

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
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32
docs citations

32
times ranked

1623
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Biosorption of dyes. , 2021, , 99-133.		8
5	Investigation on Supercritical CO ₂ Extraction of Black Nightshade Berries (<i>Solanum nigrum</i> Linn.). <i>Biointerface Research in Applied Chemistry</i> , 2021, 11, 13502-13515.	1.0	3
6	Nanocelluloses: Sources, Pretreatment, Isolations, Modification, and Its Application as the Drug Carriers. <i>Polymers</i> , 2021, 13, 2052.	2.0	34
7	The application of the metal organic framework for ion removal in seawater. <i>Journal of Molecular Liquids</i> , 2021, 335, 116135.	2.3	6
8	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
9	A study of anionic, cationic, and nonionic surfactants modified starch nanoparticles for hydrophobic drug loading and release. <i>Journal of Molecular Liquids</i> , 2020, 298, 112034.	2.3	43
10	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
11	Effect of natural and synthetic surfactants on polysaccharide nanoparticles: Hydrophobic drug loading, release, and cytotoxic studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 578, 123618.	2.3	25
12	Nanocrystalline cellulose from waste paper: Adsorbent for azo dyes removal. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2019, 12, 100260.	1.7	18
13	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
14	Isolation and characterization of starch from <i>Limnophila aromatica</i> . <i>Heliyon</i> , 2019, 5, e01622.	1.4	24
15	The effect of surfactants modification on nanocrystalline cellulose for paclitaxel loading and release study. <i>Journal of Molecular Liquids</i> , 2019, 282, 407-414.	2.3	30
16	Eco-friendly cellulose-bentonite porous composite hydrogels for adsorptive removal of azo dye and soilless culture. <i>Cellulose</i> , 2019, 26, 3339-3358.	2.4	58
17	Highly adsorptive chitosan/saponin-bentonite composite film for removal of methyl orange and Cr(VI). <i>Environmental Science and Pollution Research</i> , 2019, 26, 5020-5037.	2.7	28
18	Rarasaponin-bentonite-activated biochar from durian shells composite for removal of crystal violet and Cr(VI) from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30680-30695.	2.7	18

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19	Preparation of nanocrystalline cellulose-montmorillonite composite via thermal radiation for liquid-phase adsorption. <i>Journal of Molecular Liquids</i> , 2017, 233, 29-37.	2.3	19
20	Investigation of heavy metal adsorption in binary system by nanocrystalline cellulose “ Bentonite nanocomposite: Improvement on extended Langmuir isotherm model. <i>Microporous and Mesoporous Materials</i> , 2017, 246, 166-177.	2.2	117
21	Removal of crystal violet dye by adsorption using bentonite “ alginate composite. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5677-5687.	3.3	166
22	Nanocellulose based biosorbents for wastewater treatment: Study of isotherm, kinetic, thermodynamic and reusability. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2017, 8, 134-149.	1.7	62
23	Cellulose nanocrystals from passion fruit peels waste as antibiotic drug carrier. <i>Carbohydrate Polymers</i> , 2017, 175, 370-376.	5.1	85
24	Adsorption and photocatalytic performance of bentonite-titanium dioxide composites for methylene blue and rhodamine B decoloration. <i>Heliyon</i> , 2017, 3, e00488.	1.4	67
25	Pretreatment and conversion of lignocellulose biomass into valuable chemicals. <i>RSC Advances</i> , 2016, 6, 46834-46852.	1.7	205
26	Levulinic acid from corncob by subcritical water process. <i>International Journal of Industrial Chemistry</i> , 2016, 7, 401-409.	3.1	12
27	Subcritical water hydrolysis of durian seeds waste for bioethanol production. <i>International Journal of Industrial Chemistry</i> , 2016, 7, 29-37.	3.1	23
28	Solubility of Acetophenone in Supercritical Carbon Dioxide. <i>Open Chemical Engineering Journal</i> , 2016, 10, 18-28.	0.4	7
29	Production of gamma-valerolactone from sugarcane bagasse over TiO ₂ -supported platinum and acid-activated bentonite as a co-catalyst. <i>RSC Advances</i> , 2015, 5, 41285-41299.	1.7	31
30	Pomacea sp shell to hydroxyapatite using the ultrasound“microwave method (U“M). <i>Ceramics International</i> , 2014, 40, 11453-11456.	2.3	13
31	Renewable rarasaponin-bentonite-alginate composite with sponge-like structure and its application for crystal violet removal from aqueous solution. , 0, 160, 354-365.		4