

Jindrayani Nyoo Putro

List of Publications by Year in descending order

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31
papers

1,154
citations

516215

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476904

29
g-index

32
all docs

32
docs citations

32
times ranked

1623
citing authors

#	ARTICLE	IF	CITATIONS
1	Pretreatment and conversion of lignocellulose biomass into valuable chemicals. RSC Advances, 2016, 6, 46834-46852.	1.7	205
2	Removal of crystal violet dye by adsorption using bentonite â€“ alginate composite. Journal of Environmental Chemical Engineering, 2017, 5, 5677-5687.	3.3	166
3	Investigation of heavy metal adsorption in binary system by nanocrystalline cellulose â€“ Bentonite nanocomposite: Improvement on extended Langmuir isotherm model. Microporous and Mesoporous Materials, 2017, 246, 166-177.	2.2	117
4	Cellulose nanocrystals from passion fruit peels waste as antibiotic drug carrier. Carbohydrate Polymers, 2017, 175, 370-376.	5.1	85
5	Adsorption and photocatalytic performance of bentonite-titanium dioxide composites for methylene blue and rhodamine B decoloration. Heliyon, 2017, 3, e00488.	1.4	67
6	Nanocellulose based biosorbents for wastewater treatment: Study of isotherm, kinetic, thermodynamic and reusability. Environmental Nanotechnology, Monitoring and Management, 2017, 8, 134-149.	1.7	62
7	Eco-friendly celluloseâ€“bentonite porous composite hydrogels for adsorptive removal of azo dye and soilless culture. Cellulose, 2019, 26, 3339-3358.	2.4	58
8	A study of anionic, cationic, and nonionic surfactants modified starch nanoparticles for hydrophobic drug loading and release. Journal of Molecular Liquids, 2020, 298, 112034.	2.3	43
9	Nanocelluloses: Sources, Pretreatment, Isolations, Modification, and Its Application as the Drug Carriers. Polymers, 2021, 13, 2052.	2.0	34
10	Production of gamma-valerolactone from sugarcane bagasse over TiO ₂ -supported platinum and acid-activated bentonite as a co-catalyst. RSC Advances, 2015, 5, 41285-41299.	1.7	31
11	The effect of surfactants modification on nanocrystalline cellulose for paclitaxel loading and release study. Journal of Molecular Liquids, 2019, 282, 407-414.	2.3	30
12	Highly adsorptive chitosan/saponin-bentonite composite film for removal of methyl orange and Cr(VI). Environmental Science and Pollution Research, 2019, 26, 5020-5037.	2.7	28
13	Effect of natural and synthetic surfactants on polysaccharide nanoparticles: Hydrophobic drug loading, release, and cytotoxic studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 578, 123618.	2.3	25
14	Isolation and characterization of starch from Limnophila aromatica. Heliyon, 2019, 5, e01622.	1.4	24
15	Subcritical water hydrolysis of durian seeds waste for bioethanol production. International Journal of Industrial Chemistry, 2016, 7, 29-37.	3.1	23
16	Preparation of nanocrystalline cellulose-montmorillonite composite via thermal radiation for liquid-phase adsorption. Journal of Molecular Liquids, 2017, 233, 29-37.	2.3	19
17	Rarasaponin-bentonite-activated biochar from durian shells composite for removal of crystal violet and Cr(VI) from aqueous solution. Environmental Science and Pollution Research, 2018, 25, 30680-30695.	2.7	18
18	Nanocrystalline cellulose from waste paper: Adsorbent for azo dyes removal. Environmental Nanotechnology, Monitoring and Management, 2019, 12, 100260.	1.7	18

#	ARTICLE	IF	CITATIONS
19	Ecological-safe and low-cost activated-bleaching earth: Preparation, characteristics, bleaching performance, and scale-up production. <i>Journal of Cleaner Production</i> , 2021, 279, 123793.	4.6	16
20	Pomacea sp shell to hydroxyapatite using the ultrasound-microwave method (U-M). <i>Ceramics International</i> , 2014, 40, 11453-11456.	2.3	13
21	Levulinic acid from corncob by subcritical water process. <i>International Journal of Industrial Chemistry</i> , 2016, 7, 401-409.	3.1	12
22	A Review of Gum Hydrocolloid Polyelectrolyte Complexes (PEC) for Biomedical Applications: Their Properties and Drug Delivery Studies. <i>Processes</i> , 2021, 9, 1796.	1.3	11
23	Biosorption of dyes. , 2021, , 99-133.		8
24	Low-cost structured alginate-immobilized bentonite beads designed for an effective removal of persistent antibiotics from aqueous solution. <i>Environmental Research</i> , 2022, 207, 112162.	3.7	8
25	Solubility of Acetophenone in Supercritical Carbon Dioxide. <i>Open Chemical Engineering Journal</i> , 2016, 10, 18-28.	0.4	7
26	An environment-friendly composite as an adsorbent for removal Cu (II) ions. <i>Environmental Science and Pollution Research</i> , 2019, 26, 22979-22989.	2.7	6
27	The application of the metal organic framework for ion removal in seawater. <i>Journal of Molecular Liquids</i> , 2021, 335, 116135.	2.3	6
28	Effect of a Nonionic Surfactant on the Pseudoternary Phase Diagram and Stability of Microemulsion. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 4024-4033.	1.0	4
29	Renewable rarasaponin-bentonite-alginate composite with sponge-like structure and its application for crystal violet removal from aqueous solution. , 0, 160, 354-365.		4
30	Investigation on Supercritical CO2 Extraction of Black Nightshade Berries (<i>Solanum nigrum</i> Linn.). <i>Biointerface Research in Applied Chemistry</i> , 2021, 11, 13502-13515.	1.0	3
31	Polystyrene-templated hollow mesoporous magnetite as a bifunctional adsorbent for the removal of rhodamine B via simultaneous adsorption and degradation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108194.	3.3	2