

Mohamed Sherif Zaghloul

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

512
citations

840585

11
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

437
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of food-to-microorganisms ratio on the stability of aerobic granular sludge treating high-strength organic wastewater. <i>Water Research</i> , 2018, 147, 287-298.	5.3	92
2	Aerobic granular sludge membrane bioreactor (AGMBR): Extracellular polymeric substances (EPS) analysis. <i>Water Research</i> , 2019, 156, 305-314.	5.3	86
3	Comparison of adaptive neuro-fuzzy inference systems (ANFIS) and support vector regression (SVR) for data-driven modelling of aerobic granular sludge reactors. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103742.	3.3	66
4	Optimization of organics to nutrients (COD:N:P) ratio for aerobic granular sludge treating high-strength organic wastewater. <i>Science of the Total Environment</i> , 2019, 650, 3168-3179.	3.9	53
5	Rapid formation and characterization of aerobic granules in pilot-scale sequential batch reactor for high-strength organic wastewater treatment. <i>Journal of Water Process Engineering</i> , 2018, 22, 27-33.	2.6	37
6	Long-term aerobic granular sludge stability through anaerobic slow feeding, fixed feast-famine period ratio, and fixed SRT. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103681.	3.3	33
7	Application of machine learning techniques to model a full-scale wastewater treatment plant with biological nutrient removal. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107430.	3.3	32
8	Development of an ensemble of machine learning algorithms to model aerobic granular sludge reactors. <i>Water Research</i> , 2021, 189, 116657.	5.3	31
9	Performance prediction of an aerobic granular SBR using modular multilayer artificial neural networks. <i>Science of the Total Environment</i> , 2018, 645, 449-459.	3.9	29
10	Simultaneous organics and nutrients removal in side-stream aerobic granular sludge membrane bioreactor (AGMBR). <i>Journal of Water Process Engineering</i> , 2018, 21, 127-132.	2.6	27
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.	1.2	16
12	A review of mechanistic and data-driven models of aerobic granular sludge. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107500.	3.3	10