

Setijo Bismo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8687885/publications.pdf>

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 | Jatropha curcas methyl ester oil obtaining as vegetable insulating oil. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 2021-2028. | 1.8 | 50 |
| 2 | 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 |
| 3 | 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 |
| 4 | Effects of magnetic field on calcium carbonate precipitation: Ionic and particle mechanisms. Korean Journal of Chemical Engineering, 2008, 25, 1145-1150. | 1.2 | 22 |
| 5 | Physicochemical and electrical properties of jatropha curcas methyl ester oil as a substitute for mineral oil. , 2014, , . | | 13 |
| 6 | Significance of Acoustic and Hydrodynamic Cavitations in Enhancing Ozone Mass Transfer. Ozone: Science and Engineering, 2013, 35, 482-488. | 1.4 | 10 |
| 7 | Comparison of streamers characteristics in jatropha curcas methyl ester oil and mineral oil under lightning impulse voltage. , 2014, , . | | 8 |
| 8 | Creeping discharges over pressboard immersed in jatropha curcas methyl ester and mineral oils. , 2015, , . | | 7 |
| 9 | 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 |
| 10 | Modification of Natural Rubber as a Resistant Material to Dimethyl Ether. Journal of Applied Sciences, 2017, 17, 53-60. | 0.1 | 7 |
| 11 | Comparison of statistical breakdown voltages in jatropha curcas methyl ester oil and mineral oil under AC voltage. , 2015, , . | | 6 |
| 12 | Statistical analysis of AC and DC breakdown voltage of JMEO (Jatropha methyl ester oil), mineral oil and their mixtures. , 2017, , . | | 6 |
| 13 | Modelling of a new parallel-flow CVD reactor for low pressure silicon deposition. Chemical Engineering Science, 1992, 47, 2921-2926. | 1.9 | 5 |
| 14 | 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 |
| 15 | 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 |
| 16 | Disinfection of Escherichia coli bacteria using hybrid method of ozonation and hydrodynamic cavitation with orifice plate. AIP Conference Proceedings, 2017, , . | 0.3 | 4 |
| 17 | Decomposition of Carbon Dioxide in the Threeâ€pass Flow DBD Nonâ€thermal Plasma Reactor. International Journal of Technology, 2014, 5, 51. | 0.4 | 3 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | Performance analysis and water quality after ozone application in closed circuit cooling tower systems. AIP Conference Proceedings, 2019, , . | 0.3 | 2 |
| 21 | Analysis of the effectiveness of ozonation on corrosion and bacteria on closed system cooling towers. AIP Conference Proceedings, 2019, , . | 0.3 | 2 |
| 22 | Effectiveness of Ozonation Process on Treating Tofu Industrial Liquid Waste: Effect of pH Conditions. Materials Science Forum, 0, 981, 336-341. | 0.3 | 1 |
| 23 | 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 |
| 24 | 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 |
| 25 | Ozone generation process using parallel plates plasma reactor at room temperature. E3S Web of Conferences, 2018, 67, 04016. | 0.2 | 0 |
| 26 | Synthetic shampoo liquid waste treatment with ozonation: Case study with peroxone and activated carbon. AIP Conference Proceedings, 2019, , . | 0.3 | 0 |
| 27 | Performance of phenolic wastewater degradation with ozonation and catalytic ozonation technique in multi injection bubble column reactor. AIP Conference Proceedings, 2019, , . | 0.3 | 0 |
| 28 | Comparative study of natural zeolite, activated carbon and green sand as a catalyst support for ozone decomposition. AIP Conference Proceedings, 2020, , . | 0.3 | 0 |
| 29 | Loading Silica for Supporting Carbon Black Filler to Prevent Degradation Natural Rubber Caused DME. MATEC Web of Conferences, 2021, 333, 13001. | 0.1 | 0 |
| 30 | Ozone Technology for Domestic Water Consumption Supply in Puri Sartika Housing, Gunungpati, Semarang, Indonesia. , 2018, , . | | 0 |
| 31 | Ozone Technology for Domestic Water Consumption Supply in Puri Sartika Housing, Gunungpati, Semarang, Indonesia. , 2018, , . | | 0 |