

Journal of Water and Health

A Journal of the International Water Association

volume 17 | issue 5 | October 2019

Contents

- 655 Do domestic animals contribute to bacterial contamination of infant transmission pathways?
Formative evidence from Ethiopia
Sophie Budge, Paul Hutchings, Alison Parker, Sean Tyrrel, Tizita Tulu, Mesfin Gizaw and Camila Garbutt
- 670 Enteric viruses in municipal wastewater effluent before and after disinfection with chlorine and ultraviolet light
Albert Simhon, Vince Pileggi, Cecily A. Flemming, José R. Bicudo, George Lai and Mano Manoharan
- 683 Effects of 2,2-dichloroacetamide (DCAcAm), an emerging disinfection by-product in drinking water, on the intestinal microbiota of adult zebrafish
Bin Xue, Chenyu Li, Shang Wang, Chen Zhao, Kun Dai, Wenhong Li, Zhuge Xi, Jingfeng Wang, Zhigang Qiu and Zhiqiang Shen
- 691 High serological response to *Cryptosporidium*-specific antigens in the Czech Republic and its association with water supply
Petr Pumann, František Kožíšek, Gunther F. Craun, Twila R. Kunde, Marek Malý, Floyd J. Frost and Lenka Čeřovská
- 701 Precipitation effects on parasite, indicator bacteria, and wastewater micropollutant loads from a water resource recovery facility influent and effluent
Samira Tolouei, Laurène Autixier, Milad Taghipour, Jean-Baptiste Burnet, Jane Bonsteel, Sung Vo Duy, Sébastien Sauvé, Michèle Prévost and Sarah Dörner
- 717 Genotyping determination of *Acanthamoeba* strains: an original study and a systematic review in Iran
Hadi Mirahmadi, Maryam Mansouri Nia, Adel Ebrahimzadeh, Ahmad Mehravaran, Reza Shafiei, Mohammad Taghi Rahimi, Reza Zolfaghari Enameh and Harlan R. Barker
- 728 Assessing lead-contaminated drinking water in a large academic institution: a case study
Justin P. Miller-Schulze, Catherine Ishikawa and Jeffery A. Foran
- 737 Faecal contamination of groundwater in rural Vanuatu: prevalence and predictors
Tim Foster, Juliet Willetts and Krishna Kumar Kotra



**World Health
Organization**

- 749 Spatial distribution of water quality in the Amazonian region: implications for drinking water treatment procedures
Julio Cesar Wasserman, Viviane Maia Damaceno, Gilson Brito Alves Lima and Maria Angélica Wasserman
- 762 Evaluation of genotoxicity and hematological effects in common carp (*Cyprinus carpio*) induced by disinfection by-products
Samina Perveen, Imran Hashmi and Romana Khan
- 777 Response and remediation actions following the detection of *Naegleria fowleri* in two treated drinking water distribution systems, Louisiana, 2013–2014
Jennifer R. Cope, Amy M. Kahler, Jake Causey, John G. Williams, Jennifer Kihlken, Caryn Benjamin, Amanda P. Ames, Johan Forsman, Yuanda Zhu, Jonathan S. Yoder, Chad J. Seidel and Vincent R. Hill
- 788 Rainwater catchments in rural Alaska have the potential to produce high-quality water and high quantities of water for household use
Kaitlin Mattos, Elizabeth King, Cara Lucas, Elizabeth Hodges Snyder, Aaron Dotson and Karl Linden
- 801 Estimated burden of disease from arsenic in drinking water supplied by domestic wells in the United States
Susan Lavinia Greco, Anna Belova, Jacqueline Haskell and Lorraine Backer
- 813 Occurrence and molecular characterisation of *Acanthamoeba* isolated from recreational hot springs in Malaysia: evidence of pathogenic potential
Rosnani Hanim Mohd Hussain, Ahmad Razali Ishak, Mohamed Kamel Abdul Ghani, Naveed Ahmed Khan, Ruqaiyyah Siddiqui and Tengku Shahrul Anuar
- 826 Harmful algal bloom and associated health risks among users of Lake Victoria freshwater: Ukerewe Island, Tanzania
Geoffrey J. Mchau, Edna Makule, Revocatus Machunda, Yun Yun Gong and Martin Kimanya
- 837 Molecular analysis of *Blastocystis* sp. and its subtypes from treated wastewater routinely used for irrigation of vegetable farmlands in Iran
Ehsan Javanmard, Hanieh Mohammad Rahimi, Maryam Niyati, Hamid Asadzadeh Aghdaei, Meysam Sharifdini, Hamed Mirjalali, Mohammad Reza Zali and Panagiotis Karanis