

# 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  
papers

339  
citations

933447

10  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption and recovery of cadmium and copper ions in mono and bicomponent systems using peanut shells biochar as a sustainable source: model development. <i>Chemical Engineering Communications</i> , 2022, 209, 736-756.	2.6	5
2	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. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	1
3	Performance of Alternative Methane Reforms Based on Experimental Kinetic Evaluation and Simulation in a Fixed Bed Reactor. <i>Processes</i> , 2021, 9, 1479.	2.8	3
4	Degradation of a Sunset Yellow and Tartrazine Dye Mixture: Optimization Using Statistical Design and Empirical Mathematical Modeling. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	22
5	Competitive adsorption between Cu <sup>2+</sup> and Ni <sup>2+</sup> on corn cob activated carbon and the difference of thermal effects on mono and bicomponent systems. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104232.	6.7	25
6	Thermal synthesis of rGO and rGO-Co <sub>3</sub> O <sub>4</sub> and their application as adsorbents for anionic dye removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 599, 124837.	4.7	10
7	Investigation of paracetamol degradation using LED and UV-C photo-reactors. <i>Water Science and Technology</i> , 2020, 81, 2545-2558.	2.5	12
8	Degradation of Textile Dyes Employing Advanced Oxidative Processes: Kinetic, Equilibrium Modeling, and Toxicity Study of Seeds and Bacteria. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	17
9	Kinetics of the biphasic liquid-liquid transesterification of vegetable oils into biodiesel. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 123, 529-542.	1.7	9
10	Mono and binary component adsorption of phenol and cadmium using adsorbent derived from peanut shells. <i>Journal of Cleaner Production</i> , 2018, 201, 219-228.	9.3	76
11	Kinetic and Equilibrium Adsorption Studies for Removal of Naphthenic Acids Present in Model Mixture of Aviation Kerosene. <i>Chemical Engineering Communications</i> , 2017, 204, 105-110.	2.6	9
12	Dye removal from textile industrial effluents by adsorption on exfoliated graphite nanoplatelets: kinetic and equilibrium studies. <i>Water Science and Technology</i> , 2016, 73, 2189-2198.	2.5	33
13	Development of a system of natural gas storage governed by simultaneous processes of adsorption-desorption. <i>Adsorption</i> , 2015, 21, 523-531.	3.0	2
14	Wet oxidation of glycerol into fine organic acids: catalyst selection and kinetic evaluation. <i>Brazilian Journal of Chemical Engineering</i> , 2014, 31, 913-923.	1.3	17
15	Effect of the Intra-Particle Diffusion and Porous Structure on Models for Adsorption and Storage of Methane onto Activated Carbons. <i>Adsorption Science and Technology</i> , 2012, 30, 729-737.	3.2	3
16	Evaluation of BTEX and phenol removal from aqueous solution by multi-solute adsorption onto smectite organoclay. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 95-101.	12.4	75
17	Applying Combined Langmuir-Freundlich Model to the Multi-Component Adsorption of BTEX and Phenol on Smectite Clay. <i>Adsorption Science and Technology</i> , 2012, 30, 691-699.	3.2	13
18	Kinetic evaluation of the esterification of fatty acids to biodiesel. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2012, 107, 39-48.	1.7	5

#	ARTICLE	IF	CITATIONS
19	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
20	Deactivation/Regeneration Studies in Structured Monolithic Ni-Based Catalysts Applied in Dry Reforming of Methane. SSRN Electronic Journal, 0, , .	0.4	0