

Brandon Reyneke

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

608
citations

759233

12
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. <i>Science of the Total Environment</i> , 2022, 805, 149877.	8.0	153
2	Biological Control of <i>Acinetobacter baumannii</i> : In Vitro and In Vivo Activity, Limitations, and Combination Therapies. <i>Microorganisms</i> , 2022, 10, 1052.	3.6	6
3	Integration of <i>Bdellovibrio</i> spp. with SODIS and <i>Moringa oleifera</i> flocculation to target multi-drug resistant <i>Klebsiella pneumoniae</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107962.	6.7	2
4	Prevalence of ESKAPE pathogens in the environment: Antibiotic resistance status, community-acquired infection and risk to human health. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 244, 114006.	4.3	69
5	Electrochemically assisted photocatalysis for the disinfection of rainwater under solar irradiation. <i>Applied Catalysis B: Environmental</i> , 2021, 281, 119485.	20.2	27
6	Insights into <i>Bdellovibrio</i> spp. mechanisms of action and potential applications. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 85.	3.6	7
7	Human Pathogenic Bacteria Detected in Rainwater: Risk Assessment and Correlation to Microbial Source Tracking Markers and Traditional Indicators. <i>Frontiers in Microbiology</i> , 2021, 12, 659784.	3.5	8
8	<i>Podoviridae</i> bacteriophage for the biocontrol of <i>Pseudomonas aeruginosa</i> in rainwater. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 87-102.	2.4	4
9	Validation of large-volume batch solar reactors for the treatment of rainwater in field trials in sub-Saharan Africa. <i>Science of the Total Environment</i> , 2020, 717, 137223.	8.0	20
10	Rainwater treatment technologies: Research needs, recent advances and effective monitoring strategies. <i>Current Opinion in Environmental Science and Health</i> , 2020, 16, 28-33.	4.1	12
11	EMA-amplicon-based sequencing informs risk assessment analysis of water treatment systems. <i>Science of the Total Environment</i> , 2020, 743, 140717.	8.0	8
12	EMA-amplicon-based taxonomic characterisation of the viable bacterial community present in untreated and SODIS treated roof-harvested rainwater. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 91-101.	2.4	8
13	Persistence of Viable Bacteria in Solar Pasteurised Harvested Rainwater. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	9
14	A global review of the microbiological quality and potential health risks associated with roof-harvested rainwater tanks. <i>Npj Clean Water</i> , 2019, 2, .	8.0	67
15	Exploring the antimicrobial resistance profiles of WHO critical priority list bacterial strains. <i>BMC Microbiology</i> , 2019, 19, 303.	3.3	32
16	Rainwater harvesting solar pasteurization treatment systems for the provision of an alternative water source in peri-urban informal settlements. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 291-302.	2.4	22
17	Compound parabolic collector solar disinfection system for the treatment of harvested rainwater. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 976-991.	2.4	15
18	<i>Cryptosporidium</i> and <i>Giardia</i> in Wastewater and Surface Water Environments. <i>Journal of Environmental Quality</i> , 2018, 47, 1006-1023.	2.0	36

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19	Comparison of EMA-, PMA- and DNase qPCR for the determination of microbial cell viability. Applied Microbiology and Biotechnology, 2017, 101, 7371-7383.	3.6	56
20	Comparative analysis of solar pasteurization versus solar disinfection for the treatment of harvested rainwater. BMC Microbiology, 2016, 16, 289.	3.3	21
21	EMA-qPCR to monitor the efficiency of a closed-coupled solar pasteurization system in reducing Legionella contamination of roof-harvested rainwater. Science of the Total Environment, 2016, 553, 662-670.	8.0	26
22	<i>In vitro</i> toxicity studies of novel solar water disinfection reactors using the E-screen bioassay and the Ames test. H2Open Journal, 0, , .	1.7	0