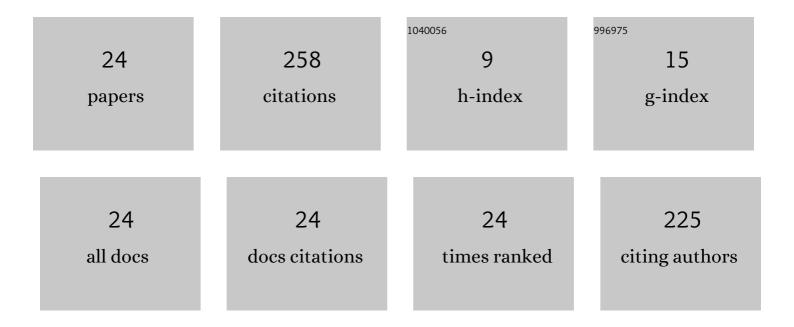
Abdelsalam A Elawwad

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6799146/publications.pdf Version: 2024-02-01



1

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Adsorption of phosphorus onto nanoscale zero-valent iron/activated carbon: removal mechanisms, thermodynamics, and interferences. Journal of Water Reuse and Desalination, 2022, 12, 111-130. | 2.3 | 9 |
| 2 | Adsorption of Pb(II) from Water onto ZnO, TiO ₂ , and Al ₂ O ₃ : Process Study, Adsorption Behaviour, and Thermodynamics. Adsorption Science and Technology, 2022, 2022, . | 3.2 | 11 |
| 3 | Adsorption of Phenol onto Aluminum Oxide Nanoparticles: Performance Evaluation, Mechanism Exploration, and Principal Component Analysis (PCA) of Thermodynamics. Adsorption Science and Technology, 2022, 2022, . | 3.2 | 7 |
| 4 | A New Model for Microbial Desalination Cells: Model Formulation and Validation under Different Operating Conditions. Journal of Chemistry, 2022, 2022, 1-10. | 1.9 | 2 |
| 5 | Assessment and simulation of a solid waste dumpsite impact on the surrounding water resources: A case study in Abu Zaabal, Egypt. Heliyon, 2021, 7, e08421. | 3.2 | 7 |
| 6 | Enhancing the performance of microbial desalination cells using δMnO2/graphene nanocomposite as a cathode catalyst. Journal of Water Reuse and Desalination, 2020, 10, 214-226. | 2.3 | 19 |
| 7 | Simultaneous power generation and pollutant removals using microbial desalination cell at variable operation modes. Renewable Energy, 2019, 143, 939-949. | 8.9 | 31 |
| 8 | Evaluating the performance of Microbial Desalination Cells subjected to different operating temperatures. Desalination, 2019, 462, 56-66. | 8.2 | 38 |
| 9 | Plant-wide modeling and optimization of a large-scale WWTP using BioWin's ASDM model. Journal of Water Process Engineering, 2019, 31, 100819. | 5.6 | 31 |
| 10 | Optimized biological nitrogen removal of high-strength ammonium wastewater by activated sludge modeling. Journal of Water Reuse and Desalination, 2018, 8, 393-403. | 2.3 | 15 |
| 11 | Simulation of municipal-industrial full scale WWTP in an arid climate by application of ASM3. Journal of Water Reuse and Desalination, 2017, 7, 37-44. | 2.3 | 16 |
| 12 | Using an Algal Photo-Bioreactor as a Polishing Step for Secondary Treated Wastewater. Polish Journal of Environmental Studies, 2017, 26, 1493-1500. | 1.2 | 16 |
| 13 | Modeling of phenol and cyanide removal in a full-scale coke-oven wastewater treatment plant. Desalination and Water Treatment, 2016, 57, 25181-25193. | 1.0 | 14 |
| 14 | An economical, environmental, and social comparison between vacuum and gravity sewers in decentralized sanitation systems, with Egypt as a case study. Journal of Water Sanitation and Hygiene for Development, 2015, 5, 614-619. | 1.8 | 9 |
| 15 | Long-term starvation and subsequent recovery of nitrifiers in aerated submerged fixed-bed biofilm reactors. Environmental Technology (United Kingdom), 2013, 34, 945-959. | 2.2 | 22 |
| 16 | Performance of Integrated Fixed-Film Activated Sludge (IFAS) under Variable Organic Load. , 0, , . | | 0 |
| 17 | Use of Continuous-Flow Sequencing Batch Biofilm Reactor (CSBBR) for Wastewater Treatment. , 0, , . | | 0 |
| | | | |

18 Removal of Cyanide from Wastewater Using Electrocoagulation. , 0, , .

2

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The Start-Up of Aerated Submerged Fixed-Bed Biofilm Reactors for Steady State Nitrification. International Journal of Environmental Pollution and Remediation, 0, , . | 0.0 | 1 |
| 20 | Minimization of sludge production in an integrated UASB-continuous flow sequencing batch reactor system. , 0, 91, 206-213. | | 7 |
| 21 | Plant-Wide Simulation for a Mega WWTP: A Case Study of Gabal ElAsfar WWTP, Egypt. , 0, , . | | 1 |
| 22 | Simultaneous Water Purification and Energy Production in a Microbial Desalination Cell. , 0, , . | | 0 |
| 23 | Wastewater Treatment by Electrocoagulation: A comparative study using different anode materials. , 0, , . | | 0 |
| 24 | Performance of up-flow anaerobic sludge blanket followed by continuous-flow sequencing batch reactor. , 0, , . | | 1 |