

Contents

- 1 **The effect of conventional water disinfection methods on nitrate level**
*Allahbakhsh Javid, Ali Akbar Roudbari, Ali Mashayekh-Salehi,
Maryam Ghanbarian and Marjan Ghanbarian*
- 14 **Artificial neural network modelling technique in predicting
Western Australian seasonal rainfall**
Iqbal Hossain, H.M. Rasel, Fatemeh Mekanik and Monzur Alam Imteaz
- 29 **Contact angle keying method for an integrated analytical approach
to characterising waters in the Lourdes area (Pyrenees, France)**
*Davide Rossi, Dariusz Dobrzyński, Isabella Moro, Marisa Dal Zotto,
Emanuela Moschin and Nicola Realdon*
- 69 **Water scarcity prediction for global region using machine learning**
Shubra Jain, Ankit Kumar Parida and Suresh Sankaranarayanan