

Abdelsalam A Elawwad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Adsorption of phosphorus onto nanoscale zero-valent iron/activated carbon: removal mechanisms, thermodynamics, and interferences. <i>Journal of Water Reuse and Desalination</i> , 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. <i>Adsorption Science and Technology</i> , 2022, .	3.2	11
3	Adsorption of Phenol onto Aluminum Oxide Nanoparticles: Performance Evaluation, Mechanism Exploration, and Principal Component Analysis (PCA) of Thermodynamics. <i>Adsorption Science and Technology</i> , 2022, 2022, .	3.2	7
4	A New Model for Microbial Desalination Cells: Model Formulation and Validation under Different Operating Conditions. <i>Journal of Chemistry</i> , 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. <i>Heliyon</i> , 2021, 7, e08421.	3.2	7
6	Enhancing the performance of microbial desalination cells using γ -MnO ₂ /graphene nanocomposite as a cathode catalyst. <i>Journal of Water Reuse and Desalination</i> , 2020, 10, 214-226.	2.3	19
7	Simultaneous power generation and pollutant removals using microbial desalination cell at variable operation modes. <i>Renewable Energy</i> , 2019, 143, 939-949.	8.9	31
8	Evaluating the performance of Microbial Desalination Cells subjected to different operating temperatures. <i>Desalination</i> , 2019, 462, 56-66.	8.2	38
9	Plant-wide modeling and optimization of a large-scale WWTP using BioWin [™] s ASDM model. <i>Journal of Water Process Engineering</i> , 2019, 31, 100819.	5.6	31
10	Optimized biological nitrogen removal of high-strength ammonium wastewater by activated sludge modeling. <i>Journal of Water Reuse and Desalination</i> , 2018, 8, 393-403.	2.3	15
11	Simulation of municipal-industrial full scale WWTP in an arid climate by application of ASM3. <i>Journal of Water Reuse and Desalination</i> , 2017, 7, 37-44.	2.3	16
12	Using an Algal Photo-Bioreactor as a Polishing Step for Secondary Treated Wastewater. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 1493-1500.	1.2	16
13	Modeling of phenol and cyanide removal in a full-scale coke-oven wastewater treatment plant. <i>Desalination and Water Treatment</i> , 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. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2015, 5, 614-619.	1.8	9
15	Long-term starvation and subsequent recovery of nitrifiers in aerated submerged fixed-bed biofilm reactors. <i>Environmental Technology (United Kingdom)</i> , 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, , .		1

#	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