

Aning Ayucitra

List of Publications by Year in descending order

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27
papers

889
citations

516710

16
h-index

526287

27
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27
all docs

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docs citations

27
times ranked

1106
citing authors

#	ARTICLE	IF	CITATIONS
1	KOH/bentonite catalysts for transesterification of palm oil to biodiesel. <i>Applied Clay Science</i> , 2011, 53, 341-346.	5.2	134
2	Acid Green 25 removal from wastewater by organo-bentonite from Pacitan. <i>Applied Clay Science</i> , 2010, 48, 81-86.	5.2	88
3	Bentonite hydrochar composite for removal of ammonium from Koi fish tank. <i>Applied Clay Science</i> , 2016, 119, 146-154.	5.2	88
4	Natural zeolite from Pacitan Indonesia, as catalyst support for transesterification of palm oil. <i>Applied Clay Science</i> , 2013, 74, 121-126.	5.2	86
5	Calcium oxide from <i>Pomacea</i> sp. shell as a catalyst for biodiesel production. <i>International Journal of Energy and Environmental Engineering</i> , 2012, 3, 1.	2.5	70
6	Utilization of rarasaponin natural surfactant for organo-bentonite preparation: Application for methylene blue removal from aqueous effluent. <i>Microporous and Mesoporous Materials</i> , 2011, 142, 184-193.	4.4	56
7	Synthesis of biodiesel from vegetable oils wastewater sludge by in-situ subcritical methanol transesterification: Process evaluation and optimization. <i>Biomass and Bioenergy</i> , 2014, 69, 28-38.	5.7	37
8	Bentonites modified with anionic and cationic surfactants for bleaching of crude palm oil. <i>Applied Clay Science</i> , 2010, 47, 462-464.	5.2	36
9	Carbon microsphere from water hyacinth for supercapacitor electrode. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 47, 197-201.	5.3	34
10	Fabrication of cellulose carbamate hydrogel-dressing with rarasaponin surfactant for enhancing adsorption of silver nanoparticles and antibacterial activity. <i>Materials Science and Engineering C</i> , 2021, 118, 111542.	7.3	28
11	Removal of copper ions from aqueous solution by adsorption using LABORATORIES-modified bentonite (organo-bentonite). <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 58-66.	4.4	27
12	Studies on the performance of bentonite and its composite as phosphate adsorbent and phosphate supplementation for plant. <i>Journal of Hazardous Materials</i> , 2020, 399, 123130.	12.4	22
13	Investigation on supercritical CO ₂ extraction of phenolic-phytochemicals from an epiphytic plant tuber (<i>Myrmecodia pendans</i>). <i>Journal of CO₂ Utilization</i> , 2014, 6, 26-33.	6.8	20
14	A one-pot synthesis of biodiesel from leather tanning waste using supercritical ethanol: Process optimization. <i>Biomass and Bioenergy</i> , 2020, 142, 105761.	5.7	20
15	Preparation of nanocrystalline cellulose-montmorillonite composite via thermal radiation for liquid-phase adsorption. <i>Journal of Molecular Liquids</i> , 2017, 233, 29-37.	4.9	19
16	Understanding the Relationship between Organic Structure and Mineralization Rate of TiO ₂ -mediated Photocatalysis. <i>Procedia Chemistry</i> , 2014, 9, 131-138.	0.7	17
17	Efficient conversion of leather tanning waste to biodiesel using crab shell-based catalyst: WASTE-TO-ENERGY approach. <i>Biomass and Bioenergy</i> , 2021, 151, 106155.	5.7	16
18	Bentonite-hydrochar composite for removal of ammonium from Koi fish tank. <i>Applied Clay Science</i> , 2015, 114, 467.	5.2	15

#	ARTICLE	IF	CITATIONS
19	FRACTIONATION OF PHENOLIC COMPOUNDS FROM KAFFIR LIME (<i>Citrus hystrix</i>) PEEL EXTRACT AND EVALUATION OF ANTIOXIDANT ACTIVITY. <i>Reaktor</i> , 2017, 17, 111.	0.3	15
20	Solubility of Azadirachtin in Supercritical Carbon Dioxide at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 4396-4399.	1.9	14
21	Iron (II) impregnated double-shelled hollow mesoporous silica as acid-base bifunctional catalyst for the conversion of low-quality oil to methyl esters. <i>Renewable Energy</i> , 2021, 169, 1166-1174.	8.9	13
22	Preparation of Epoxidized Fatty Acid Ethyl Ester from Tung Oil as a Bio-lubricant Base-Stock. <i>Waste and Biomass Valorization</i> , 2020, 11, 4145-4155.	3.4	11
23	Facile preparation of sago starch esters using full factorial design of experiment. <i>Starch/Staerke</i> , 2012, 64, 590-597.	2.1	9
24	Complex Formation Study of Binary and Ternary Complexes Including 2,3-Dihydroxybenzoic Acid, N-acetylcysteine and Divalent Metal Ions. <i>Journal of Solution Chemistry</i> , 2016, 45, 518-533.	1.2	6
25	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.	1.9	4
26	Reply to the comment on "Acid Green 25 removal from wastewater by organo-bentonite from Pacitan" by R. Koswojo, R. P. Utomo, Y.-H. Ju, A. Ayucitra, F. E. Soetaredjo, J. Sunarso, S. Ismadji [<i>Applied Clay Science</i> 48 (2010) 81-86]. <i>Applied Clay Science</i> , 2010, 50, 165-166.	5.2	2
27	Graphene oxide-carboxymethyl cellulose hydrogel beads for uptake and release study of doxorubicin. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2646.	1.5	2