

# Brian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/526578/publications.pdf>

Version: 2024-02-01

22  
papers

1,621  
citations

586496

16  
h-index

759306

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen Peak "Averaging" in Potable Reuse Systems: Lessons Learned from Wastewater Surveillance of SARS-CoV-2. ACS ES&T Water, 2022, 2, 1863-1870.	2.3	6
2	Distributions of waterborne pathogens in raw wastewater based on a 14-month, multi-site monitoring campaign. Water Research, 2022, 213, 118170.	5.3	13
3	Reproducibility and sensitivity of 36 methods to quantify the SARS-CoV-2 genetic signal in raw wastewater: findings from an interlaboratory methods evaluation in the U.S.. Environmental Science: Water Research and Technology, 2021, 7, 504-520.	1.2	185
4	Editorial Perspectives: will SARS-CoV-2 reset public health requirements in the water industry? Integrating lessons of the past and emerging research. Environmental Science: Water Research and Technology, 2020, 6, 1761-1764.	1.2	8
5	The utility of flow cytometry for potable reuse. Current Opinion in Biotechnology, 2019, 57, 42-49.	3.3	9
6	Mechanical Reliability in Potable Reuse: Evaluation of an Advanced Water Purification Facility. Journal - American Water Works Association, 2018, 110, E19.	0.2	6
7	Distributed Chlorine Injection To Minimize NDMA Formation during Chloramination of Wastewater. Environmental Science and Technology Letters, 2018, 5, 462-466.	3.9	26
8	Quantifying pathogen risks associated with potable reuse: A risk assessment case study for Cryptosporidium. Water Research, 2017, 119, 252-266.	5.3	51
9	Reliability of pathogen control in direct potable reuse: Performance evaluation and QMRA of a full-scale 1 MGD advanced treatment train. Water Research, 2017, 122, 258-268.	5.3	56
10	Padre Dam's Advanced Water Purification Program: Building a Better Future Inspired by Creativity From the Past. Journal - American Water Works Association, 2016, 108, 68-76.	0.2	1
11	Achieving Reliability in Potable Reuse: The Four Rs. Journal - American Water Works Association, 2015, 107, 48-58.	0.2	25
12	Subtle Differences in Virus Composition Affect Disinfection Kinetics and Mechanisms. Applied and Environmental Microbiology, 2013, 79, 3455-3467.	1.4	76
13	Potable reuse treatment trains throughout the world. Journal of Water Supply: Research and Technology - AQUA, 2013, 62, 321-338.	0.6	196
14	Photoinactivation of virus on iron-oxide coated sand: Enhancing inactivation in sunlit waters. Water Research, 2012, 46, 1763-1770.	5.3	43
15	Virus Inactivation Mechanisms: Impact of Disinfectants on Virus Function and Structural Integrity. Environmental Science & Technology, 2012, 46, 12069-12078.	4.6	311
16	Framework for Using Quantitative PCR as a Nonculture Based Method To Estimate Virus Infectivity. Environmental Science & Technology, 2011, 45, 2257-2263.	4.6	82
17	Fate of the pathogen indicators phage $\lambda$ X174 and Ascaris suum eggs during the production of struvite fertilizer from source-separated urine. Water Research, 2011, 45, 4960-4972.	5.3	66
18	Quantitative PCR for Determining the Infectivity of Bacteriophage MS2 upon Inactivation by Heat, UV-B Radiation, and Singlet Oxygen: Advantages and Limitations of an Enzymatic Treatment To Reduce False-Positive Results. Applied and Environmental Microbiology, 2009, 75, 5544-5554.	1.4	155

#	ARTICLE	IF	CITATIONS
19	The effects of temperature, pH, and ammonia concentration on the inactivation of Ascaris eggs in sewage sludge. <i>Water Research</i> , 2007, 41, 2893-2902.	5.3	112
20	A Real-Time PCR Method for Quantifying Viable Ascaris Eggs Using the First Internally Transcribed Spacer Region of Ribosomal DNA. <i>Applied and Environmental Microbiology</i> , 2006, 72, 7864-7872.	1.4	63
21	Inactivation of <i>Ascaris suum</i> Eggs by Ammonia. <i>Environmental Science &amp; Technology</i> , 2005, 39, 7909-7914.	4.6	65
22	Swelling-activated calcium signalling in cultured mouse primary sensory neurons. <i>European Journal of Neuroscience</i> , 2001, 13, 722-734.	1.2	66