

Hary Devianto

List of Publications by Year in descending order

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papers

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21
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48
all docs

48
docs citations

48
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	SOFC and MCFC: Commonalities and opportunities for integrated research. International Journal of Hydrogen Energy, 2011, 36, 10337-10345.	3.8	91
2	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
3	Activated carbon from citric acid catalyzed hydrothermal carbonization and chemical activation of salacca peel as potential electrode for lithium ion capacitor's cathode. Ionics, 2019, 25, 3915-3925.	1.2	42
4	Urea nitrogenated mesoporous activated carbon derived from oil palm empty fruit bunch for high-performance supercapacitor. Journal of Energy Storage, 2022, 52, 104724.	3.9	36
5	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
6	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
7	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
8	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
9	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
10	Manufacturing Carbon Material by Carbonization of Cellulosic Palm Oil Waste for Supercapacitor Material. MATEC Web of Conferences, 2018, 156, 03018.	0.1	14
11	Coke-Resistant Ni/CeZrO ₂ Catalysts for Dry Reforming of Methane to Produce Hydrogen-Rich Syngas. Nanomaterials, 2022, 12, 1556.	1.9	13
12	Synthesis of activated carbon from salacca peel with hydrothermal carbonization for supercapacitor application. Materials Today: Proceedings, 2021, 44, 3268-3272.	0.9	11
13	Photocatalytic Degradation of Palm Oil Mill Effluent (POME) Waste Using BiVO ₄ Based Catalysts. Molecules, 2021, 26, 6225.	1.7	11
14	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. Materials Today Chemistry, 2020, 17, 100305.	1.7	9
15	Synthesis and Characterization of Hydrochar and Bio-oil from Hydrothermal Carbonization of Sargassum sp. using Choline Chloride (ChCl) Catalyst. International Journal of Renewable Energy Development, 2022, 11, 403-412.	1.2	9
16	The effect of electrolyte wettability on reforming catalyst in direct ethanol MCFC. Current Applied Physics, 2010, 10, S26-S28.	1.1	7
17	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
18	The effect of water on direct ethanol molten carbonate fuel cell. Catalysis Today, 2009, 146, 2-8.	2.2	6

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19	Electrolyte effect on the catalytic performance of Ni-based catalysts for direct internal reforming molten carbonate fuel cell. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 13041-13047.	3.8	6
20	Influence of incubation temperature on biofilm formation and corrosion of carbon steel by <i>Serratia marcescens</i> . <i>AIP Conference Proceedings</i> , 2017, , .	0.3	6
21	The Effect of Carbon Nanotube Composite Addition on Biomass-Based Supercapacitor. <i>Journal of Engineering and Technological Sciences</i> , 2016, 48, 597-613.	0.3	6
22	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
23	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
24	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
25	Nano carbon materials from palm oil wastes for supercapacitor applications. , 2017, , .		4
26	Water content effect on biofilm formation and bio-corrosion process in biodiesel-diesel storage tank. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 2009.	0.2	4
27	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
28	Synthesis of activated carbon from <i>Salacca</i> peel using hydrothermal carbonization and microwave assisted chemical activation as promising supercapacitor's electrode. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	3
29	Structural and preliminary electrochemical characteristics of palm oil based carbon nanospheres as anode materials in lithium ion batteries. <i>Carbon Letters</i> , 2016, 18, 80-83.	3.3	3
30	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
31	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
32	Study on Ceria Coating Effect on H ₂ S Tolerance in the Anode of Molten Carbonate Fuel Cell. <i>Studies in Surface Science and Catalysis</i> , 2006, 159, 601-604.	1.5	2
33	Effect of hydrogen temperature and current load on the performance of proton exchange membrane fuel cell under start-stop operation. , 2015, , .		2
34	Digesters, Gasifiers and Biorefineries: Plants and Field Demonstration. <i>Green Energy and Technology</i> , 2012, , 81-94.	0.4	1
35	Preparation and Characterizations of Carbon Nanospheres Derived from Activated Carbons and Palm Oil as Anode Materials of Lithium Secondary Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 9120-9124.	0.9	1
36	INFLUENCE OF INITIAL pH SOLUTION ON BIOFILM FORMATION AND CORROSION OF CARBON STEEL BY <i>Serratia marcescens</i> . <i>Reaktor</i> , 2017, 17, 89-95.	0.2	1

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37	Synthesis of Carbon Nano Materials Originated from Waste Cooking Oil Using a Nebulized Spray Pyrolysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5839-5842.	0.9	1
38	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
39	Hazard Assessment of LNG Loading-Unloading Process in Cirebon Port. <i>Reaktor</i> , 2018, 18, 117.	0.2	1
40	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
41	High-Temperature Fuel Cell Plants and Applications. <i>Green Energy and Technology</i> , 2012, , 145-162.	0.4	0
42	Process intensification of hydrogen production from Ethanol using microreactor. , 2015, , .		0
43	Characterizations of Carbon Nanospheres Synthesized Using Activated Carbons and Palm Oil. <i>Advanced Materials Research</i> , 2015, 1112, 53-56.	0.3	0
44	Polarization losses under dynamic load cycle using multiwall carbon nanotube supported Pt catalyst in PEM fuel cell. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
45	Synthesis of Turpentine Oil Based Carbon Nanospheres by Nebulized Spray Pyrolysis Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 8701-8704.	0.9	0
46	Preparation of Kerosene Based Carbon Nanomaterials by Nebulized Spray Pyrolysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4275-4278.	0.9	0
47	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
48	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