Deivson C S Sales

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1379114/publications.pdf

Version: 2024-02-01

20	339	933447	839539
papers	citations	10	18
		h-index	g-index

20	20	20	507
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mono and binary component adsorption of phenol and cadmium using adsorbent derived from peanut shells. Journal of Cleaner Production, 2018, 201, 219-228.	9.3	76
2	Evaluation of BTEX and phenol removal from aqueous solution by multi-solute adsorption onto smectite organoclay. Journal of Hazardous Materials, 2012, 239-240, 95-101.	12.4	75
3	Dye removal from textile industrial effluents by adsorption on exfoliated graphite nanoplatelets: kinetic and equilibrium studies. Water Science and Technology, 2016, 73, 2189-2198.	2.5	33
4	Competitive adsorption between Cu2+ and Ni2+ on corn cob activated carbon and the difference of thermal effects on mono and bicomponent systems. Journal of Environmental Chemical Engineering, 2020, 8, 104232.	6.7	25
5	Degradation of a Sunset Yellow and Tartrazine Dye Mixture: Optimization Using Statistical Design and Empirical Mathematical Modeling. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	22
6	Wet oxidation of glycerol into fine organic acids: catalyst selection and kinetic evaluation. Brazilian Journal of Chemical Engineering, 2014, 31, 913-923.	1.3	17
7	Degradation of Textile Dyes Employing Advanced Oxidative Processes: Kinetic, Equilibrium Modeling, and Toxicity Study of Seeds and Bacteria. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	17
8	Applying Combined Langmuirâ€“Freundlich Model to the Multi-Component Adsorption of BTEX and Phenol on Smectite Clay. Adsorption Science and Technology, 2012, 30, 691-699.	3.2	13
9	Investigation of paracetamol degradation using LED and UV-C photo-reactors. Water Science and Technology, 2020, 81, 2545-2558.	2.5	12
10	Thermal synthesis of rGO and rGO-Co3O4 and their application as adsorbents for anionic dye removal. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 599, 124837.	4.7	10
11	Kinetic and Equilibrium Adsorption Studies for Removal of Naphthenic Acids Present in Model Mixture of Aviation Kerosene. Chemical Engineering Communications, 2017, 204, 105-110.	2.6	9
12	Kinetics of the biphasic liquidâ€“liquid transesterification of vegetable oils into biodiesel. Reaction Kinetics, Mechanisms and Catalysis, 2018, 123, 529-542.	1.7	9
13	Kinetic evaluation of the esterification of fatty acids to biodiesel. Reaction Kinetics, Mechanisms and Catalysis, 2012, 107, 39-48.	1.7	5
14	Adsorption and recovery of cadmium and copper ions in mono and bicomponent systems using peanut shells biochar as a sustainable source: model development. Chemical Engineering Communications, 2022, 209, 736-756.	2.6	5
15	Effect of the Intra-Particle Diffusion and Porous Structure on Models for Adsorption and Storage of Methane onto Activated Carbons. Adsorption Science and Technology, 2012, 30, 729-737.	3.2	3
16	Performance of Alternative Methane Reforms Based on Experimental Kinetic Evaluation and Simulation in a Fixed Bed Reactor. Processes, 2021, 9, 1479.	2.8	3
17	Formulation of activated carbons and evaluation of methane storage by compression and adsorption. Canadian Journal of Chemical Engineering, 2012, 90, 777-784.	1.7	2
18	Development of a system of natural gas storage governed by simultaneous processes of adsorptionâ€“desorption. Adsorption, 2015, 21, 523-531.	3.0	2

#	Article	IF	Citations
19	Removal of a Mixture of Blue BF-5G and Chocolate Brown Textile Dyes Through Adsorption and Degradation: an Assessment of the Individual and Combined Processes. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	1
20	Deactivation/Regeneration Studies in Structured Monolithic Ni-Based Catalysts Applied in Dry Reforming of Methane. SSRN Electronic Journal, 0, , .	0.4	0