

Environmental Science Water Research & Technology

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IN THIS ISSUE

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Cover

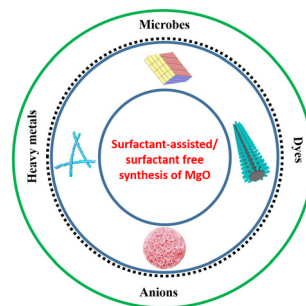
See Andy Y. Hur et al.,
pp. 603–613.
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Technol.*, 2024, 10, 603.

CRITICAL REVIEW

577

Research progress in synthesis strategies of magnesium oxide nanoparticles for water treatment application

Saeed Ahmed* and Ashutosh Kumar

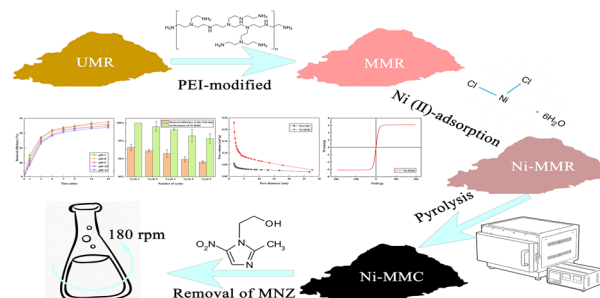


PAPERS

588

Preparation of a microbial char adsorbent from polyethyleneimine-modified and nickel-loaded microorganisms for efficient removal of metronidazole

Tao Hu, Junwu Liu, Yingchun Fang, Ningning Feng, Guozhen Wang, Jiaxin Tong, Kuan Lu, Quan Yang, Wangrui Ma, Haiyan Wu* and Jianping Xie*





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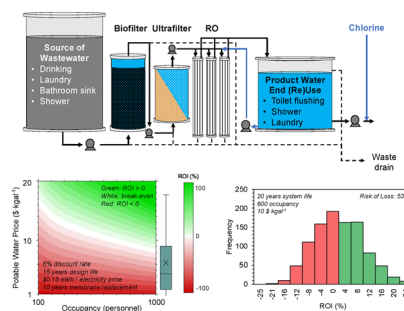
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603

Financial analysis of decentralized water reuse systems in mission critical facilities at U.S. Army installations

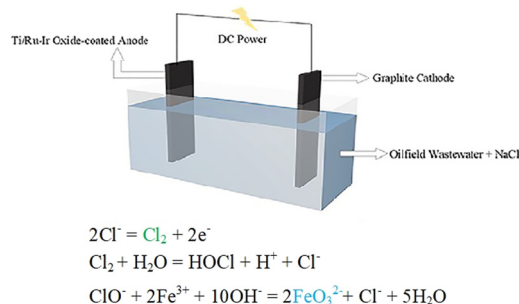
Andy Y. Hur,* Martin A. Page, Jeremy S. Guest and Christine M. Ploschke



614

Treatment of oilfield wastewater and synthesis of Na_2FeO_3 in a chloride ion anode oxidation system

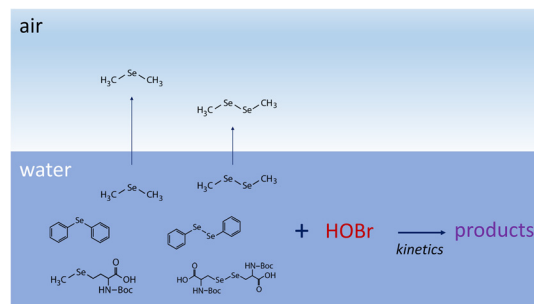
Haoda Guo, Yifei Wang and Naidong Zhang*



620

Reactions of hypobromous acid with dimethyl selenide, dimethyl diselenide and other organic selenium compounds: kinetics and product formation

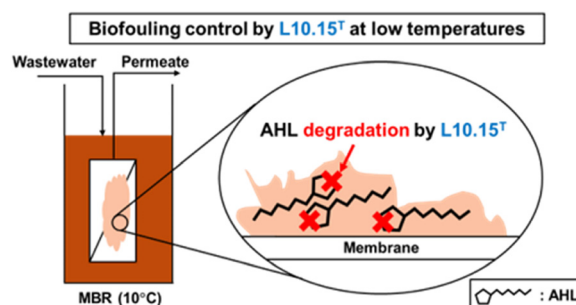
Emanuel Müller, Urs von Gunten, Julie Tolu, Sylvain Bouchet and Lenny H. E. Winkel*

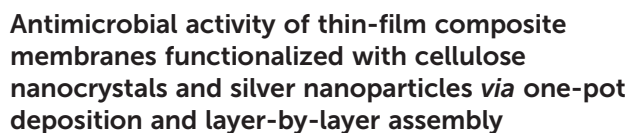


631

Application of psychrotolerant quorum quenching *Planococcus versutus* sp. L10.15^T to membrane bioreactors for biofouling control at low temperatures

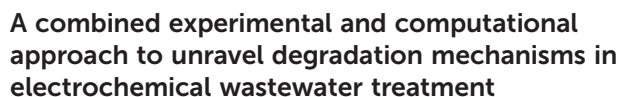
Sojin Min, Hosung Lee, Joowan Lim, Sang Hyun Lee, Seungjin Lee, Kwang-Ho Choo, Chung-Hak Lee and Pyung-Kyu Park*





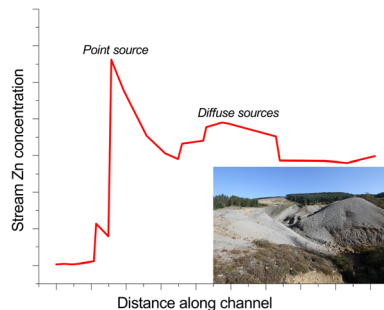
Jennifer C. Jackson, Camilla H. M. Camargos,
Caihong Liu, Diego S. T. Martinez, Amauri J. Paula,
Camila A. Rezende and Andreia F. Faria*

652



Sara Feijoo, Simona Baluchová, Mohammadreza Kamali,
Josephus G. Buijnsters and Raf Dewil*

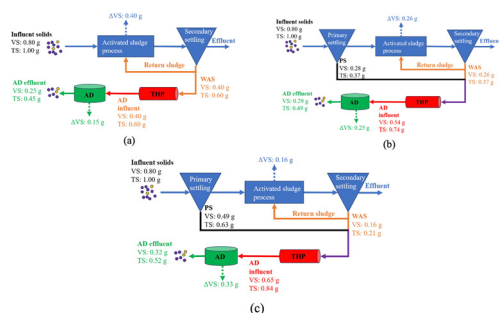
668



Identification and quantification of diffuse groundwater pollution in a mineralised watershed

Aaron M. L. Todd,* Iain Robertson, Patrick Byrne,
Rory P. D. Walsh, Tom Williams and Paul Edwards

677



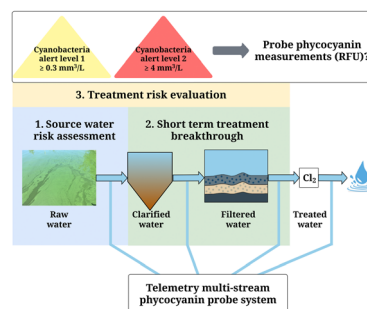
Effects of carbon diversion to primary sludge production on thermal hydrolysis pretreatment-enhanced anaerobic digestion

Hao Luo, Xueyao Zhang, Caroline Nguyen,
Malcolm Taylor and Zhi-Wu Wang*

688

Evidence-based framework to use *in situ* phycocyanin readings for cyanobacterial risk assessment within drinking water treatment plants

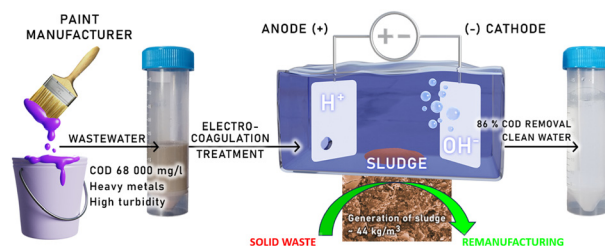
Liya Ma,* Sarah Dorner and Michèle Prévost



702

Sustainable remediation of paint factory wastewater using electrocoagulation

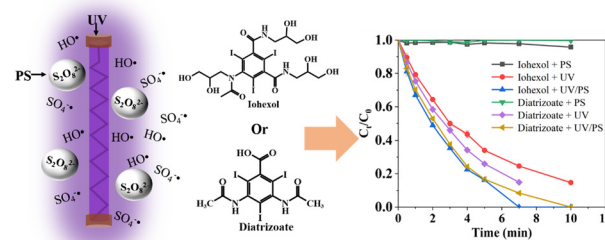
Gabriel Horváth,* Zsolt Szalay, František Šimo, Barbora Vidová, Patrik Hlavanda, Agneša Szarka, Svetlana Hrouzková, Stanislava Debnárová, František Zažimal and Tomáš Homola



718

A comparative study on the degradation of iohexol and diatrizoate during UV/persulfate process: kinetics, degradation pathways and iodinated disinfection by-products

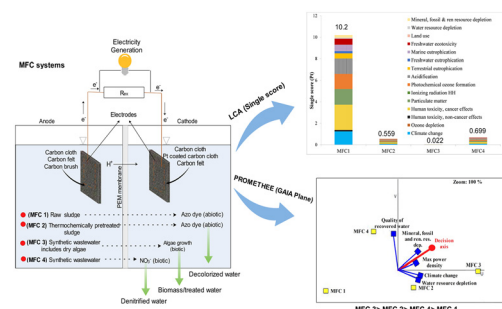
Chen-Yan Hu, Ling Xu, Yi-Li Lin* and Cong Li

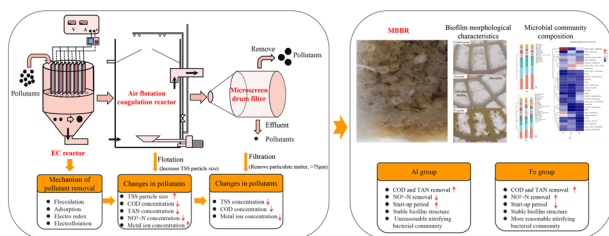


729

Evaluation of environmental performance and selection of the most suitable system for MFCs with different electron acceptors by life cycle assessment and PROMETHEE approach

Simge Çankaya,* Elif Durna Pişkin and Nevim Genç





Effects of an electrocoagulation–air flotation–microfiltration pretreatment process on the start-up of a moving bed biofilm reactor: performance and microbial community structure

Jianping Xu, Yishuai Du, Jiawei Zhang, Hexiang Wang, Guogen Su, Li Zhou, Tianlong Qiu* and Jianming Sun

