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	Photocatalytic decomposition of organic micropollutants using immobilized TiO2 having different isoelectric points. Water Research, 2016, 101, 351-361.	11.3	63
2	Distribution of selected antiandrogens and pharmaceuticals in a highly impacted watershed. Water Research, 2015, 72, 40-50.	11.3	61
3	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
4	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
5	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
6	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
7	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
8	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
9	Multi-year prediction of estrogenicity in municipal wastewater effluents. Science of the Total Environment, 2018, 610-611, 1103-1112.	8.0	24
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	Effect of Background Water Matrices on Pharmaceutical and Personal Care Product Removal by UV-LED/TiO2. Catalysts, 2021, 11, 576.	3.5	5

#	Article	IF	Citations
19	Improved biodegradation of pharmaceuticals after mild photocatalytic pretreatment. Water and Environment Journal, 2020, 34, 704-714.	2.2	4
20	TiO₂membranes for concurrent photocatalytic organic degradation and corrosion protection. Proceedings of SPIE, 2015, , .	0.8	1
21	TiO<inf>2</inf> nanowires membranes for the use in photocatalytic filtration processes. , 2014, , .		0