

# Mohammed El Khomri

## List of Publications by Year in descending order

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21  
papers

715  
citations

393982

19  
h-index

713013

21  
g-index

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all docs

21  
docs citations

21  
times ranked

391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of methylene blue, crystal violet and congo red from binary and ternary systems with natural clay: Kinetic, isotherm, and thermodynamic. Journal of Environmental Chemical Engineering, 2017, 5, 5921-5932.	3.3	108
2	Biosynthesis of SiO <sub>2</sub> nanoparticles using extract of Nerium oleander leaves for the removal of tetracycline antibiotic. Chemosphere, 2022, 287, 132453.	4.2	62
3	Removal of a cationic dye from aqueous solution by natural clay. Groundwater for Sustainable Development, 2018, 6, 255-262.	2.3	61
4	Biosorption of Congo red in a fixed-bed column from aqueous solution using jujube shell: Experimental and mathematical modeling. Journal of Environmental Chemical Engineering, 2016, 4, 3848-3855.	3.3	36
5	Evaluation of performance of chemically treated date stones: Application for the removal of cationic dyes from aqueous solutions. Journal of the Taiwan Institute of Chemical Engineers, 2016, 67, 244-253.	2.7	35
6	Hydrothermally engineered Eriobotrya japonica leaves/MgO nanocomposites with potential applications in wastewater treatment. Groundwater for Sustainable Development, 2022, 16, 100728.	2.3	33
7	Efficient adsorbent derived from Argania Spinosa for the adsorption of cationic dye: Kinetics, mechanism, isotherm and thermodynamic study. Surfaces and Interfaces, 2020, 20, 100601.	1.5	32
8	Adsorption of Congo red dye from aqueous solutions using tunics of the corm of the saffron. Materials Today: Proceedings, 2020, 22, 134-139.	0.9	31
9	Synthesis of a novel nanocomposite based on date stones/CuFe <sub>2</sub> O <sub>4</sub> nanoparticles for eliminating cationic and anionic dyes from aqueous solution. International Journal of Environmental Studies, 2022, 79, 417-435.	0.7	31
10	Desorption study and reusability of raw and H <sub>2</sub> SO <sub>4</sub> modified jujube shells (Tj ETQq0 0 0 rgBT /Overlock 10 Analytical Chemistry, 2023, 103, 3762-3778.	1.8	29
11	Optimization Based on Response Surface Methodology of Anionic Dye Desorption From Two Agricultural Solid Wastes. Chemistry Africa, 2022, 5, 1083-1095.	1.2	28
12	Modification of low-cost adsorbent prepared from agricultural solid waste for the adsorption and desorption of cationic dye. Emergent Materials, 2022, 5, 1679-1688.	3.2	27
13	Selective and competitive removal of dyes from binary and ternary systems in aqueous solutions by pretreated jujube shell ( <i>Zizyphus lotus</i> ). Journal of Dispersion Science and Technology, 2017, 38, 1168-1174.	1.3	26
14	Desorption of crystal violet from alkali-treated agricultural material waste: an experimental study, kinetic, equilibrium and thermodynamic modeling. Pigment and Resin Technology, 2022, 51, 309-319.	0.5	25
15	Date stones of <i>Phoenix dactylifera</i> and jujube shells of <i>Ziziphus lotus</i> as potential biosorbents for anionic dye removal. International Journal of Phytoremediation, 2017, 19, 1047-1052.	1.7	24
16	Regeneration of argan nutshell and almond shell using HNO <sub>3</sub> for their reusability to remove cationic dye from aqueous solution. Chemical Engineering Communications, 2022, 209, 1304-1315.	1.5	24
17	Green synthesis of Ag <sub>2</sub> O nanoparticles using Punica granatum leaf extract for sulfamethoxazole antibiotic adsorption: characterization, experimental study, modeling, and DFT calculation. Environmental Science and Pollution Research, 2023, 30, 81352-81369.	2.7	24
18	Desorption of Congo red from dye-loaded Phoenix dactylifera date stones and Ziziphus lotus jujube shells. Groundwater for Sustainable Development, 2021, 12, 100552.	2.3	23

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19	Removal of Congo red from aqueous solution in single and binary mixture systems using Argan nutshell wood. <i>Pigment and Resin Technology</i> , 2022, 51, 477-488.	0.5	22
20	Dye removal from aqueous solution using nanocomposite synthesized from oxalic acid-modified agricultural solid waste and ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Nanotechnology for Environmental Engineering</i> , 2022, 7, 797-811.	2.0	21
21	Potassium Fluoride-Modified Clay as a Reusable Heterogeneous Catalyst for One-Pot Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1423-1431.	0.3	13