

Water Quality Research Journal

A Journal of the International Water Association

volume 55 | issue 3 | August 2020

Contents

- 221 Chromium removal from water using modified organic materials: A review
Martha E. Jiménez-Castañeda and Pablo Emilio Escamilla-García
- 234 Towards developing a low-cost gravity-driven arsenic filtration system using iron oxide nanoparticle-loaded PU foam
Arundhati Pillai, M. Amin F. Zarandi, Faten B. Hussein, Krishna M. Pillai and Nidal H. Abu-Zahra
- 249 Advanced oxidation processes employment for the degradation of lamivudine: kinetic assessment, toxicity study and mathematical modeling
Adriane Rayssa Seguins Feliciano, Alex Leandro Andrade de Lucena, Rayany Magali da Rocha Santana, Léa Elias Mendes Carneiro Zaidan, Pollyanna Michelle da Silva, Thiago Henrique Napoleão, Marta Maria Menezes Bezerra Duarte and Daniella Carla Napoleão
- 261 Effects of sampling frequency on estimation accuracies of annual loadings for water quality parameters in different sized watersheds
Lin Gao, Junyu Qi, Sheng Li, Glenn Benoy, Zisheng Xing and Fan-Rui Meng
- 278 Land-use based modeling approach for determining freshwater nitrate loadings from small agricultural watersheds
Pierre Grizard, Kerry T. B. MacQuarrie and Yefang Jiang
- 295 Potential effects and impacts of a coal spill on sensitive aquatic habitat: a weight-of-evidence sediment quality assessment
J. Trowell, G. Gilron, K. Graf, L. Patterson, C. Chan, F. Perelló and S. Bard
- 310 A contact angle study of different greywater sources with hydrophobic membranes
Mohammad Ramezani-pour, Muttucumaru Sivakumar, Natalie Osborn, Ying Zhang and Hakim Kawa
- 327 Utility of a multi-tracer approach as a component of adaptive monitoring for municipal wastewater impacts
Rajiv N. Tanna, Michael C. Moncur, S. Jean Birks, John J. Gibson, Carol J. Ptacek, Bernhard Mayer, Michael E. Wieser, Fred J. Wrona and Kelly R. Munkittrick
- 342 Corrigendum: Water Quality Research Journal 54(4), 326–337: Manganese removal processes at 10 groundwater fed full-scale drinking water treatment plants
I. L. Breda, L. Ramsay, D. A. Søborg, R. Dimitrova and P. Roslev



