Aola Supong

List of Publications by Year
in descending order

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	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. Sustainable Chemistry and Pharmacy, 2018, 10, 41-49.	3.3	78
2	Adsorption of fluoride onto activated carbon synthesized from Manihot esculenta biomassâ€"Equilibrium, kinetic and thermodynamic studies. Journal of Environmental Chemical Engineering, 2018, 6, 2382-2389.	6.7	57
3	Adsorptive removal of Bisphenol A by biomass activated carbon and insights into the adsorption mechanism through density functional theory calculations. Sustainable Chemistry and Pharmacy, 2019, 13, 100159.	3.3	51
4	Experimental and theoretical insight into the adsorption of phenol and 2,4-dinitrophenol onto Tithonia diversifolia activated carbon. Applied Surface Science, 2020, 529, 147046.	6.1	49
5	Activated carbon synthesized from biomass material using single-step KOH activation for adsorption of fluoride: Experimental and theoretical investigation. Korean Journal of Chemical Engineering, 2019, 36, 551-562.	2.7	35
6	Synthesis, characterization of novel Fe-doped TiO2 activated carbon nanocomposite towards photocatalytic degradation of Congo red, E. coli, and S. aureus. Korean Journal of Chemical Engineering, 2021, 38, 1277-1290.	2.7	24
7	Batch sorptionâ€"photodegradation of Alizarin Red S using synthesized TiO2/activated carbon nanocomposite: an experimental study and computer modelling. Nanotechnology for Environmental Engineering, 2020, 5, 1.	3.3	15
8	A combined experimental and theoretical investigation of the adsorption of 4-Nitrophenol on activated biocarbon using DFT method. Korean Journal of Chemical Engineering, 2019, 36, 2023-2034.	2.7	8
9	Experimental and theoretical insight into the adsorption of 2,4-dichlorophenol on low-cost bamboo sheath activated carbon. Sustainable Chemistry and Pharmacy, 2022, 26, 100643.	3.3	8
10	Green Synthesis of Bromo Organic Molecules and Investigations on Their Antibacterial Properties: An Experimental and Computational Approach. Acta Chimica Slovenica, 2019, 66, 276-283.	0.6	7
11	Density Functional Theory Calculations of the Effect of Oxygenated Functionals on Activated Carbon towards Cresol Adsorption. Surfaces, 2022, 5, 280-289.	2.3	4
12	Mechanistic Insight into the Antibacterial Activity of Isothiocyanates via Cell Membrane Permeability Alteration. Pharmaceutical Chemistry Journal, 2022, 56, 300-308.	0.8	1