

Hary Devianto

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of Hydrocarbon Concentration on Biocorrosion of Carbon Steel by <i>Bacillus megaterium</i> in Produced Water System. <i>Journal of Bio- and Tribo-Corrosion</i> , 2022, 8, 1.	1.2	3
2	Sustainable Diesel from Pyrolysis of Unsaturated Fatty Acid Basic Soaps: The Effect of Temperature on Yield and Product Composition. <i>Molecules</i> , 2022, 27, 667.	1.7	3
3	Synthesis and Characterization of Hydrochar and Bio-oil from Hydrothermal Carbonization of <i>Sargassum</i> sp. using Choline Chloride (ChCl) Catalyst. <i>International Journal of Renewable Energy Development</i> , 2022, 11, 403-412.	1.2	9
4	Coke-Resistant Ni/CeZrO ₂ Catalysts for Dry Reforming of Methane to Produce Hydrogen-Rich Syngas. <i>Nanomaterials</i> , 2022, 12, 1556.	1.9	13
5	Urea nitrogenated mesoporous activated carbon derived from oil palm empty fruit bunch for high-performance supercapacitor. <i>Journal of Energy Storage</i> , 2022, 52, 104724.	3.9	36
6	Influence of axenic culture of <i>Bacillus clausii</i> and mixed culture on biofilm formation, carbon steel corrosion, and methyl ester degradation in B30 storage tank system. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108013.	3.3	6
7	Performance Evaluation of An Electrolyte-Supported Intermediate-Temperature Solid Oxide Fuel Cell (IT-SOFC) with Low-Cost Materials. <i>International Journal of Renewable Energy Development</i> , 2022, 11, 1037-1042.	1.2	0
8	Synthesis of activated carbon from salacca peel with hydrothermal carbonization for supercapacitor application. <i>Materials Today: Proceedings</i> , 2021, 44, 3268-3272.	0.9	11
9	Photocatalytic Degradation of Palm Oil Mill Effluent (POME) Waste Using BiVO ₄ Based Catalysts. <i>Molecules</i> , 2021, 26, 6225.	1.7	11
10	Electrochemical reduction of CO ₂ to Formic Acid on Pb-Sn Alloy Cathode. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 823, 012053.	0.3	5
11	Synthesis of activated carbon from Salacca peel using hydrothermal carbonization and microwave assisted chemical activation as promising supercapacitor's electrode. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	3
12	The Effect of Flow Rate and NaCl Concentration on the Corrosion Behavior of Carbon Steel in NaCl Solutions Containing H ₂ S. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 778, 012137.	0.3	1
13	Catalytic oxidation of benzene at low temperature over novel combination of metal oxide based catalysts: CuO, MnO ₂ , NiO with Ce _{0.75} Zr _{0.25} O ₂ as support. <i>Materials Today Chemistry</i> , 2020, 17, 100305.	1.7	9
14	Development of Electrode Deposition Methods for Scale-up of Dye Sensitized Solar Cells. <i>Journal of Engineering and Technological Sciences</i> , 2020, 52, 81-94.	0.3	0
15	Evaluation of Bio-Corrosion on Carbon Steel by <i>Bacillus Megaterium</i> in Biodiesel and Diesel Oil Mixture. <i>Journal of Engineering and Technological Sciences</i> , 2020, 52, 370-384.	0.3	6
16	Activated carbon from citric acid catalyzed hydrothermal carbonization and chemical activation of salacca peel as potential electrode for lithium ion capacitor's cathode. <i>Ionics</i> , 2019, 25, 3915-3925.	1.2	42
17	Influence of Electrode Distance on Electrical Energy Production of Microbial Fuel Cell using Tapioca Wastewater. <i>Journal of Engineering and Technological Sciences</i> , 2019, 50, 841.	0.3	4
18	Catalytic oxidation of benzene using nano-CuO/ γ -Al ₂ O ₃ and commercial catalysts. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 105, 012039.	0.2	1

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19	Manufacturing Carbon Material by Carbonization of Cellulosic Palm Oil Waste for Supercapacitor Material. MATEC Web of Conferences, 2018, 156, 03018.	0.1	14
20	Water content effect on biofilm formation and bio-corrosion process in biodiesel-diesel storage tank. International Journal of Engineering and Technology(UAE), 2018, 7, 2009.	0.2	4
21	Hazard Assessment of LNG Loading-Unloading Process in Cirebon Port. Reaktor, 2018, 18, 117.	0.2	1
22	Influence of incubation temperature on biofilm formation and corrosion of carbon steel by <i>Serratia marcescens</i> . AIP Conference Proceedings, 2017, , .	0.3	6
23	Nano carbon materials from palm oil wastes for supercapacitor applications. , 2017, , .		4
24	INFLUENCE OF INITIAL pH SOLUTION ON BIOFILM FORMATION AND CORROSION OF CARBON STEEL BY <i>Serratia marcescens</i> . Reaktor, 2017, 17, 89-95.	0.2	1
25	Synthesis of Carbon Nano Materials Originated from Waste Cooking Oil Using a Nebulized Spray Pyrolysis. Journal of Nanoscience and Nanotechnology, 2017, 17, 5839-5842.	0.9	1
26	Preparation of Kerosene Based Carbon Nanomaterials by Nebulized Spray Pyrolysis. Journal of Nanoscience and Nanotechnology, 2017, 17, 4275-4278.	0.9	0
27	Polarization losses under dynamic load cycle using multiwall carbon nanotube supported Pt catalyst in PEM fuel cell. AIP Conference Proceedings, 2016, , .	0.3	0
28	Effect of gas composition produced by gasification, on the performance and durability of molten carbonate fuel cell (MCFC). Journal of Natural Gas Science and Engineering, 2016, 35, 896-905.	2.1	7
29	Synthesis of Turpentine Oil Based Carbon Nanospheres by Nebulized Spray Pyrolysis Method. Journal of Nanoscience and Nanotechnology, 2016, 16, 8701-8704.	0.9	0
30	The Effect of Carbon Nanotube Composite Addition on Biomass-Based Supercapacitor. Journal of Engineering and Technological Sciences, 2016, 48, 597-613.	0.3	6
31	Structural and preliminary electrochemical characteristics of palm oil based carbon nanospheres as anode materials in lithium ion batteries. Carbon Letters, 2016, 18, 80-83.	3.3	3
32	Process intensification of hydrogen production from Ethanol using microreactor. , 2015, , .		0
33	Effect of hydrogen temperature and current load on the performance of proton exchange membrane fuel cell under start-stop operation. , 2015, , .		2
34	Characterizations of Carbon Nanospheres Synthesized Using Activated Carbons and Palm Oil. Advanced Materials Research, 2015, 1112, 53-56.	0.3	0
35	Preparation and Characterizations of Carbon Nanospheres Derived from Activated Carbons and Palm Oil as Anode Materials of Lithium Secondary Batteries. Journal of Nanoscience and Nanotechnology, 2015, 15, 9120-9124.	0.9	1
36	Electrochemical impedance study of the poisoning behaviour of Ni-based anodes at low concentrations of H ₂ S in an MCFC. International Journal of Hydrogen Energy, 2012, 37, 19312-19318.	3.8	21

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37	Digesters, Gasifiers and Biorefineries: Plants and Field Demonstration. Green Energy and Technology, 2012, , 81-94.	0.4	1
38	High-Temperature Fuel Cell Plants and Applications. Green Energy and Technology, 2012, , 145-162.	0.4	0
39	The effect of impurities on the performance of bioethanol-used internal reforming molten carbonate fuel cell. International Journal of Hydrogen Energy, 2011, 36, 10346-10354.	3.8	14
40	SOFC and MCFC: Commonalities and opportunities for integrated research. International Journal of Hydrogen Energy, 2011, 36, 10337-10345.	3.8	91
41	The effect of electrolyte wettability on reforming catalyst in direct ethanol MCFC. Current Applied Physics, 2010, 10, S26-S28.	1.1	7
42	The catalytic performance of Ni/MgSiO ₃ catalyst for methane steam reforming in operation of direct internal reforming MCFC. Journal of Industrial and Engineering Chemistry, 2010, 16, 485-489.	2.9	14
43	The effect of Al addition on the prevention of Ni sintering in bio-ethanol steam reforming for molten carbonate fuel cells. International Journal of Hydrogen Energy, 2010, 35, 2591-2596.	3.8	23
44	Characteristics of alkali-resistant Ni/MgAl ₂ O ₄ catalyst for direct internal reforming molten carbonate fuel cell. International Journal of Hydrogen Energy, 2010, 35, 5673-5680.	3.8	22
45	Electrolyte effect on the catalytic performance of Ni-based catalysts for direct internal reforming molten carbonate fuel cell. International Journal of Hydrogen Energy, 2010, 35, 13041-13047.	3.8	6
46	The effect of water on direct ethanol molten carbonate fuel cell. Catalysis Today, 2009, 146, 2-8.	2.2	6
47	Study on Ceria Coating Effect on H ₂ S Tolerance in the Anode of Molten Carbonate Fuel Cell. Studies in Surface Science and Catalysis, 2006, 159, 601-604.	1.5	2
48	The effect of a ceria coating on the H ₂ S tolerance of a molten carbonate fuel cell. Journal of Power Sources, 2006, 159, 1147-1152.	4.0	62