

# Ali Q Selim

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

819  
citations

430874

18  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

769  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | H <sub>2</sub> O <sub>2</sub> -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        |
| 2  | 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        |
| 3  | 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        |
| 4  | A superior adsorbent of CTAB/H <sub>2</sub> O <sub>2</sub> 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        |
| 5  | 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        |
| 6  | Modification of organic matter-rich clay by a solution of cationic surfactant/H <sub>2</sub> O <sub>2</sub> : A new product for fluoride adsorption from solutions. <i>Journal of Cleaner Production</i> , 2018, 192, 712-721.  | 9.3  | 50        |
| 7  | 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        |
| 8  | 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        |
| 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 | 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        |
| 11 | Statistical physics-based analysis of the adsorption of Cu <sup>2+</sup> and Zn <sup>2+</sup> onto synthetic cancrinite in single-compound and binary systems. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103217.  | 6.7  | 45        |
| 12 | Statistical physics modeling of phosphate adsorption onto chemically modified carbonaceous clay. <i>Journal of Molecular Liquids</i> , 2019, 279, 94-107.   | 4.9  | 35        |
| 13 | Separation of Pyritic Sulfur from Egyptian Coal Using Falcon Concentrator. <i>Particulate Science and Technology</i> , 2014, 32, 588-594.   | 2.1  | 31        |
| 14 | Utilizing modified weathered basalt as a novel approach in the preparation of Fe <sub>3</sub> O <sub>4</sub> nanoparticles: Experimental and theoretical studies for crystal violet adsorption. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106220.                                 | 6.7  | 28        |
| 15 | 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        |
| 16 | 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        |
| 17 | Experimental and Theoretical Studies of Methyl Orange Uptake by Mn-Rich Synthetic Mica: Insights into Manganese Role in Adsorption and Selectivity. <i>Nanomaterials</i> , 2020, 10, 1464.  | 4.1  | 22        |
| 18 | One-step fabrication of a new outstanding rutile TiO <sub>2</sub> nanoparticles/anthracite adsorbent: Modeling and physicochemical interpretations for malachite green removal. <i>Chemical Engineering Journal</i> , 2021, 426, 131890.  | 12.7 | 19        |

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|----|--|-----|-----------|
| 19 | Gravity Separation of Silica Sands for Value Addition. Particulate Science and Technology, 2013, 31, 590-595.  | 2.1 | 9         |
| 20 | Effect of Celestite-Calcite Mineralogy on Their Separation by Attrition Scrubbing. Particulate Science and Technology, 2011, 29, 272-284.  | 2.1 | 6         |
| 21 | On Improving the Separation Efficiency of a Wet High Gradient Magnetic Separator for the Removal of Pyrite from Egyptian Coal. International Journal of Coal Preparation and Utilization, 2017, 37, 59-74. | 2.1 | 2         |