	High-Throughput Microfiltration Membranes with Natural Biofouling Reducer Agent for Food Processing. <i>Processes</i> , 2019 , 7, 1	2.9	103
55	Two-phase flow in membrane processes: A technology with a future. <i>Journal of Membrane Science</i> , 2014 , 453, 566-602	9.6	102
54	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
53	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
52	Membrane Surface Patterning as a Fouling Mitigation Strategy in Liquid Filtration: A Review. <i>Polymers</i> , 2019 , 11,	4.5	27
51	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
50	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
49	Dry Degumming of Corn-oil for Biodiesel Using a Tubular Ceramic Membrane. <i>Procedia Chemistry</i> , 2014 , 9, 210-219		13
48	Chlorella vulgaris broth harvesting via standalone forward osmosis using seawater draw solution. <i>Bioresource Technology Reports</i> , 2020 , 9, 100394	4.1	12
47	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
46	Microalgae in Food-Energy-Water Nexus: A Review on Progress of Forward Osmosis Applications. <i>Membranes</i> , 2019 , 9,	3.8	9
45	Synthesis and Sinterability of Hydroxyapatite from Fishery by-products. <i>Journal of the Korean Ceramic Society</i> , 2018 , 55, 570-575	2.2	8
44	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
43	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
42	Microwave-assisted extraction of phenolic compounds from Moringa oleifera seed as anti-biofouling agents in membrane processes. <i>MATEC Web of Conferences</i> , 2018 , 204, 03003	0.3	6
41	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
40	Concentration Boundary Layer in Membrane Degumming: A CFD Model and Neural Network Approach. <i>Procedia Environmental Sciences</i> , 2015 , 28, 224-233		4

39	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
38	The Water Flux Dynamic in a Hybrid Forward Osmosis-Membrane Distillation for Produced Water Treatment. <i>Membranes</i> , 2020 , 10,	3.8	4
37	Enhanced antibiofouling properties of chitosan-based membranes by coating and blending of Moringa Oleifera L extracts. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 434, 012191	0.4	4
36	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
35	Development of Chitosan/Starch-Based Forward Osmosis Water Filtration Bags for Emergency Water Supply. <i>Membranes</i> , 2020 , 10,	3.8	3
34	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
33	Influence of Feed Spacer Geometries on Air/Water Cleaning in Spiral Wound Membrane Elements. <i>Procedia Engineering</i> , 2012 , 44, 613-617		3
32	Membrane Filtration as Post-Treatment of Rotating Biological Contactor for Wastewater Treatment. <i>Sustainability</i> , 2021 , 13, 7287	3.6	3
31	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
30	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
29	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
28	Two-phase flow for fouling control in membranes		2
27	Membrane Technology for Microalgae Harvesting 2020 , 97-110		2
26	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
25	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
24	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
23	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
22	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

21	Design of forward osmosis system 2020 , 57-83		1
20	Progress in Development of Nanostructured Manganese Oxide as Catalyst for Oxygen Reduction and Evolution Reaction. <i>Energies</i> , 2021 , 14, 6385	3.1	1
19	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
18	Moisture Sorption Isotherm and Isotheric Heat of Butterfly-pea Flowers (<i>Clitoria ternatea</i>). <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 757, 012028	0.3	1
17	Synthesis of Polyurethane Membranes Derived from Red Seaweed Biomass for Ammonia Filtration. <i>Membranes</i> , 2021 , 11,	3.8	1
16	Ultra-Low-Pressure Membrane Filtration for Simultaneous Recovery of Detergent and Water from Laundry Wastewater. <i>Membranes</i> , 2022 , 12, 591	3.8	1
15	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
14	A Review on Recent Progress in Membrane Distillation Crystallization. <i>ChemBioEng Reviews</i> , 2022 , 9, 93-109	5.2	0
13	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
12	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
11	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
10	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
9	Functional Design of Pocket Fertigation under Specific Microclimate and Irrigation Rates: A Preliminary Study. <i>Agronomy</i> , 2022 , 12, 1362	3.6	0
8	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	
7	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	
6	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	
5	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	
4	Halal Compliance on Drinking Water Industries: A Future Perspective 2018 , 555-564		

- 3 Design and Performance of Ethanol Purification Tests Using Poly Ether Sulfone Composite Membrane in The Membrane Pervaporation Process. *IOP Conference Series: Materials Science and Engineering*, **2019**, 546, 032014 0.4
- 2 Feasibility study on the use of UV/Vis spectroscopy to measure total phenolic compound and pH in apple (*Malus sylvestris* L.) cv. Manalagi. *IOP Conference Series: Earth and Environmental Science*, **2020**, 475, 012003 0.3
- 1 Computational fluid dynamics analysis of mini membrane module flow behavior. *IOP Conference Series: Earth and Environmental Science*, **2020**, 475, 012009 0.3