

# Sina Borzooei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2727263/publications.pdf>

Version: 2024-02-01

17  
papers

491  
citations

759233

12  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

250  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid modelling of water resource recovery facilities: status and opportunities. <i>Water Science and Technology</i> , 2022, 85, 2503-2524.	2.5	22
2	Deep Learning Optimization for Soft Sensing of Hard-to-Measure Wastewater Key Variables. <i>ACS ES&amp;T Engineering</i> , 2022, 2, 1341-1355.	7.6	12
3	Application of natural biodegradable fiber as biofilm medium and carbon source in DENitrifying AMmonium OXidation (DEAMOX) process for nitrogen removal from wastewater. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 119, 108-114.	5.3	33
4	Critical evaluation of respirometric and physicochemical methods for characterization of municipal wastewater during wet-weather events. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105238.	6.7	8
5	Digital solutions for continued operation of WRRFs during pandemics and other interruptions. <i>Water Environment Research</i> , 2021, 93, 2527-2536.	2.7	6
6	Application of unsupervised learning and process simulation for energy optimization of a WWTP under various weather conditions. <i>Water Science and Technology</i> , 2020, 81, 1541-1551.	2.5	60
7	Feasibility analysis for reduction of carbon footprint in a wastewater treatment plant. <i>Journal of Cleaner Production</i> , 2020, 271, 122526.	9.3	23
8	Energy optimization of a wastewater treatment plant based on energy audit data: small investment with high return. <i>Environmental Science and Pollution Research</i> , 2020, 27, 17972-17985.	5.3	46
9	Modelling solute transport in water disinfection systems: Effects of temperature gradient on the hydraulic and disinfection efficiency of serpentine chlorine contact tanks. <i>Journal of Water Process Engineering</i> , 2020, 37, 101411.	5.6	34
10	Optimization of the wastewater treatment plant: From energy saving to environmental impact mitigation. <i>Science of the Total Environment</i> , 2019, 691, 1182-1189.	8.0	68
11	Assessment of weather-based influent scenarios for a WWTP: Application of a pattern recognition technique. <i>Journal of Environmental Management</i> , 2019, 242, 450-456.	7.8	15
12	Data Mining Application in Assessment of Weather-Based Influent Scenarios for a WWTP: Getting the Most Out of Plant Historical Data. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	39
13	Data scarcity in modelling and simulation of a large-scale WWTP: Stop sign or a challenge. <i>Journal of Water Process Engineering</i> , 2019, 28, 10-20.	5.6	52
14	Impact Evaluation of Wet-Weather Events on Influent Flow and Loadings of a Water Resource Recovery Facility. <i>Green Energy and Technology</i> , 2019, , 706-711.	0.6	14
15	APPLICATION OF SMOOTHED PARTICLE HYDRODYNAMICS IN EVALUATING THE PERFORMANCE OF COASTAL RETROFIT STRUCTURES. <i>Coastal Engineering Proceedings</i> , 2018, , 109.	0.1	9
16	Fuel Consumption Monitoring for Travel Demand Modeling. <i>Transportation Research Procedia</i> , 2016, 17, 703-712.	1.5	2
17	Wave runup prediction using M5 model tree algorithm. <i>Ocean Engineering</i> , 2016, 112, 76-81.	4.3	44