Yuyun Irmawati

List of Publications by Year
in descending order

19	159	1163117 8	1199594 12
papers	citations	h-index	g-index

19	19	19	181
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temperature driven structural transition in the nickel-based catalytic graphitization of coconut coir. Diamond and Related Materials, 2021, 117, 108443.	3.9	28
2	Formation of nanostructured graphitic carbon from coconut waste via low-temperature catalytic graphitisation. Engineering Science and Technology, an International Journal, 2021, 24, 514-523.	3.2	22
3	Comparative Study of Bacterial Cellulose Film Dried Using Microwave and Air Convection Heating. Journal of Engineering and Technological Sciences, 2019, 51, 121-132.	0.6	15
4	High Graphitic Carbon Derived from Coconut Coir Waste by Promoting Potassium Hydroxide in the Catalytic Graphitization Process for Lithium-Ion Battery Anodes. Energy & Fuels, 2022, 36, 5444-5455.	5.1	14
5	Physical and Mechanical Properties of Recycled Polypropylene Composites Reinforced with Rice Straw Lignin. BioResources, 2017, 12, .	1.0	12
6	Performance of Polymer Electrolyte Membrane Fuel Cell During Cyclic Activation Process. Energy Procedia, 2015, 68, 311-317.	1.8	11
7	Magnetic Graphene-Based Sheets for Bacteria Capture and Destruction Using a High-Frequency Magnetic Field. Nanomaterials, 2020, 10, 674.	4.1	11
8	Rechargeable Zincâ€“Air Batteries with Seawater Electrolyte and Cranberry Bean Shell-Derived Carbon Electrocatalyst. Energy & Fuels, 2022, 36, 5475-5482.	5.1	10
9	Characterizations of doxorubicin-loaded PEGylated magnetic liposomes for cancer cells therapy. Journal of Polymer Research, 2019, 26, 1.	2.4	9
10	Enhanced Hydrophobicity and Elasticity of Bacterial Cellulose Films by Addition of Beeswax. Macromolecular Symposia, 2020, 391, 1900174.	0.7	8
11	Properties and Performance of Gas Diffusion Layer PEMFC Derived from Coconut Coir. Journal of Engineering and Technological Sciences, 2018, 50, 409-419.	0.6	7
12	Correlation of Nano Titanium Dioxide Synthesis and the Mineralogical Characterization of Ilmenite Ore as Raw Material. International Journal of Technology, 2021, 12, 749.	0.8	5
13	Preparation of polyvinyl alcohol/asiaticoside/chitosan membrane nano-composite using electrospinning technique for wound dressing. AIP Conference Proceedings, 2020, , .	0.4	3
14	Comparative studies on performance of single cell and PEMFC stack. AIP Conference Proceedings, 2016, , .	0.4	2
15	Highly Stretchable and Sensitive Single-Walled Carbon Nanotube-Based Sensor Decorated on a Polyether Ester Urethane Substrate by a Low Hydrothermal Process. ACS Omega, 2021, 6, 34866-34875.	3.5	2
16	Polarization losses under dynamic load cycle using multiwall carbon nanotube supported Pt catalyst in PEM fuel cell. AIP Conference Proceedings, 2016, , .	0.4	0
17	Characterization of microwave irradiation-assisted transformation of reduced graphene oxide for photocatalytic material-based water treatment application. AIP Conference Proceedings, 2021, , .	0.4	0
18	Carbon nanotube network as an electron pathway in nanocomposite films. International Journal of Materials Research, 2020, 111, 197-203.	0.3	0

#	Article	IF	Citations
19	Dispersibility of Multiwall Carbon Nanotube in a Polyanionic Surfactant Based on UV-Vis Analysis. Indonesian Journal of Chemistry, 2020, 20, 1206.	0.8	0