

Aola Supong

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

337
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical insight into the adsorption of 2,4-dichlorophenol on low-cost bamboo sheath activated carbon. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 26, 100643.	3.3	8
2	Density Functional Theory Calculations of the Effect of Oxygenated Functionals on Activated Carbon towards Cresol Adsorption. <i>Surfaces</i> , 2022, 5, 280-289.	2.3	4
3	Mechanistic Insight into the Antibacterial Activity of Isothiocyanates via Cell Membrane Permeability Alteration. <i>Pharmaceutical Chemistry Journal</i> , 2022, 56, 300-308.	0.8	1
4	Synthesis, characterization of novel Fe-doped TiO ₂ activated carbon nanocomposite towards photocatalytic degradation of Congo red, E. coli, and S. aureus. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 1277-1290.	2.7	24
5	Experimental and theoretical insight into the adsorption of phenol and 2,4-dinitrophenol onto <i>Tithonia diversifolia</i> activated carbon. <i>Applied Surface Science</i> , 2020, 529, 147046.	6.1	49
6	Batch sorption and photodegradation of Alizarin Red S using synthesized TiO ₂ /activated carbon nanocomposite: an experimental study and computer modelling. <i>Nanotechnology for Environmental Engineering</i> , 2020, 5, 1.	3.3	15
7	Adsorptive removal of Bisphenol A by biomass activated carbon and insights into the adsorption mechanism through density functional theory calculations. <i>Sustainable Chemistry and Pharmacy</i> , 2019, 13, 100159.	3.3	51
8	Activated carbon synthesized from biomass material using single-step KOH activation for adsorption of fluoride: Experimental and theoretical investigation. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 551-562.	2.7	35
9	A combined experimental and theoretical investigation of the adsorption of 4-Nitrophenol on activated biocarbon using DFT method. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 2023-2034.	2.7	8
10	Green Synthesis of Bromo Organic Molecules and Investigations on Their Antibacterial Properties: An Experimental and Computational Approach. <i>Acta Chimica Slovenica</i> , 2019, 66, 276-283.	0.6	7
11	Adsorption of fluoride onto activated carbon synthesized from <i>Manihot esculenta</i> biomass: Equilibrium, kinetic and thermodynamic studies. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2382-2389.	6.7	57
12	Pine Cone biomass as an efficient precursor for the synthesis of activated biocarbon for adsorption of anionic dye from aqueous solution: Isotherm, kinetic, thermodynamic and regeneration studies. <i>Sustainable Chemistry and Pharmacy</i> , 2018, 10, 41-49.	3.3	78