

Adrin Jan-Gil

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4080584/adrian-jaen-gil-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

320
citations

10
h-index

14
g-index

14
ext. papers

400
ext. citations

10.3
avg, IF

3.95
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 14 | Performance of a microalgal photobioreactor treating toilet wastewater: Pharmaceutically active compound removal and biomass harvesting. <i>Science of the Total Environment</i> , 2017 , 592, 1-11 | 10.2 | 103 |
| 13 | Fungal treatment of metoprolol and its recalcitrant metabolite metoprolol acid in hospital wastewater: Biotransformation, sorption and ecotoxicological impact. <i>Water Research</i> , 2019 , 152, 171-180 | 12.5 | 33 |
| 12 | An automated on-line turbulent flow liquid-chromatography technology coupled to a high resolution mass spectrometer LTQ-Orbitrap for suspect screening of antibiotic transformation products during microalgae wastewater treatment. <i>Journal of Chromatography A</i> , 2018 , 1568, 57-68 | 4.5 | 25 |
| 11 | Extended suspect screening to identify contaminants of emerging concern in riverine and coastal ecosystems and assessment of environmental risks. <i>Journal of Hazardous Materials</i> , 2021 , 404, 124102 | 12.8 | 25 |
| 10 | Characterization of organic matter by HRMS in surface waters: Effects of chlorination on molecular fingerprints and correlation with DBP formation potential. <i>Water Research</i> , 2020 , 176, 115743 | 12.5 | 24 |
| 9 | Orbitrap molecular fingerprint of dissolved organic matter in natural waters and its relationship with NDMA formation potential. <i>Science of the Total Environment</i> , 2019 , 670, 1019-1027 | 10.2 | 23 |
| 8 | Metoprolol and metoprolol acid degradation in UV/HO treated wastewaters: An integrated screening approach for the identification of hazardous transformation products. <i>Journal of Hazardous Materials</i> , 2019 , 380, 120851 | 12.8 | 23 |
| 7 | Combining biological processes with UV/H ₂ O ₂ for metoprolol and metoprolol acid removal in hospital wastewater. <i>Chemical Engineering Journal</i> , 2021 , 404, 126482 | 14.7 | 17 |
| 6 | Insights on the metabolization of the antidepressant venlafaxine by meagre (<i>Argyrosomus regius</i>) using a combined target and suspect screening approach. <i>Science of the Total Environment</i> , 2020 , 737, 140226 | 10.2 | 11 |
| 5 | Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylvenlafaxine in water. <i>Environmental Pollution</i> , 2019 , 246, 346-356 | 9.3 | 11 |
| 4 | Prospects on coupling UV/HO with activated sludge or a fungal treatment for the removal of pharmaceutically active compounds in real hospital wastewater. <i>Science of the Total Environment</i> , 2021 , 773, 145374 | 10.2 | 9 |
| 3 | Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. <i>Environmental Science & Technology</i> , 2020 , 54, 9062-9073 | 10.3 | 7 |
| 2 | Sustainable microalgae-based technology for biotransformation of benzalkonium chloride in oil and gas produced water: A laboratory-scale study. <i>Science of the Total Environment</i> , 2020 , 748, 141526 | 10.2 | 6 |
| 1 | Insights into removal of antibiotics by selected microalgae (<i>Chlamydomonas reinhardtii</i> , <i>Chlorella sorokiniana</i> , <i>Dunaliella tertiolecta</i> and <i>Pseudokirchneriella subcapitata</i>). <i>Algal Research</i> , 2021 , 61, 102560 | 5 | 3 |