

Carla Patricia Silva

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,130
citations

361045

20
h-index

414034

32
g-index

32
all docs

32
docs citations

32
times ranked

1663
citing authors

#	ARTICLE	IF	CITATIONS
1	Processes for the elimination of estrogenic steroid hormones from water: A review. <i>Environmental Pollution</i> , 2012, 165, 38-58.	3.7	265
2	Waste-based alternative adsorbents for the remediation of pharmaceutical contaminated waters: Has a step forward already been taken?. <i>Bioresource Technology</i> , 2018, 250, 888-901.	4.8	67
3	Photodegradation of sulfamethoxazole in environmental samples: The role of pH, organic matter and salinity. <i>Science of the Total Environment</i> , 2019, 648, 1403-1410.	3.9	60
4	Sludge from paper mill effluent treatment as raw material to produce carbon adsorbents: An alternative waste management strategy. <i>Journal of Environmental Management</i> , 2017, 188, 203-211.	3.8	55
5	Development of ELISA methodologies for the direct determination of 17 β -estradiol and 17 α -ethinylestradiol in complex aqueous matrices. <i>Journal of Environmental Management</i> , 2013, 124, 121-127.	3.8	52
6	Low cost methodology for estrogens monitoring in water samples using dispersive liquid-liquid microextraction and HPLC with fluorescence detection. <i>Talanta</i> , 2013, 115, 980-985.	2.9	49
7	Production of highly efficient activated carbons from industrial wastes for the removal of pharmaceuticals from water—A full factorial design. <i>Journal of Hazardous Materials</i> , 2019, 370, 212-218.	6.5	48
8	Single and multi-component adsorption of psychiatric pharmaceuticals onto alternative and commercial carbons. <i>Journal of Environmental Management</i> , 2017, 192, 15-24.	3.8	45
9	Adsorption of pharmaceuticals from biologically treated municipal wastewater using paper mill sludge-based activated carbon. <i>Environmental Science and Pollution Research</i> , 2019, 26, 13173-13184.	2.7	43
10	Obtaining granular activated carbon from paper mill sludge – A challenge for application in the removal of pharmaceuticals from wastewater. <i>Science of the Total Environment</i> , 2019, 653, 393-400.	3.9	43
11	Biochar-TiO ₂ magnetic nanocomposites for photocatalytic solar-driven removal of antibiotics from aquaculture effluents. <i>Journal of Environmental Management</i> , 2021, 294, 112937.	3.8	37
12	Effect of natural aquatic humic substances on the photodegradation of estrone. <i>Chemosphere</i> , 2016, 145, 249-255.	4.2	31
13	Effect of the surface functionalization of a waste-derived activated carbon on pharmaceuticals' adsorption from water. <i>Journal of Molecular Liquids</i> , 2020, 299, 112098.	2.3	28
14	Photosensitized Degradation of 17 β -estradiol and 17 α -ethinylestradiol: Role of Humic Substances Fractions. <i>Journal of Environmental Quality</i> , 2016, 45, 693-700.	1.0	26
15	Evaluation of the anthropogenic input of caffeine in surface waters of the north and center of Portugal by ELISA. <i>Science of the Total Environment</i> , 2014, 479-480, 227-232.	3.9	24
16	Application of dispersive liquid-liquid microextraction for estrogens ³ quantification by enzyme-linked immunosorbent assay. <i>Talanta</i> , 2014, 125, 102-106.	2.9	23
17	Photodegradation behaviour of estriol: An insight on natural aquatic organic matter influence. <i>Chemosphere</i> , 2016, 159, 545-551.	4.2	23
18	Antibiotics in Aquaculture Wastewater: Is It Feasible to Use a Photodegradation-Based Treatment for Their Removal?. <i>Toxics</i> , 2021, 9, 194.	1.6	23

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19	Fixed-bed performance of a waste-derived granular activated carbon for the removal of micropollutants from municipal wastewater. <i>Science of the Total Environment</i> , 2019, 683, 699-708.	3.9	22
20	Structural considerations on the selectivity of an immunoassay for sulfamethoxazole. <i>Talanta</i> , 2016, 158, 198-207.	2.9	21
21	Photodegradation of sulfadiazine in different aquatic environments – Evaluation of influencing factors. <i>Environmental Research</i> , 2020, 188, 109730.	3.7	21
22	Dispersive liquid-liquid microextraction for the quantification of venlafaxine in environmental waters. <i>Journal of Environmental Management</i> , 2018, 217, 71-77.	3.8	20
23	Glassy carbon electrodes coated with poly(allylamine hydrochloride), PAH: Characterization studies and application to ion-exchange voltammetry of trace lead(II) at combined PAH/mercury film electrodes. <i>Electrochimica Acta</i> , 2006, 52, 1182-1190.	2.6	18
24	Development of an ELISA procedure to study sorption of atrazine onto a sewage sludge-amended luvisol soil. <i>Talanta</i> , 2011, 85, 1494-1499.	2.9	18
25	Evaluation of poly(sodium 4-styrenesulfonate) film coating in thin mercury film electrodes for lead determination. <i>Journal of Electroanalytical Chemistry</i> , 2009, 626, 192-196.	1.9	13
26	Oxolinic acid in aquaculture waters: Can natural attenuation through photodegradation decrease its concentration?. <i>Science of the Total Environment</i> , 2020, 749, 141661.	3.9	11
27	Comparison between MEKC and UV spectral deconvolution to follow sorption experiment in soil. <i>Talanta</i> , 2010, 81, 1489-1493.	2.9	10
28	Sulfadiazine's photodegradation using a novel magnetic and reusable carbon based photocatalyst: Photocatalytic efficiency and toxic impacts to marine bivalves. <i>Journal of Environmental Management</i> , 2022, 313, 115030.	3.8	10
29	ELISA as an effective tool to determine spatial and seasonal occurrence of emerging contaminants in the aquatic environment. <i>Analytical Methods</i> , 2020, 12, 2517-2526.	1.3	8
30	Photodegradation of Aquaculture Antibiotics Using Carbon Dots-TiO ₂ Nanocomposites. <i>Toxics</i> , 2021, 9, 330.	1.6	8
31	Sulfamethoxazole exposure to simulated solar radiation under continuous flow mode: Degradation and antibacterial activity. <i>Chemosphere</i> , 2020, 238, 124613.	4.2	7
32	Bleeding Evaluation of Different SPE Cartridges on Clean-Up of Atrazine From Aqueous Samples Containing Organic Matter. <i>Chromatographia</i> , 2011, 74, 725-729.	0.7	1