

## Personal Information

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## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Biotransformation of the Fluorinated Nonsteroidal Anti-Inflammatory Pharmaceutical Flurbiprofen in Activated Sludge Results in Accumulation of a Recalcitrant Fluorinated Aromatic Metabolite**  
Yanac K., MURDOCH R. W.  
GLOBAL CHALLENGES, vol.3, no.6, 2019 (SCI-Expanded)
- II. **Change of microbial community composition in anaerobic digesters during the degradation of nonylphenol diethoxylate**  
Murdoch F. K., Murdoch R. W., Gurakan C., Sanin F. D.  
INTERNATIONAL BIODETERIORATION & BIODEGRADATION, vol.135, pp.1-8, 2018 (SCI-Expanded)
- III. **The biotransformation of ibuprofen to trihydroxyibuprofen in activated sludge and by Variovorax Ibu-1**  
Murdoch R. W., Hay A. G.  
BIODEGRADATION, vol.26, no.2, pp.105-113, 2015 (SCI-Expanded)
- IV. **Diversity and community analysis of ammonia oxidizing bacteria in a streambed surrounding an artificial dam**  
Murdoch R. W., Staniec A. C.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.127, pp.237-243, 2013 (SCI-Expanded)

## Supported Projects

MURDOCH R. W., Project Supported by Higher Education Institutions, Detection and Enumeration of Salmonella in Biosolids by Loop-Mediated Isothermal Amplification, 2015 - 2015

MURDOCH R. W., Project Supported by Higher Education Institutions, Biodegradation of the fluorinated non-steroidal anti-inflammatory pharmaceutical Flurbiprofen by environmental bacterial isolates, 2013 - 2015

## Metrics

Publication: 4

Citation (WoS): 50

Citation (Scopus): 37

H-Index (WoS): 3

H-Index (Scopus): 3