Mohamed Sherif Zaghloul

List of Publications by Year
in descending order

12	512	840585 11	1199470 12
papers	citations	h-index	g-index

12	12	12	437
all docs	docs citations	times ranked	citing authors

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