Matthew E Verbyla

List of Publications by Year
in descending order

33	1,020	567281 15	434195 31
papers	citations	h-index	g-index

34	34	34	1270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of virus removal in wastewater treatment pond systems. Water Research, 2015, 71, 107-124.	11.3	128
2	A case study of enteric virus removal and insights into the associated risk of water reuse for two wastewater treatment pond systems in Bolivia. Water Research, 2014, 65, 257-270.	11.3	112
3	Epidemiological Evidence and Health Risks Associated With Agricultural Reuse of Partially Treated and Untreated Wastewater: A Review. Frontiers in Public Health, 2018, 6, 337.	2.7	85
4	Managing Microbial Risks from Indirect Wastewater Reuse for Irrigation in Urbanizing Watersheds. Environmental Science & Technology, 2016, 50, 6803-6813.	10.0	83
5	Wastewater Infrastructure for Small Cities in an Urbanizing World: Integrating Protection of Human Health and the Environment with Resource Recovery and Food Security. Environmental Science & Technology, 2013, 47, 3598-3605.	10.0	61
6	The Grandest Challenge of All: The Role of Environmental Engineering to Achieve Sustainability in the World's Developing Regions. Environmental Engineering Science, 2017, 34, 16-41.	1.6	61
7	Variability in Disinfection Resistance between Currently Circulating Enterovirus B Serotypes and Strains. Environmental Science & Technology, 2018, 52, 3696-3705.	10.0	51
8	Microbial source tracking in shellfish harvesting waters in the Gulf of Nicoya, Costa Rica. Water Research, 2017, 111, 177-184.	11.3	48
9	Evaluation of process limit of detection and quantification variation of SARS-CoV-2 RT-qPCR and RT-dPCR assays for wastewater surveillance. Water Research, 2022, 213, 118132.	11.3	46
10	Systematic review and meta-analysis of time-temperature pathogen inactivation. International Journal of Hygiene and Environmental Health, 2020, 230, 113595.	4.3	33
11	Pathogens and fecal indicators in waste stabilization pond systems with direct reuse for irrigation: Fate and transport in water, soil and crops. Science of the Total Environment, 2016, 551-552, 429-437.	8.0	31
12	Why pathogens matter for meeting the united nationsâ€™ sustainable development goal 6 on safely managed water and sanitation. Water Research, 2021, 189, 116591.	11.3	31
13	Taenia eggs in a stabilization pond system with poor hydraulics: concern for human cysticercosis?. Water Science and Technology, 2013, 68, 2698-2703.	2.5	27
14	Reduction and partitioning of viral and bacterial indicators in a UASB reactor followed by high rate algal ponds treating domestic sewage. Science of the Total Environment, 2021, 760, 144309.	8.0	24
15	Fluorescence-based monitoring of anthropogenic pollutant inputs to an urban stream in Southern California, USA. Science of the Total Environment, 2020, 718, 137206.	8.0	22
16	Environmental Engineering for the 21st Century: Increasing Diversity and Community Participation to Achieve Environmental and Social Justice. Environmental Engineering Science, 2021, 38, 288-297.	1.6	18
17	Global Water, Sanitation, and Hygiene Approaches: Anthropological Contributions and Future Directions for Engineering. Environmental Engineering Science, 2021, 38, 402-417.	1.6	18
18	Reduction and liquid-solid partitioning of SARS-CoV-2 and adenovirus throughout the different stages of a pilot-scale wastewater treatment plant. Water Research, 2022, 212, 118069.	11.3	15

#	Article	IF	Citations
19	Emerging challenges for pathogen control and resource recovery in natural wastewater treatment systems. Wiley Interdisciplinary Reviews: Water, 2015, 2, 701-714.	6.5	14
20	Safely Managed Hygiene: A Risk-Based Assessment of Handwashing Water Quality. Environmental Science & Technology, 2019, 53, 2852-2861.	10.0	13
21	An Assessment of Ambient Water Quality and Challenges with Access to Water and Sanitation Services for Individuals Experiencing Homelessness in Riverine Encampments. Environmental Engineering Science, 2021, 38, 389-401.	1.6	13
22	Dishwashing water recycling system and related water quality standards for military use. Science of the Total Environment, 2015, 529, 275-284.	8.0	12
23	Detection, Quantification, and Simplified Wastewater Surveillance Model of SARS-CoV-2 RNA in the Tijuana River. ACS ES&T Water, 2022, 2, 2134-2143.	4.6	11
24	Persistence of Fecal Indicators and Microbial Source Tracking Markers in Water Flushed from Riverbank Soils. Water, Air, and Soil Pollution, 2022, 233, 1.	2.4	10
25	Performance evaluation of 388 full-scale waste stabilization pond systems with seven different configurations. Water Science and Technology, 2017, 75, 916-927.	2.5	6
26	Conceptualizing an Interdisciplinary Collective Impact Approach to Examine and Intervene in the Chronic Cycle of Homelessness. International Journal of Environmental Research and Public Health, 2021, 18, 2020.	2.6	6
27	Modelling rotavirus concentrations in rivers: Assessing Uganda's present and future microbial water quality. Water Research, 2021, 204, 117615.	11.3	6
28	What Is Safe Sanitation?. Journal of Environmental Engineering, ASCE, 2019, 145, .	1.4	5
29	Translating pathogen knowledge to practice for sanitation decision-making. Journal of Water and Health, 2019, 17, 896-909.	2.6	5
30	Holistically Managing Pathogens and Nutrients in Urbanizing Tropical Towns: Can Sanitation Technologies Create Safer Conditions for Beach Recreation?. ACS ES&T Water, 2021, 1, 1184-1197.	4.6	3
31	Bridging Science and Practice-Importance of Stakeholders in the Development of Decision Support: Lessons Learned. Sustainability, 2021, 13, 5744.	3.2	2
32	Improving the Global Competency of Graduate Engineers Through Peace Corps Partnership and Long-term International Service. , 0, , .		2
33	Exploring the Expanding Impact of a Sustainable Development Engineering Course Through a Critical Evolutionary Review. , 2015, , 26.735.1.		0