

Nissa Nurfajrin Solihat

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

365
citations

933447

10
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in lignin modification and its application in lignin-based green composites: A review. <i>Polymer Composites</i> , 2022, 43, 4848-4865.	4.6	50
2	Analyzing Solid-Phase Natural Organic Matter Using Laser Desorption Ionization Ultrahigh Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 951-957.	6.5	42
3	Biodegradation and metabolic pathway of anthraquinone dyes by <i>Trametes hirsuta</i> D7 immobilized in light expanded clay aggregate and cytotoxicity assessment. <i>Journal of Hazardous Materials</i> , 2021, 405, 124176.	12.4	40
4	Lignin as an Active Biomaterial: A Review. <i>Jurnal Sylva Lestari</i> , 2021, 9, 1.	0.5	39
5	Optimization of Microwave-Assisted Oxalic Acid Pretreatment of Oil Palm Empty Fruit Bunch for Production of Fermentable Sugars. <i>Waste and Biomass Valorization</i> , 2020, 11, 2673-2687.	3.4	29
6	A recent advancement on preparation, characterization and application of nanolignin. <i>International Journal of Biological Macromolecules</i> , 2022, 200, 303-326.	7.5	29
7	Physical and Chemical Properties of Acacia mangium Lignin Isolated from Pulp Mill Byproduct for Potential Application in Wood Composites. <i>Polymers</i> , 2022, 14, 491.	4.5	25
8	Disruption of Oil Palm Empty Fruit Bunches by Microwave-assisted Oxalic Acid Pretreatment. <i>Journal of Mathematical and Fundamental Sciences</i> , 2017, 49, 244.	0.5	20
9	Interlaboratory comparison of humic substances compositional space as measured by Fourier transform ion cyclotron resonance mass spectrometry (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2020, 92, 1447-1467.	1.9	15
10	Comprehensive Lists of Internal Calibrants for Ultrahigh-Resolution Mass Spectrometry Analysis of Crude Oil and Natural Organic Matter and Their Preparation Recipes. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 590-596.	2.8	12
11	Reducing sugar production of sweet sorghum bagasse kraft pulp. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	10
12	Elucidating molecular level impact of peat fire on soil organic matter by laser desorption ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7303-7313.	3.7	9
13	Assessment of artificial neural network to identify compositional differences in ultrahigh-resolution mass spectra acquired from coal mine affected soils. <i>Talanta</i> , 2022, 248, 123623.	5.5	9
14	Application of silver-assisted laser desorption ionization ultrahigh-resolution mass spectrometry for the speciation of sulfur compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 243-255.	3.7	7
15	Characterization of Indonesian Banana Species as an Alternative Cellulose Fibers. <i>Journal of Natural Fibers</i> , 2022, 19, 14396-14413.	3.1	7
16	Design and performance of amphiphilic lignin derivatives in enzymatic hydrolysis of sweet sorghum bagasse for bioethanol production. <i>BioResources</i> , 2021, 16, 5875-5889.	1.0	6
17	The Removal of Cured Urea-Formaldehyde Adhesive towards Sustainable Medium Density Fiberboard Production: A Review. <i>Jurnal Sylva Lestari</i> , 2021, 9, 23.	0.5	6
18	Peningkatan Produksi Gula Pereduksi dari Tandan Kosong Kelapa Sawit dengan Praperlakuan Asam Organik pada Reaktor Bertekanan. <i>Reaktor</i> , 2017, 16, 199.	0.3	4

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19	Application of Laser-Desorption Silver-Ionization Ultrahigh-Resolution Mass Spectrometry for Analysis of Petroleum Samples Subjected to Hydrotreating. Energy & Fuels, 2021, 35, 15545-15554.	5.1	3
20	Systematic Investigation into the Differences in the (+) APPI Efficiencies of Positional (Ortho, Meta, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	2
21	Microwave assisted dilute organic acid pre-treatment of oil palm empty fruit bunch to improve enzyme accessibility. IOP Conference Series: Materials Science and Engineering, 2020, 935, 012046.	0.6	1