

218 New innovative thermal system for improving the performance of HCPV cell and its application in solar desalination system	
<i>Essam M. Abo-Zahhad (Egypt), Shinichi Ookawara (Japan), Ali Radwan, A.H. El-Shazly, M.F. El-Kady (Egypt)</i>	209
219 Operational efficiency and benefits of using positive displacement pumps and isobaric energy recovery devices for SWRO	
<i>J. Lorenzo (Denmark)</i>	210
220 The application of composite GO/PAN membranes for removing surfactants from laundry wastewater	
<i>Beata Fryczkowska, Lucyna Przywara (Poland)</i>	211
221 Electrophoretic deposition of graphene oxide on copper pipe for corrosion prevention	
<i>Essam Eldin Mahmoud, A.H. Elshazly, M.F. Elkady, A.S. Hammad (Egypt)</i>	212
222 The fallacy of energy efficiency for desalination processes comparison	
<i>Muhammad Wakil Shahzad, Muhammad Burhan, Doskhan Ybyraimkul, Kim Choom Ng (Saudi Arabia)</i>	213
223 Evaluating desalination's sustainability under the ecosystems approach	
<i>Nikolaos Voulvoulis (UK)</i>	213
224 Multi-stage filtration in Iraqi drinking water plants	
<i>Jasim Mohammed Salman, Abed Jawad Kadhim (Iraq)</i>	214
225 Development of standard protocol for MFI-UF method to assess particulate fouling in RO systems	
<i>Mohanad Abunada, Nirajan Dhakal, Noreddine Ghaffour, Jan C. Schippers, Maria Kennedy (The Netherlands)</i>	214
226 Operating experience and process optimization to maintain the low energy consumption for a 15 MiGD SWRO plant in UAE	
<i>Larry Millar (USA)</i>	215
227 Thermodynamic characterisation of novel solutions for closed-loop reverse electrodialysis	
<i>F. Giacalone (UK, Italy), C. Olkis, G. Santori (UK), A. Cipollina (Italy), S. Brandani (UK), G. Micale (Italy)</i>	216
228 Experimental assessment of reverse electrodialysis in closed loop configuration fed by NH_4HCO_3-water solutions	
<i>F. Giacalone, F. Vassallo, F. Scargiali, A. Tamburini, A. Cipollina, G. Micale (Italy)</i>	217
229 Techno-economic evaluation of reverse electrodialysis process in different real environments	
<i>F. Giacalone (Italy), G. Kosmadakis (Germany), M. Papapetrou, A. Tamburini, A. Cipollina, G. Micale (Italy)</i>	218
230 Performance analysis of RED-MED heat engine with non-conventional solutions	
<i>B. Ortega-Delgado, F. Giacalone, A. Cipollina, A. Tamburini, G. Micale (Italy)</i>	218
231 Modeling and design of membrane process recovery of HCl and metals from pickling solutions	
<i>S. Randazzo, A. Culcasi, R. Gueccia, A. Cipollina, G. Micale (Italy)</i>	219
232 Experimental investigation and modelling for sulphuric acid recovery by diffusion dialysis	
<i>S. Randazzo, A. Ruiz Aguirre, J. Lopez Rodriguez, R. Gueccia, A. Cipollina, G. Micale (Italy)</i>	220
233 Modelling hybrid systems for seawater desalination: electromembrane processes (RED, ARED and ED) coupled with RO	
<i>Mariagiorgia La Cerva, Luigi Gurreri, Andrea Cipollina, Alessandro Tamburini, Michele Ciolfalo, Giorgio Micale (Italy)</i>	221
234 Problems associated with fluctuations in potable water quality — The Cyprus experience during the last 3 decades and the role of reverse osmosis desalination	
<i>Erineos Koutsakos, Aristos Loucaides, Louisa Christodoulou, Christie Stylianou (Cyprus)</i>	222
235 Renewable energy powered nanofiltration and reverse osmosis: experience with fluctuating energy	
<i>Andrea I. Schäfer, Bryce S. Richards (Germany)</i>	223
236 How to select the correct cartridge element to achieve the best membrane performance and lowest operating costs	
<i>O. Sallangos, C. Christodoulou, P. Plakotas (Cyprus)</i>	225