

Younes Dehmani

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

386
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorptive removal of phenol using faujasite-type Y zeolite: Adsorption isotherms, kinetics and grand canonical Monte Carlo simulation studies. <i>Journal of Molecular Liquids</i> , 2019, 296, 111997.	4.9	62
2	Removal of phenol from aqueous solution by adsorption onto hematite (α -Fe ₂ O ₃): Mechanism exploration from both experimental and theoretical studies. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5474-5486.	4.9	56
3	Hematite iron oxide nanoparticles (α -Fe ₂ O ₃): Synthesis and modelling adsorption of malachite green. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103394.	6.7	51
4	Kinetic, thermodynamic and mechanism study of the adsorption of phenol on Moroccan clay. <i>Journal of Molecular Liquids</i> , 2020, 312, 113383.	4.9	46
5	Chemical characterization and adsorption of oil mill wastewater on Moroccan clay in order to be used in the agricultural field. <i>Heliyon</i> , 2020, 6, e03164.	3.2	40
6	Kinetic, isotherm and mechanism investigations of the removal of phenols from water by raw and calcined clays. <i>Heliyon</i> , 2019, 5, e01616.	3.2	31
7	Study of the adsorbent properties of nickel oxide for phenol depollution. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5312-5325.	4.9	29
8	Phenol adsorption mechanism on the zinc oxide surface: Experimental, cluster DFT calculations, and molecular dynamics simulations. <i>Journal of Molecular Liquids</i> , 2021, 324, 114993.	4.9	28
9	Comparative study of malachite green and phenol adsorption on synthetic hematite iron oxide nanoparticles (α -Fe ₂ O ₃). <i>Surfaces and Interfaces</i> , 2020, 21, 100637.	3.0	19
10	Adsorption of phenol from aqueous solutions by Na ⁺ bentonite: kinetic, equilibrium and thermodynamic studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3043-3057.	3.3	13
11	Total Oxidation of Isopropanol in the Liquid Phase, under Atmospheric Pressure and Low Temperature, on Transition Metal Oxides Catalysts Cr ₂ O ₃ and Fe ₂ O ₃ . <i>Journal of Chemistry</i> , 2020, 2020, 1-8.	1.9	6
12	Total Oxidation of Isopropanol in Its Liquid Phase, at a Low Temperature in the Presence of Prepared and Characterized Zinc Oxide. <i>International Journal of Analytical Chemistry</i> , 2021, 2021, 1-7.	1.0	3
13	Adsorptive performance of a synthesized Mg-Al Hydrotalcite compound for removal of malachite green: kinetic, isotherm, thermodynamic, and mechanism study. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-20.	3.3	2