Maricor J Arlos

List of Publications by Year
in descending order

21 papers	536 citations	687363 13 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	860 citing authors

#	Article	IF	Citations
1	Systematic Underestimation of Pesticide Burden for Invertebrates under Field Conditions: Comparing the Influence of Dietary Uptake and Aquatic Exposure Dynamics. ACS Environmental Au, 2022, 2, 166-175.	7.0	10
2	Photodecomposition of pharmaceuticals and personal care products using P25 modified with Ag nanoparticles in the presence of natural organic matter. Science of the Total Environment, 2021, 752, 142000.	8.0	18
3	Degradation of natural organic matter using Ag-P25 photocatalyst under continuous and periodic irradiation of 405 and 365Ânm UV-LEDs. Journal of Environmental Chemical Engineering, 2021, 9, 104844.	6.7	16
4	Effect of Background Water Matrices on Pharmaceutical and Personal Care Product Removal by UV-LED/TiO2. Catalysts, 2021, 11, 576.	3.5	5
5	Improving Risk Assessment by Predicting the Survival of Field Gammarids Exposed to Dynamic Pesticide Mixtures. Environmental Science & Technology, 2020, 54, 12383-12392.	10.0	9
6	Improved biodegradation of pharmaceuticals after mild photocatalytic pretreatment. Water and Environment Journal, 2020, 34, 704-714.	2.2	4
7	Coupling River Concentration Simulations with a Toxicokinetic Model Effectively Predicts the Internal Concentrations of Wastewater-Derived Micropollutants in Field Gammarids. Environmental Science & Technology, 2020, 54, 1710-1719.	10.0	6
8	Photocatalytic degradation using TiO2-graphene nanocomposite under UV-LED illumination: Optimization using response surface methodology. Journal of Environmental Chemical Engineering, 2019, 7, 103366.	6.7	18
9	Utilizing UV-LED pulse width modulation on TiO2 advanced oxidation processes to enhance the decomposition efficiency of pharmaceutical micropollutants. Chemical Engineering Journal, 2019, 361, 439-449.	12.7	50
10	Multi-year prediction of estrogenicity in municipal wastewater effluents. Science of the Total Environment, 2018, 610-611, 1103-1112.	8.0	24
11	Modeling the exposure of wild fish to endocrine active chemicals: Potential linkages of total estrogenicity to field-observed intersex. Water Research, 2018, 139, 187-197.	11.3	30
12	Reduction of Intersex in a Wild Fish Population in Response to Major Municipal Wastewater Treatment Plant Upgrades. Environmental Science & Technology, 2017, 51, 1811-1819.	10.0	54
13	Photocatalytic degradation using one-dimensional TiO 2 and Ag-TiO 2 nanobelts under UV-LED controlled periodic illumination. Journal of Environmental Chemical Engineering, 2017, 5, 4365-4373.	6.7	12
14	Influence of methanol when used as a water-miscible carrier of pharmaceuticals in TiO 2 photocatalytic degradation experiments. Journal of Environmental Chemical Engineering, 2017, 5, 4497-4504.	6.7	19
15	Concurrent photocatalytic and filtration processes using doped TiO2 coated quartz fiber membranes in a photocatalytic membrane reactor. Chemical Engineering Journal, 2017, 330, 531-540.	12.7	53
16	Photocatalytic decomposition of organic micropollutants using immobilized TiO2 having different isoelectric points. Water Research, 2016, 101, 351-361.	11.3	63
17	Photocatalytic decomposition of selected estrogens and their estrogenic activity by UV-LED irradiated TiO2 immobilized on porous titanium sheets via thermal-chemical oxidation. Journal of Hazardous Materials, 2016, 318, 541-550.	12.4	50
18	TiO₂membranes for concurrent photocatalytic organic degradation and corrosion protection. Proceedings of SPIE, 2015, , .	0.8	1

#	Article	IF	Citations
19	Distribution of selected antiandrogens and pharmaceuticals in a highly impacted watershed. Water Research, 2015, 72, 40-50.	11.3	61
20	TiO<inf>2</inf> nanowires membranes for the use in photocatalytic filtration processes. , 2014, , .		0
21	Simulation of the fate of selected pharmaceuticals and personal care products in a highly impacted reach of a Canadian watershed. Science of the Total Environment, 2014, 485-486, 193-204.	8.0	33