



Research for the adjustable performance of the thermal vapor compressor in the MED-TVC system Yong Yang, Shengqiang Shen, Shihe Zhou, Xingsen Mu and Kun Zhang (Dalian, China)	1725
Membrane fouling properties in a submerged membrane bioreactor for saline wastewater treatment at high ammonium content Ying An, Zhiwei Wang, Bin Li, Zhichao Wu and Yifan Zhang (Shanghai, China)	1735
Performances of PA hollow fiber membrane with the CTA flat sheet membrane for forward osmosis process T. Majeed, F. Lotfi, S. Phuntsho (Ultimo, Australia), Joon Khee Yoon, Kwonil Kim (Uiwang-Si, Korea) and Ho Kyong Shon (Ultimo, Australia)	1744
Closed circuit desalination series No-9: theoretical model assessment of the flexible BWRO-CCD technology for high recovery, low energy and reduced fouling applications A. Efraty (Har Adar, Israel)	1755
Closed circuit desalination series No-12: the use of 4, 5 and 6 element modules with the BWRO-CCD technology for high recovery, low energy and reduced fouling applications A. Efraty (Har Adar, Israel)	1780
Formation behavior and performance studies of novel antifouling EVAL/PEO-PPO-PEO blend membranes for oil/water separation Yuping Sun, Yunxiang Bai, Jin Gu and Chunfang Zhang (Wuxi, China)	1805
Performance evaluation of anaerobic fluidized bed reactors using brick beads and porous ceramics as support materials for treating terephthalic acid wastewater Yangyang Feng, Beibei Lu, Yu Jiang, Yinwen Chen and Shubao Shen (Nanjing, China)	1814
Separation efficiency and stability of thin-film composite nanofiltration membranes in long-term filtration of copper sulphate and sulphuric acid mixture Jie Sun, Lin Zhang, Boming Xie, Lihang Fan and Sanchuan Yu (Hangzhou, China)	1822
Quantitative and qualitative characteristics of condensate water of home air-conditioning system in Iran V. Alipour, A.H. Mahvi and L. Rezaei (Tehran, Iran)	1834
Water quality modeling for the water quality conservation of estuary reservoir in Korea Hyeongsik Kang (Seoul) and Jae-Ho Jang (Gyeonggi, Korea)	1840
Molecular weight distributions of effluent organic matters and the biodegradability assessment of a typical advanced drinking water treatment plant in South China Xiaowei Wang, Desheng Li, Beidou Xi, Xunfeng Xia, Lin Deng and Weiwei Ma (Beijing, China)	1855
Modeling of nitrification and denitrification in a novel PITSF-SEU process using an extension of ASM2d model R.N. Mohammed (Nanjing, China and Basra, Iraq) and L. Xiwu (Nanjing, China)	1862
The adsorption of chlorite and chlorate by calcium carbonate in a drinking water pipe network Yan Li, Tiefu Xu, Chongwei Cui and Yingxue Li (Harbin, China)	1881
Characteristics of residual metals from phosphorus removal in sewage treatment plants around Paldang lake, Korea Shin-Jo Kim, Tae-Jin Park, Se-Hun Kim and Hyung-Jae Yang (Yangpyong-gun, Korea)	1888
Simultaneous removal of Cr(VI) from water containing sulfate using nanofiltration B. Barikbin (Birjand), S.B. Mortazavi and G. Moussavi (Tehran, Iran)	1895
Preconcentration and determination of aluminum in water samples by inductively coupled plasma-atomic emission spectroscopy with brilliant green-based anion-exchange solid-phase extraction support H.A. Panahi, A. Feizbakhsh, S. Riyasati (Tehran, Iran), E. Moniri (Varamin, Iran), M.N. Nezhati (Tehran, Iran) and I.Y. Galaev (Delft, The Netherlands)	1902
Preparation of mercaptoacetyl chitosan and its removal performance of copper ion and turbidity Cuiling Zhang, Mingyue Zhang and Qing Chang (Lanzhou, China)	1909
Adsorption of uranium by low-cost adsorbent derived from agricultural wastes in multi-component system S.M. Yakout (Riyadh, Saudi Arabia and Cairo, Egypt) and M.A. Rizk (Cairo, Egypt)	1917

Application of response surface methodology to optimize degradation of polyacrylamide in aqueous solution using heterogeneous Fenton process Yue Sun, Qiyan Feng and Xiangdong Li (Xuzhou, China)	1923
Enhanced adsorptive removal of oxidation intermediate 1,4-benzoquinone using thermally treated activated carbon fibres Fazhan Li, Guoting Li, Bingtao Liu (Zhengzhou, China) and Xiwang Zhang (Clayton, Australia)	1933
Methyl Orange adsorption by reuse of a waste adsorbent poly(AAc/AM/SH)-MB superabsorbent hydrogel: matrix effects, adsorption thermodynamic and kinetics studies T. Singh and R. Singhal (Kanpur, India)	1942
Adsorption of dye crystal violet onto surface modified <i>Eichhornia crassipes</i> S. Kaur, S. Rani and R.K. Mahajan (Amritsar, India)	1957
Application of cross-linked porous chitosan films for Congo red adsorption from aqueous solution Tao Feng, Shuo Xiong and Fan Zhang (Wuhan, China)	1970
Exploring by-products generated by the anaerobic degradation process of synthetic wastewater containing indigo dye E. Khelifi, H. Gannoun, O. Ben Dhia Thabet, H. Bouallagui (Tunis, Tunisia), M.-L. Fardeau (Marseille, France), Y. Touhami (Tunis, Tunisia), B. Ollivier (Marseille, France) and M. Hamdi (Tunis, Tunisia).....	1977
Comprehensive evaluation of adsorption and degradation of tetracycline and oxytetracycline by nanoscale zero-valent iron Ö. Hanay and H. Türk (Elazig, Turkey)	1986
Preparation and characterization of Sn/Zn/TiO ₂ photocatalyst for enhanced amoxicillin trihydrate degradation R. Mohammadi, B. Massoumi and H. Eskandarloo (Tehran, Iran)	1995
Characteristics of pyridine biodegradation by a novel bacterial strain, <i>Rhizobium</i> sp. NJUST18 Jinyou Shen, Xin Zhang, Dan Chen, Xiaodong Liu and Lianjun Wang (Nanjing, China)	2005
Author Index	2014