

Masahiro Otaki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11921827/publications.pdf>

Version: 2024-02-01

20
papers

158
citations

1040056

9
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

144
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Application of microbial risk assessment on a residentially-operated Bio-toilet. <i>Journal of Water and Health</i> , 2006, 4, 479-486. | 2.6 | 16 |
| 2 | 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 |
| 3 | Availability and public acceptability of residential rainwater use in Sri Lanka. <i>Journal of Cleaner Production</i> , 2019, 234, 467-476. | 9.3 | 16 |
| 4 | 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 |
| 5 | 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 |
| 6 | Field survey of a sustainable sanitation system in a residential house. <i>Journal of Environmental Sciences</i> , 2006, 18, 1088-1093. | 6.1 | 11 |
| 7 | 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 |
| 8 | Combined Methods for Quantifying End-Uses of Residential Indoor Water Consumption. <i>Environmental Processes</i> , 2017, 4, 33-47. | 3.5 | 10 |
| 9 | 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 |
| 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 | 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 |
| 12 | Influence of water-related appliances on projected domestic water use in Tokyo. <i>Hydrological Research Letters</i> , 2009, 3, 22-26. | 0.5 | 5 |
| 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 | FATE OF INDICATOR BACTERIA FOR PATHOGENIC VIRUSES IN COMPOSTING TOILET. <i>Doboku Gakkai Ronbunshuu G</i> , 2010, 66, 179-186. | 0.1 | 4 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Potential of efficient toilets in Hanoi, Vietnam. <i>Water Practice and Technology</i> , 2018, 13, 621-628. | 2.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | Fate of Pathogens in Composting Process. , 2019, , 61-77. | | 0 |