REVIEWS ON ENVIRONMENTAL HEALTH

EDITOR-IN-CHIEF

David O. Carpenter, New York Peter Sly, Queensland

EDITORIAL BOARD

Doug Brugge, Boston, MA
John Edwards, Lynton
William Field, Iowa City, IA
Carlos Garbisu, Biscay
Simon Hales, Wellington
Michael Horowitz, Jerusalem
Roderick Lawrence, Geneva
Howard Maibach, San Francisco, CA
Susan Shaw, Blue Hill, ME
Shu Tao, Beijing
Paul-Bernard Tchounwou, Jackson, MS

DE GRUYTER

ABSTRACTED/INDEXED IN AGRICOLA (National Agricultural Library) · Baidu Scholar · Cabell's Directory · Case · Celdes · Chemical Abstracts Service (CAS): CAplus; SciFinder · Clarivate Analytics: BIOSIS Previews; Current Contents/Clinical Medicine; Journal Citation Reports/Science Edition; Science Citation Index Expanded; Web of Science · CNKI Scholar (China National Knowledge Infrastructure) · CNPIEC · De Gruyter: IBR (International Bibliography of Reviews of Scholarly Literature in the Humanities and Social Sciences); IBZ (International Bibliography of Periodical Literature in the Humanities and Social Sciences) · EBSCO (relevant databases) · EBSCO Discovery Service · Elsevier: EMBASE; Reaxys; SCOPUS · Genamics JournalSeek · Google Scholar · J-Gate · JournalGuide · JournalTOCs · KESLI-NDSL (Korean National Discovery for Science Leaders) · Medline · Meta (formerly Sciencescape) · Naviga (Softweco) · Primo Central (ExLibris) · ProQuest (relevant databases) · Publons · PubMed · PubsHub · ReadCube · ResearchGate · SCImago (SJR) · Sherpa/RoMEO · Summon (Serials Solutions/ProQuest) · TDNet · Ulrich's Periodicals Directory/ulrichsweb · WanFang Data · WorldCat (OCLC)

The publisher, together with the authors and editors, has taken great pains to ensure that all information presented in this work (programs, applications, amounts, dosages, etc.) reflects the standard of knowledge at the time of publication. Despite careful manuscript preparation and proof correction, errors can nevertheless occur. Authors, editors and publisher disclaim all responsibility for any errors or omissions or liability for the results obtained from use of the information, or parts thereof, contained in this work.

The citation of registered names, trade names, trademarks, etc. in this work does not imply, even in the absence of a specific statement, that such names are exempt from laws and regulations protecting trademarks etc. and therefore free for general use.

ISSN 0048-7554 · e-ISSN 2191-0308

All information regarding notes for contributors, subscriptions, Open Access, back volumes and orders is available online at www.degruyter.com/reveh

RESPONSIBLE EDITOR(S)

Dr. David Carpenter, Director, Institute for Health and the Environment, University at Albany, Rensselaer, NY, USA, e-mail: dcarpenter@albany.edu Dr. Peter Sly, University of Queensland QCMRI, Royal Children's Hospital, Herston, Queensland, Australia, e-mail: p.sly@uq.edu.au

PUBLISHER Walter de Gruyter GmbH, Berlin/Boston, Genthiner Straße 13, 10785 Berlin, Germany

JOURNAL MANAGER Katharina Appelt, De Gruyter, Genthiner Str. 13, 10785 Berlin, Germany, Tel.: +49 (0)30 260 05-325, e-mail: reveh.editorial@degruyter.com

RESPONSIBLE FOR ADVERTISEMENTS Markus Kügel, De Gruyter, Rosenheimer Str. 143, 81671 München, Germany, Tel.: +49 89 76 902-424, e-mail: anzeigen@degruyter.com

© 2021 Walter de Gruyter GmbH, Berlin/Boston, Germany

TYPESETTING TNQ Technologies, Chennai, India

PRINTING Franz X. Stückle Druck und Verlag e.K., Ettenheim

Cover Illustration: iStockphoto/Thinkstock



Contents

Mini Reviews

Kok Pim Kua and Dr. Shaun Wen Huey Lee
Home environmental interventions for prevention of
respiratory tract infections: a systematic review and
meta-analysis — 297

Hatam Godini, Edris Hoseinzadeh and Hooshyar Hossini Water and wastewater as potential sources of SARS-CoV-2 transmission: a systematic review —— 309

Review Articles

Beniamino Palmieri, Veronica Corazzari, Maria Vadala', Annamaria Vallelunga, Julio César Morales-Medina and Tommaso Iannitti

The role of sensory and olfactory pathways in multiple chemical sensitivity —— 319

Obiora B. Ezeudu, Jonah C. Agunwamba, Uzochukwu C. Ugochukwu and Tochukwu S. Ezeudu

Temporal assessment of municipal solid waste management in Nigeria: prospects for circular economy adoption —— 327

Mehran Hesaraki, Majidreza Akbarizadeh, Sudabeh Ahmadidarrehsima, Mahdieh Poodineh Moghadam and Fatemeh Izadpanah

Knowledge, attitude, practice and clinical recommendations of health care workers towards COVID-19: a systematic review —— 345

Tahereh Farkhondeh, Kobra Naseri, Adeleh Esform, Hamed Aramjoo and Ali Naghizadeh

Drinking water heavy metal toxicity and chronic kidney diseases: a systematic review — 359

Samprit Padhiary, Dibyaranjan Samal, Pratima Khandayataray and Meesala Krishna Murthy A systematic review report on tobacco products and its health issues in India —— 367

Md Anzar Alam, Mohd Abdul Gani, G. Shama, Ghulamuddin Sofi and Mohd Aleemuddin Quamri

Possible role of Unani Pharmacology in COVID-19 – a
narrative review — 391

Zahra Khorrami, Tingting Ye, Ali Sadatmoosavi, Moghaddameh Mirzaee, Mohammad Mehdi Fadakar Davarani and Narges Khanjani The indicators and methods used for measuring urban

liveability: a scoping review — 397

Mahin Badakhsh, Majid Dastras, Zohreh Sarchahi, Mahboobe Doostkami, Adel Mir and Salehoddin Bouya Complementary and alternative medicine therapies and COVID-19: a systematic review — 443