

Sybil Sharvelle

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

431
citations

687363

13
h-index

752698

20
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28
all docs

28
docs citations

28
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Microalgae to biofuels: Life cycle impacts of methane production of anaerobically digested lipid extracted algae. <i>Bioresource Technology</i> , 2014, 171, 37-43.	9.6	51
2	Urban Stormwater to Enhance Water Supply. <i>Environmental Science & Technology</i> , 2019, 53, 5534-5542.	10.0	46
3	A geospatially-enabled web tool for urban water demand forecasting and assessment of alternative urban water management strategies. <i>Environmental Modelling and Software</i> , 2017, 97, 213-228.	4.5	38
4	Resilience-based infrastructure planning and asset management: Study of dual and singular water distribution infrastructure performance using a simulation approach. <i>Sustainable Cities and Society</i> , 2019, 48, 101577.	10.4	30
5	Risk-Based Framework for the Development of Public Health Guidance for Decentralized Non-Potable Water Systems. <i>Proceedings of the Water Environment Federation</i> , 2017, 2017, 3799-3809.	0.0	27
6	Hydrodynamic Characteristics in Biotrickling Filters as Affected by Packing Material and Hydraulic Loading Rate. <i>Journal of Environmental Engineering, ASCE</i> , 2008, 134, 346-352.	1.4	26
7	Effects of Urban Development Patterns on Municipal Water Shortage. <i>Frontiers in Water</i> , 2021, 3, .	2.3	26
8	Evaluation of Biodegradability and Biodegradation Kinetics for Anionic, Nonionic, and Amphoteric Surfactants. <i>Water, Air, and Soil Pollution</i> , 2007, 183, 177-186.	2.4	25
9	Centralized and Decentralized Strategies for Dual Water Supply: Case Study. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018, 144, .	2.6	18
10	Progress and Promise Transitioning to the One Water/Resource Recovery Integrated Urban Water Management Systems. <i>Journal of Environmental Engineering, ASCE</i> , 2019, 145, .	1.4	18
11	Development and Application of a SWMM-Based Simulation Model for Municipal Scale Hydrologic Assessments. <i>Water (Switzerland)</i> , 2021, 13, 1644.	2.7	15
12	Model Development for Biotrickling Filter Treatment of Graywater Simulant and Waste Gas. I. <i>Journal of Environmental Engineering, ASCE</i> , 2008, 134, 813-825.	1.4	13
13	Demonstration of Anaerobic Digestion of Black Water for Methane Capture and Use in an Office Building. <i>Water Practice and Technology</i> , 2011, 6, .	2.0	13
14	Collaborative, Risk-Informed, Triple Bottom Line, Multi-Criteria Decision Analysis Planning Framework for Integrated Urban Water Management. <i>Water (Switzerland)</i> , 2018, 10, 1722.	2.7	13
15	A Cyanobacterial Sidestream Nutrient Removal Process and Its Life Cycle Implications. <i>Bioenergy Research</i> , 2019, 12, 217-228.	3.9	13
16	Decentralized Water Reuse: Implementing and Regulating Onsite Nonpotable Water Systems. <i>Journal of Sustainable Water in the Built Environment</i> , 2020, 6, .	1.6	8
17	Simultaneous Treatment of Graywater and Waste Gas in a Biological Tricking Filter. <i>Water Environment Research</i> , 2008, 80, 2096-2103.	2.7	7
18	Modeled Response of Wastewater Nutrient Treatment to Indoor Water Conservation. <i>Environmental Engineering Science</i> , 2018, 35, 437-446.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Characterization of Municipal Water Uses in the Contiguous United States. <i>Water Resources Research</i> , 2021, 57, e2020WR028627.	4.2	7
20	Characterization of Effluent from Biological Trickling Filters Treating Graywater in Advanced Life Support Systems. <i>Habitation</i> , 2007, 11, 95-104.	0.2	6
21	Estimation of Graywater Constituent Removal Rates in Outdoor Free-Water-Surface Wetland in Temperate Climate. <i>Journal of Environmental Engineering, ASCE</i> , 2013, 139, 766-771.	1.4	5
22	Impact of Water Conservation and Reuse on Water Systems and Receiving Water Body Quality. <i>Environmental Engineering Science</i> , 2018, 35, 545-559.	1.6	5
23	Development of generalized empirical models for comparing effectiveness of wastewater nutrient removal technologies. <i>Environmental Science and Pollution Research</i> , 2019, 26, 27915-27929.	5.3	5
24	Assessing tradeoffs of strategies for urban water conservation and fit for purpose water. <i>Journal of Hydrology X</i> , 2020, 8, 100059.	1.6	4
25	Model Sensitivity Analysis for Biotrickling Filter Treatment of Graywater Simulant and Waste Gas. II. <i>Journal of Environmental Engineering, ASCE</i> , 2008, 134, 826-834.	1.4	3
26	Biodegradation of Disodium Cocoamphodiacetate by a Wastewater Microbial Consortium. <i>Water Environment Research</i> , 2008, 80, 276-281.	2.7	1
27	Assessing cost-effective nutrient removal solutions in the urban water system. <i>Journal of Environmental Quality</i> , 2020, 49, 534-544.	2.0	1
28	Water Quality for Decentralized Use of Non-potable Water Sources. <i>Women in Engineering and Science</i> , 2020, , 61-73.	0.4	0