

# Setijo Bismo

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

243  
citations

1478280

6  
h-index

1058333

14  
g-index

31  
all docs

31  
docs citations

31  
times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Loading Silica for Supporting Carbon Black Filler to Prevent Degradation Natural Rubber Caused DME. MATEC Web of Conferences, 2021, 333, 13001.	0.1	0
2	Comparative study of natural zeolite, activated carbon and green sand as a catalyst support for ozone decomposition. AIP Conference Proceedings, 2020, , .	0.3	0
3	Performance analysis and water quality after ozone application in closed circuit cooling tower systems. AIP Conference Proceedings, 2019, , .	0.3	2
4	Analysis of the effectiveness of ozonation on corrosion and bacteria on closed system cooling towers. AIP Conference Proceedings, 2019, , .	0.3	2
5	Synthetic shampoo liquid waste treatment with ozonation: Case study with peroxone and activated carbon. AIP Conference Proceedings, 2019, , .	0.3	0
6	Performance of phenolic wastewater degradation with ozonation and catalytic ozonation technique in multi injection bubble column reactor. AIP Conference Proceedings, 2019, , .	0.3	0
7	Degradation of batik dye wastewater in basic condition by ozonation technique in bubble column reactor. E3S Web of Conferences, 2018, 67, 04019.	0.2	2
8	Waste treatment of remazol blue compounds based on ozonation/AOP in a bubble column reactor. E3S Web of Conferences, 2018, 67, 04017.	0.2	0
9	Ozone generation process using parallel plates plasma reactor at room temperature. E3S Web of Conferences, 2018, 67, 04016.	0.2	0
10	Performance of novel dielectric barrier discharge reactor for biodiesel production from palm oil and ethanol. E3S Web of Conferences, 2018, 67, 02010.	0.2	2
11	Comparative study of AC and DC breakdown voltages in Jatropha methyl ester oil, mineral oil, and their mixtures. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 1831-1836.	1.8	45
12	Ozone Technology for Domestic Water Consumption Supply in Puri Sartika Housing, Gunungpati, Semarang, Indonesia. , 2018, , .		0
13	Ozone Technology for Domestic Water Consumption Supply in Puri Sartika Housing, Gunungpati, Semarang, Indonesia. , 2018, , .		0
14	Disinfection of Escherichia coli bacteria using hybrid method of ozonation and hydrodynamic cavitation with orifice plate. AIP Conference Proceedings, 2017, , .	0.3	4
15	Statistical analysis of AC and DC breakdown voltage of JMEO (Jatropha methyl ester oil), mineral oil and their mixtures. , 2017, , .		6
16	Modification of Natural Rubber as a Resistant Material to Dimethyl Ether. Journal of Applied Sciences, 2017, 17, 53-60.	0.1	7
17	Jatropha curcas methyl ester oil obtaining as vegetable insulating oil. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 2021-2028.	1.8	50
18	Degradation Characteristics of Vulcanized Natural Rubber by Dimethyl Ether through Filler and Plasticizer Composition Variations. International Journal of Technology, 2016, 7, 616.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Pre-breakdown phenomena in new vegetable oil - based jatropha curcas seeds as substitute of mineral oil in high voltage equipment. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 2442-2448.	1.8	30
20	Creeping discharges over pressboard immersed in jatropha curcas methyl ester and mineral oils. , 2015, , .		7
21	Comparison of statistical breakdown voltages in jatropha curcas methyl ester oil and mineral oil under AC voltage. , 2015, , .		6
22	The Effect of Styrene Monomer in the Graft Copolymerization of Acrylonitrile onto Deproteinized Natural Rubber. International Journal of Technology, 2015, 6, 1164.	0.4	5
23	Phenol Degradation in Wastewater with a Contact Glow Discharge Electrolysis Reactor using a Sodium Sulfate. International Journal of Technology, 2015, 6, 1153.	0.4	7
24	Physicochemical and electrical properties of jatropha curcas methyl ester oil as a substitute for mineral oil. , 2014, , .		13
25	Comparison of streamers characteristics in jatropha curcas methyl ester oil and mineral oil under lightning impulse voltage. , 2014, , .		8
26	Decomposition of Carbon Dioxide in the Threeâ€pass Flow DBD Nonâ€thermal Plasma Reactor. International Journal of Technology, 2014, 5, 51.	0.4	3
27	Carbon Dioxide Conversion to Synthesis Gas when Combined with Methane using a New Designed of Non-thermal Plasma Reactor. Journal of Environmental Science and Technology, 2014, 7, 226-235.	0.3	1
28	Significance of Acoustic and Hydrodynamic Cavitations in Enhancing Ozone Mass Transfer. Ozone: Science and Engineering, 2013, 35, 482-488.	1.4	10
29	Effects of magnetic field on calcium carbonate precipitation: Ionic and particle mechanisms. Korean Journal of Chemical Engineering, 2008, 25, 1145-1150.	1.2	22
30	Modelling of a new parallel-flow CVD reactor for low pressure silicon deposition. Chemical Engineering Science, 1992, 47, 2921-2926.	1.9	5
31	Effectiveness of Ozonation Process on Treating Tofu Industrial Liquid Waste: Effect of pH Conditions. Materials Science Forum, 0, 981, 336-341.	0.3	1