

Masahiro Otaki

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

158
citations

1040056

9
h-index

1199594

12
g-index

20
all docs

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docs citations

20
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceutical Contaminants in Shallow Groundwater and Their Implication for Poor Sanitation Facilities in Low-Income Countries. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 266-274.	4.3	3
2	Hygiene risk of waterborne pathogenic viruses in rural communities using onsite sanitation systems and shallow dug wells. <i>Science of the Total Environment</i> , 2021, 752, 141775.	8.0	11
3	Evaluation of Human Norovirus Genogroup-II (HNoV-II) Inactivation by Ozonated Water Using Quantitative PCR Combined with PMA Pretreatment. <i>Ozone: Science and Engineering</i> , 2021, 43, 490-498.	2.5	2
4	Availability and public acceptability of residential rainwater use in Sri Lanka. <i>Journal of Cleaner Production</i> , 2019, 234, 467-476.	9.3	16
5	The Mechanism of Chlorine Damage Using Enhanced Green Fluorescent Protein-Expressing <i>Escherichia coli</i> . <i>Water (Switzerland)</i> , 2019, 11, 2156.	2.7	10
6	Fate of Pathogens in Composting Process. , 2019, , 61-77.		0
7	Potential of Rainwater Utilization in Households Based on the Distributions of Catchment Area and End-Use Water Demand. <i>Water (Switzerland)</i> , 2018, 10, 1706.	2.7	7
8	Potential of efficient toilets in Hanoi, Vietnam. <i>Water Practice and Technology</i> , 2018, 13, 621-628.	2.0	2
9	Combined Methods for Quantifying End-Uses of Residential Indoor Water Consumption. <i>Environmental Processes</i> , 2017, 4, 33-47.	3.5	10
10	Development of a DNA-dosimeter system for monitoring the effects of pulsed ultraviolet radiation. <i>Annals of Microbiology</i> , 2013, 63, 1057-1063.	2.6	8
11	Quantitative Analysis of the Inactivation Mechanisms of <i>Escherichia coli</i> by a Newly Developed Method Using Propidium Monoazide. <i>Journal of Water and Environment Technology</i> , 2013, 11, 507-517.	0.7	2
12	Water Demand Management: A Strategic Approach towards a Sustainable Urban Water System in Hanoi. <i>Journal of Water and Environment Technology</i> , 2013, 11, 403-418.	0.7	4
13	Inactivation Mechanisms of <i>E. coli</i> in the Sawdust Used in Composting Toilet. <i>Journal of Water and Environment Technology</i> , 2012, 10, 363-374.	0.7	5
14	Use of lytic phage to control <i>Salmonella typhi</i> 's viability after irradiation by pulsed UV light. <i>Annals of Microbiology</i> , 2012, 62, 107-111.	2.6	14
15	Mechanisms for the Inactivation of Bacteria and Viruses in Sawdust Used in Composting Toilet. <i>Journal of Water and Environment Technology</i> , 2011, 9, 53-66.	0.7	16
16	A fate model of pathogenic viruses in a composting toilet based on coliphage inactivation. <i>Journal of Environmental Sciences</i> , 2011, 23, 1194-1198.	6.1	12
17	FATE OF INDICATOR BACTERIA FOR PATHOGENIC VIRUSES IN COMPOSTING TOILET. <i>Doboku Gakkai Ronbunshuu G</i> , 2010, 66, 179-186.	0.1	4
18	Influence of water-related appliances on projected domestic water use in Tokyo. <i>Hydrological Research Letters</i> , 2009, 3, 22-26.	0.5	5

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19	Application of microbial risk assessment on a residentially-operated Bio-toilet. Journal of Water and Health, 2006, 4, 479-486.	2.6	16
20	Field survey of a sustainable sanitation system in a residential house. Journal of Environmental Sciences, 2006, 18, 1088-1093.	6.1	11