

# Congcong Sun

## List of Publications by Year in descending order

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14  
papers

174  
citations

1478505

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1281871

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docs citations

14  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leak Localization in Water Distribution Networks Using Pressure and Data-Driven Classifier Approach. Water (Switzerland), 2020, 12, 54.	2.7	44
2	Real-Time Control of Urban Water Cycle under Cyber-Physical Systems Framework. Water (Switzerland), 2020, 12, 406.	2.7	28
3	Integrated pollution-based real-time control of sanitation systems. Journal of Environmental Management, 2020, 269, 110798.	7.8	22
4	Cyber-Physical Systems for Real-Time Management in the Urban Water Cycle. , 2018, , .		16
5	An MPC-Enabled SWMM Implementation of the Astlingen RTC Benchmarking Network. Water (Switzerland), 2020, 12, 1034.	2.7	16
6	Chance-constrained stochastic MPC of Astlingen urban drainage benchmark network. Control Engineering Practice, 2021, 115, 104900.	5.5	15
7	Combining Model Predictive Control with Constraint-satisfaction Formulation for the Operative Pumping Control in Water Networks. Procedia Engineering, 2015, 119, 963-972.	1.2	9
8	Control-oriented quality modelling approach of sewer networks. Journal of Environmental Management, 2021, 294, 113031.	7.8	9
9	Real-Time Control-Oriented Quality Modelling in Combined Urban Drainage Networks * *This research is funded by EU funding for the project LIFE EFFIDRAIN LIFE14 ENV/ES/00080. IFAC-PapersOnLine, 2017, 50, 3941-3946.	0.9	7
10	A Feedback Simulation Procedure for Real-time Control of Urban Drainage Systems. IFAC-PapersOnLine, 2019, 52, 101-106.	0.9	5
11	An integrated software architecture for the pollution-based real-time control of urban drainage systems. Journal of Hydroinformatics, 2021, 23, 671-687.	2.4	2
12	Factors influencing the stormwater quality model of sewer networks and a case study of Louis Fargue urban catchment in Bordeaux, France. Water Science and Technology, 2020, 81, 2232-2243.	2.5	1
13	Coordinating multi-layer MPC for complex water systems. , 2014, , .		0
14	Coordinating Regional and Urban Water Networks. Advances in Industrial Control, 2017, , 385-400.	0.5	0