

Purwanto Purwanto

List of Publications by Year in descending order

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papers

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citations

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157
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Analysis of COVID-19 Spread with Emerging Hotspot Analysis and Space-Time Cube Models in East Java, Indonesia. ISPRS International Journal of Geo-Information, 2021, 10, 133.	2.9	53
2	Advanced Chemical Reactor Technologies for Biodiesel Production from Vegetable Oils - A Review. Bulletin of Chemical Reaction Engineering and Catalysis, 2016, 11, 406-430.	1.1	38
3	Application of aspen plus for municipal solid waste plasma gasification simulation: case study of Jatibarang Landfill in Semarang Indonesia. Journal of Physics: Conference Series, 2018, 1025, 012006.	0.4	10
4	Preliminary Testing of Hybrid Catalytic-Plasma Reactor for Biodiesel Production Using Modified-Carbon Catalyst. Bulletin of Chemical Reaction Engineering and Catalysis, 2016, 11, 59-65.	1.1	9
5	Effects of Weight Hourly Space Velocity and Catalyst Diameter on Performance of Hybrid Catalytic-Plasma Reactor for Biodiesel Synthesis over Sulphated Zinc Oxide Acid Catalyst. Bulletin of Chemical Reaction Engineering and Catalysis, 2017, 12, 227-234.	1.1	8
6	Kinetic Study of Anaerobic Digestion of Ketchup Industry Wastewater in a Three-stages Anaerobic Baffled Reactor (ABR). Bulletin of Chemical Reaction Engineering and Catalysis, 2019, 14, 326.	1.1	8
7	Modeling of Domestic Wastewater Treatment Facultative Stabilization Ponds. International Journal of Technology, 2015, 6, 689.	0.8	7
8	MATHEMATICAL MODELING REGIME STEADY STATE FOR DOMESTIC WASTEWATER TREATMENT FACULTATIVE STABILIZATION PONDS. Journal of Urban and Environmental Engineering, 0, , 293-301.	0.3	7
9	QUANTIFICATION OF GREENHOUSE GAS EMISSIONS FROM MUNICIPAL SOLID WASTE RECYCLING AND DISPOSAL IN MALANG CITY INDONESIA. Journal of Ecological Engineering, 2017, 18, 74-82.	1.1	6
10	CHARACTERISTICS AND HOUSEHOLD TOXIC HAZARDOUS WASTE GENERATION BASED ON ECONOMIC STATUS AND TOPOGRAPHIC REGIONS IN SEMARANG CITY, INDONESIA. Journal of Ecological Engineering, 2017, 18, 8-17.	1.1	6
11	A Kriging Method for Mapping Underground Mine Air Pollution. Advanced Science Letters, 2017, 23, 2329-2332.	0.2	5
12	Undip Initiative for Sustainability (UNITY): A University Sustainability Program. E3S Web of Conferences, 2018, 73, 02003.	0.5	4
13	An Application of Improved MODIS-Based Potential Evapotranspiration Estimates in a Humid Tropic Brantas Watershed—Implications for Agricultural Water Management. ISPRS International Journal of Geo-Information, 2022, 11, 182.	2.9	4
14	Enhancing Biodiesel from Kemiri Sunan Oil Manufacturing using Ultrasonics. E3S Web of Conferences, 2018, 31, 02014.	0.5	3
15	Characteristics and Generation of Household Hazardous Waste (HHW) in Semarang City Indonesia. E3S Web of Conferences, 2018, 31, 09026.	0.5	3
16	Assessing Bedul Mangrove Ecotourism Using Green and Fair Strategy Empowerment to Fulfill SDGs 2030 Agenda for Tourism. Environmental Research, Engineering and Management, 2022, 78, 73-87.	1.0	3
17	Integration of Cleaner Production and Waste Water Treatment on Tofu Small Industry for Biogas Production using AnSBR Reactor. E3S Web of Conferences, 2018, 31, 03010.	0.5	2
18	The Management Of Toxic and Hazardous Waste Materials In The Food Industry. E3S Web of Conferences, 2018, 73, 07020.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Life Cycle Assessment and Quality of Utilization of Paint Waste as a Raw Material of Paving Block. <i>Journal of Ecological Engineering</i> , 2020, 21, 89-94.	1.1	2
20	Consequences of Mercury Used by Artisanal and Small-Scale Gold Mining Processes – A Case of River Nile State Sudan. <i>Journal of Ecological Engineering</i> , 2019, 20, 106-115.	1.1	2
21	Transformation of Geospatial Technology Knowledge in Pre-service and Experienced Geography Teachers as Pedagogical Tools in the Technological-Pedagogical-Content Knowledge Framework. <i>International Journal of Learning, Teaching and Educational Research</i> , 2020, 19, 58-76.	0.6	2
22	Organic pollutant degradation of tapioca flour industrial waste with photo-fenton reaction. <i>MATEC Web of Conferences</i> , 2018, 156, 03048.	0.2	1
23	Potential Formation of Acid Mine Drainage In Putra Perkasa Abadi Coal Mining Company - Girimulya Site (BIB), Tanah Bumbu Regency, South Kalimantan. <i>E3S Web of Conferences</i> , 2018, 73, 04003.	0.5	1
24	The Use of Paint Waste as A Raw Material of Paving Block. <i>E3S Web of Conferences</i> , 2018, 73, 07001.	0.5	1
25	Drinking Water Risk Management Plan: A Case Study in the Ore Processing Industry. <i>Safety</i> , 2019, 5, 58.	1.7	1
26	Understanding and Efforts of Furniture Industries Facing Eco-Labeling in Central Java and Yogyakarta-Indonesia. <i>International Journal of Technology</i> , 2016, 7, 810.	0.8	1
27	Decolorization of industrial wastewater using electrochemical peroxidation process. <i>Journal of Electrochemical Science and Engineering</i> , 0, , .	3.5	1
28	The Effects of Sodium Hydroxide (NaOH) Concentration and Reaction Temperature on The Properties of Biodiesel from Philippine Tung (<i>Reutealis Trisperma</i>) Seeds. <i>Automotive Experiences</i> , 2021, 5, 57-67.	0.9	1
29	Biogas Productivity as Renewable Energy and Performance of Waste Water Treatment in Tofu Small Scale Industry using an AnSBR Reactor. <i>MATEC Web of Conferences</i> , 2018, 156, 03049.	0.2	0
30	Ecological Implications of the Dynamics of Water Volume Growth in a Reservoir. <i>Ecological Engineering and Environmental Technology</i> , 2021, 22, 22-29.	0.7	0