

Ali Q Selim

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

819
citations

430874

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h-index

713466

21
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21
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21
docs citations

21
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing modified weathered basalt as a novel approach in the preparation of Fe ₃ O ₄ nanoparticles: Experimental and theoretical studies for crystal violet adsorption. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106220.	6.7	28
2	One-step fabrication of a new outstanding rutile TiO ₂ nanoparticles/anthracite adsorbent: Modeling and physicochemical interpretations for malachite green removal. <i>Chemical Engineering Journal</i> , 2021, 426, 131890.	12.7	19
3	H ₂ O ₂ -activated anthracite impregnated with chitosan as a novel composite for Cr(VI) and methyl orange adsorption in single-compound and binary systems: Modeling and mechanism interpretation. <i>Chemical Engineering Journal</i> , 2020, 380, 122445.	12.7	87
4	Experimental and Theoretical Studies of Methyl Orange Uptake by Mn ²⁺ -Rich Synthetic Mica: Insights into Manganese Role in Adsorption and Selectivity. <i>Nanomaterials</i> , 2020, 10, 1464.	4.1	22
5	Novel hybrid multifunctional composite of chitosan and altered basalt for barium adsorption: Experimental and theoretical studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 593, 124613.	4.7	23
6	Deep insights into the organic carbon role in selectivity and adsorption mechanism of phosphate and crystal violet onto low-cost black limestone: Modelling and physicochemical parameters interpretation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 580, 123755.	4.7	23
7	Statistical physics modeling of phosphate adsorption onto chemically modified carbonaceous clay. <i>Journal of Molecular Liquids</i> , 2019, 279, 94-107.	4.9	35
8	Statistical physics-based analysis of the adsorption of Cu ²⁺ and Zn ²⁺ onto synthetic cancrinite in single-compound and binary systems. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103217.	6.7	45
9	Statistical physics modeling and interpretation of methyl orange adsorption on high-order mesoporous composite of MCM-48 silica with treated rice husk. <i>Journal of Molecular Liquids</i> , 2019, 285, 678-687.	4.9	46
10	Surfactant-modified serpentine for fluoride and Cr(VI) adsorption in single and binary systems: Experimental studies and theoretical modeling. <i>Chemical Engineering Journal</i> , 2019, 369, 333-343.	12.7	64
11	Enhancing adsorption capacity of Egyptian diatomaceous earth by thermo-chemical purification: Methylene blue uptake. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 408-419.	9.4	58
12	Experimental results and theoretical statistical modeling of malachite green adsorption onto MCM-41 silica/rice husk composite modified by beta radiation. <i>Journal of Molecular Liquids</i> , 2019, 273, 68-82.	4.9	50
13	A superior adsorbent of CTAB/H ₂ O ₂ solution-modified organic carbon rich-clay for hexavalent chromium and methyl orange uptake from solutions. <i>Journal of Molecular Liquids</i> , 2018, 259, 384-397.	4.9	58
14	Cr(VI) uptake by a composite of processed diatomite with MCM-41: Isotherm, kinetic and thermodynamic studies. <i>Microporous and Mesoporous Materials</i> , 2018, 260, 84-92.	4.4	69
15	Synthesis of sole cancrinite phase from raw muscovite: Characterization and optimization. <i>Journal of Alloys and Compounds</i> , 2018, 762, 653-667.	5.5	49
16	Modification of organic matter-rich clay by a solution of cationic surfactant/H ₂ O ₂ : A new product for fluoride adsorption from solutions. <i>Journal of Cleaner Production</i> , 2018, 192, 712-721.	9.3	50
17	On Improving the Separation Efficiency of a Wet High Gradient Magnetic Separator for the Removal of Pyrite from Egyptian Coal. <i>International Journal of Coal Preparation and Utilization</i> , 2017, 37, 59-74.	2.1	2
18	Adsorption characteristics of Na-A zeolites synthesized from Egyptian kaolinite for manganese in aqueous solutions: Response surface modeling and optimization. <i>Applied Clay Science</i> , 2017, 140, 17-24.	5.2	45

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19	Separation of Pyritic Sulfur from Egyptian Coal Using Falcon Concentrator. Particulate Science and Technology, 2014, 32, 588-594.	2.1	31
20	Gravity Separation of Silica Sands for Value Addition. Particulate Science and Technology, 2013, 31, 590-595.	2.1	9
21	Effect of Celestite-Calcite Mineralogy on Their Separation by Attrition Scrubbing. Particulate Science and Technology, 2011, 29, 272-284.	2.1	6