

Ratna Frida Susanti

List of Publications by Year in descending order

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31
papers

725
citations

933447

10
h-index

580821

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all docs

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docs citations

31
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of high surface area activated carbon derived from cocoa pods husk by hydrothermal carbonization and chemical activation using zinc chloride as activating agent. <i>Materials Today: Proceedings</i> , 2022, 63, S55-S60.	1.8	14
2	Rambutan peel derived porous carbons for lithium sulfur battery. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	8
3	Cerium chloride-assisted subcritical water carbonization for fabrication of high-performance cathodes for lithium-ion capacitors. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 1449-1462.	2.9	2
4	THE ROLE OF N-DOPING TO THE PORE CHARACTERISTICS OF ACTIVATED CARBON FROM VETIVER ROOT DISTILLATION WASTE. <i>Metallurgi</i> , 2021, 36, .	0.2	2
5	Potato Peel Based Carbon-Sulfur Composite as Cathode Materials for Lithium Sulfur Battery. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 6243-6247.	0.9	5
6	Synthesis of activated carbon from salacca peel with hydrothermal carbonization for supercapacitor application. <i>Materials Today: Proceedings</i> , 2021, 44, 3268-3272.	1.8	11
7	Onion Peel Based Porous Carbons As Cathode Components for LiS Battery. <i>ECS Transactions</i> , 2020, 97, 111-119.	0.5	3
8	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, , .	0.4	3
9	Toward high-performance hard carbon as an anode for sodium-ion batteries: Demineralization of biomass as a critical step. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 91, 317-329.	5.8	36
10	Synthesis and Characterization of Activated Carbon Derived from Salacca Peel Using ZnCl ₂ Hydrothermal Carbonization and Chemical Activation with Microwave Heating. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 742, 012044.	0.6	5
11	Onion Peel Based Porous Carbons As Cathode Components for Lis Battery. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 162-162.	0.0	0
12	Extended flat voltage profile of hard carbon synthesized using a two-step carbonization approach as an anode in sodium ion batteries. <i>Journal of Power Sources</i> , 2019, 430, 157-168.	7.8	59
13	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.	2.4	42
14	Porous Carbon Derived from Salacca Peel Synthesized Under Hydrothermal Condition Followed By Microwave Assisted Chemical Activation As Lithium Ion Capacitor's Electrode. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
15	Non-oxidative thermal degradation of amines: GCMS/FTIR spectra analysis and molecular modeling. <i>Separation Science and Technology</i> , 2018, 53, 2259-2266.	2.5	7
16	Delignification, Carbonization Temperature and Carbonization Time Effects on the Hydrothermal Conversion of Salacca Peel. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 7263-7268.	0.9	10
17	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
18	Preparation of Kerosene Based Carbon Nanomaterials by Nebulized Spray Pyrolysis. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4275-4278.	0.9	0

#	ARTICLE	IF	CITATIONS
19	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
20	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.	5.9	3
21	Characterizations of Carbon Nanospheres Synthesized Using Activated Carbons and Palm Oil. <i>Advanced Materials Research</i> , 2015, 1112, 53-56.	0.3	0
22	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
23	High-yield hydrogen production by supercritical water gasification of various feedstocks: Alcohols, glucose, glycerol and long-chain alkanes. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1834-1844.	5.6	56
24	Hydrothermal gasification of pure and crude glycerol in supercritical water: A comparative study. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 1262-1273.	7.1	29
25	Supercritical ethanol as an enhanced medium for lignocellulosic biomass liquefaction: Influence of physical process parameters. <i>Energy</i> , 2013, 59, 173-182.	8.8	167
26	A new strategy for ultralow biofouling membranes: Uniform and ultrathin hydrophilic coatings using liquid carbon dioxide. <i>Journal of Membrane Science</i> , 2013, 440, 88-97.	8.2	28
27	High-yield hydrogen production from glucose by supercritical water gasification without added catalyst. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 11677-11690.	7.1	129
28	Continuous synthesis of high-surface-area aluminum hydroxide methoxide nano- and microparticles in supercritical methanol and their conversion into γ - Al_2O_3 . <i>Materials Letters</i> , 2011, 65, 772-774.	2.6	9
29	Noncatalytic gasification of isooctane in supercritical water: A Strategy for high-yield hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 3895-3906.	7.1	35
30	Continuous supercritical water gasification of isooctane: A promising reactor design. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 1957-1970.	7.1	60
31	Effect of Catalyst Preparation Method on the Characteristics of Carbon Nanospheres as Anode Materials of Lithium Secondary Batteries. <i>Advanced Materials Research</i> , 0, 1123, 308-311.	0.3	0