# AdriÃ¡n JaÃ©n-Gil

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 14 papers | 515 citations | 758635 12 h-index | 1058022 14 g-index |
| 14 all docs | 14 docs citations | 14 times ranked | 820 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Performance of a microalgal photobioreactor treating toilet wastewater: Pharmaceutically active compound removal and biomass harvesting. Science of the Total Environment, 2017, 592, 1-11. | 3.9 | 143 |
| 2 | Fungal treatment of metoprolol and its recalcitrant metabolite metoprolol acid in hospital wastewater: Biotransformation, sorption and ecotoxicological impact. Water Research, 2019, 152, 171-180. | 5.3 | 52 |
| 3 | Characterization of organic matter by HRMS in surface waters: Effects of chlorination on molecular fingerprints and correlation with DBP formation potential. Water Research, 2020, 176, 115743. | 5.3 | 44 |
| 4 | Extended suspect screening to identify contaminants of emerging concern in riverine and coastal ecosystems and assessment of environmental risks. Journal of Hazardous Materials, 2021, 404, 124102. | 6.5 | 44 |
| 5 | Metoprolol and metoprolol acid degradation in UV/H2O2 treated wastewaters: An integrated screening approach for the identification of hazardous transformation products. Journal of Hazardous Materials, 2019, 380, 120851. | 6.5 | 32 |
| 6 | Orbitrap molecular fingerprint of dissolved organic matter in natural waters and its relationship with NDMA formation potential. Science of the Total Environment, 2019, 670, 1019-1027. | 3.9 | 32 |
| 7 | Combining biological processes with UV/H2O2 for metoprolol and metoprolol acid removal in hospital wastewater. Chemical Engineering Journal, 2021, 404, 126482. | 6.6 | 32 |
| 8 | Prospects on coupling UV/H2O2 with activated sludge or a fungal treatment for the removal of pharmaceutically active compounds in real hospital wastewater. Science of the Total Environment, 2021, 773, 145374. | 3.9 | 29 |
| 9 | 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. Journal of Chromatography A, 2018, 1568, 57-68. | 1.8 | 27 |
| 10 | Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. Environmental Science & Technology, 2020, 54, 9062-9073. | 4.6 | 20 |
| 11 | Insights into removal of antibiotics by selected microalgae (Chlamydomonas reinhardtii, Chlorella) Tj ETQq1 1 0.784314 rgBT /Overlock 102560. | 2.4 | 19 |
| 12 | Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylvenlafaxine in water. Environmental Pollution, 2019, 246, 346-356. | 3.7 | 18 |
| 13 | Insights on the metabolization of the antidepressant venlafaxine by meagre (Argyrosomus regius) using a combined target and suspect screening approach. Science of the Total Environment, 2020, 737, 140226. | 3.9 | 13 |
| 14 | Sustainable microalgae-based technology for biotransformation of benzalkonium chloride in oil and gas produced water: A laboratory-scale study. Science of the Total Environment, 2020, 748, 141526. | 3.9 | 10 |