

Vera Homem

List of Publications by Citations

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

50
papers

2,074
citations

19
h-index

45
g-index

55
ext. papers

2,481
ext. citations

6.9
avg, IF

5.45
L-index

#	Paper	IF	Citations
50	Degradation and removal methods of antibiotics from aqueous matrices--a review. <i>Journal of Environmental Management</i> , 2011 , 92, 2304-47	7.9	877
49	Advances in analytical methods and occurrence of organic UV-filters in the environment--A review. <i>Science of the Total Environment</i> , 2015 , 526, 278-311	10.2	185
48	A review of organic UV-filters in wastewater treatment plants. <i>Environment International</i> , 2016 , 86, 24-44	2.9	149
47	Amoxicillin degradation at ppb levels by Fenton's oxidation using design of experiments. <i>Science of the Total Environment</i> , 2010 , 408, 6272-80	10.2	91
46	Long lasting perfume--a review of synthetic musks in WWTPs. <i>Journal of Environmental Management</i> , 2015 , 149, 168-92	7.9	66
45	Microwave-assisted Fenton's oxidation of amoxicillin. <i>Chemical Engineering Journal</i> , 2013 , 220, 35-44	14.7	59
44	From the shop to the drain - Volatile methylsiloxanes in cosmetics and personal care products. <i>Environment International</i> , 2016 , 92-93, 50-62	12.9	49
43	Ultrasound-assisted dispersive liquid-liquid microextraction for the determination of synthetic musk fragrances in aqueous matrices by gas chromatography-mass spectrometry. <i>Talanta</i> , 2016 , 148, 84-93	6.2	40
42	Spatial and seasonal occurrence of micropollutants in four Portuguese rivers and a case study for fluorescence excitation-emission matrices. <i>Science of the Total Environment</i> , 2018 , 644, 1128-1140	10.2	39
41	Insights on sulfamethoxazole bio-transformation by environmental Proteobacteria isolates. <i>Journal of Hazardous Materials</i> , 2018 , 358, 310-318	12.8	34
40	Amoxicillin removal from aqueous matrices by sorption with almond shell ashes. <i>International Journal of Environmental Analytical Chemistry</i> , 2010 , 90, 1063-1084	1.8	34
39	Volatile methylsiloxanes through wastewater treatment plants - A review of levels and implications. <i>Environment International</i> , 2017 , 102, 9-29	12.9	32
38	Solar photocatalytic oxidation of recalcitrant natural metabolic by-products of amoxicillin biodegradation. <i>Water Research</i> , 2014 , 65, 307-20	12.5	28
37	Biomonitoring of pesticides by pine needles--chemical scoring, risk of exposure, levels and trends. <i>Science of the Total Environment</i> , 2014 , 476-477, 114-24	10.2	26
36	Biomonitoring levels and trends of PAHs and synthetic musks associated with land use in urban environments. <i>Science of the Total Environment</i> , 2018 , 618, 93-100	10.2	25
35	An analytical multi-residue approach for the determination of semi-volatile organic pollutants in pine needles. <i>Analytica Chimica Acta</i> , 2015 , 858, 24-31	6.6	24
34	New analytical method for the determination of musks in personal care products by Quick, Easy, Cheap, Effective, Rugged, and Safe extraction followed by GC-MS. <i>Journal of Separation Science</i> , 2013 , 36, 2176-84	3.4	23

33	Development and optimization of a solid-phase microextraction gas chromatography-tandem mass spectrometry methodology to analyse ultraviolet filters in beach sand. <i>Journal of Chromatography A</i> , 2018 , 1564, 59-68	4.5	22
32	Optimisation and application of dispersive liquid-liquid microextraction for simultaneous determination of carbamates and organophosphorus pesticides in waters. <i>Analytical Methods</i> , 2013 , 5, 2736	3.2	19
31	Simultaneous determination of synthetic musks and UV-filters in water matrices by dispersive liquid-liquid microextraction followed by gas chromatography tandem mass-spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1590, 47-57	4.5	18
30	Assessing seasonal variation of synthetic musks in beach sands from Oporto coastal area: A case study. <i>Environmental Pollution</i> , 2017 , 226, 190-197	9.3	17
29	Using air, soil and vegetation to assess the environmental behaviour of siloxanes. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 3273-84	5.1	16
28	Comparison of Techniques and Solvents on the Antimicrobial and Antioxidant Potential of Extracts from and. <i>Antibiotics</i> , 2020 , 9,	4.9	15
27	Determination of multiclass personal care products in continental waters by solid-phase microextraction followed by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1607, 460398	4.5	15
26	Development and Validation of a Fast Procedure To Analyze Amoxicillin in River Waters by Direct-Injection LCMS/MS. <i>Journal of Chemical Education</i> , 2014 , 91, 1961-1965	2.4	15
25	Development and optimization of a QuEChERS-GC-MS/MS methodology to analyse ultraviolet-filters and synthetic musks in sewage sludge. <i>Science of the Total Environment</i> , 2019 , 651, 2606-2614	10.2	15
24	Can coastline plant species be used as biosamplers of emerging contaminants? - UV-filters and synthetic musks as case studies. <i>Chemosphere</i> , 2017 , 184, 1134-1140	8.4	14
23	An approach to the environmental prioritisation of volatile methylsiloxanes in several matrices. <i>Science of the Total Environment</i> , 2017 , 579, 506-513	10.2	14
22	Scented traces--Dermal exposure of synthetic musk fragrances in personal care products and environmental input assessment. <i>Chemosphere</i> , 2015 , 139, 276-87	8.4	13
21	Preliminary feasibility study of benzo(a)pyrene oxidative degradation by Fenton treatment. <i>Journal of Environmental and Public Health</i> , 2009 , 2009, 149034	2.6	13
20	Volatile methylsiloxanes in personal care products - Using QuEChERS as a "green" analytical approach. <i>Talanta</i> , 2016 , 155, 94-100	6.2	13
19	Solvent-saving approaches for the extraction of siloxanes from pine needles, soils and passive air samplers. <i>Analytical Methods</i> , 2016 , 8, 5378-5387	3.2	10
18	Footprints in the sand - Assessing the seasonal trends of volatile methylsiloxanes and UV-filters. <i>Marine Pollution Bulletin</i> , 2019 , 140, 9-16	6.7	9
17	Prioritisation approach to score and rank synthetic musk compounds for environmental risk assessment. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 1619-1630	3.5	8
16	Analytical methodology to screen UV-filters and synthetic musk compounds in market tomatoes. <i>Chemosphere</i> , 2020 , 238, 124605	8.4	8

15	Headspace solid-phase microextraction based on the metal-organic framework CIM-80(Al) coating to determine volatile methylsiloxanes and musk fragrances in water samples using gas chromatography and mass spectrometry. <i>Talanta</i> , 2021 , 232, 122440	6.2	7
14	Estimation of urban POP and emerging SVOC levels employing <i>Ligustrum lucidum</i> leaves. <i>Atmospheric Pollution Research</i> , 2019 , 10, 1524-1530	4.5	6
13	Optimisation and validation of an analytical methodology for selected pesticides in waters by solid-phase extraction and liquid chromatography with ion-trap mass spectrometry detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2010 , 90, 205-218	1.8	6
12	Response surface optimisation applied to a headspace-solid phase microextraction-gas chromatography-mass spectrometry method for the analysis of volatile organic compounds in water matrices. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 166-189	1.8	6
11	Marine vegetation analysis for the determination of volatile methylsiloxanes in coastal areas. <i>Science of the Total Environment</i> , 2019 , 650, 2364-2373	10.2	6
10	Gone with the flow - Assessment of personal care products in Portuguese rivers.. <i>Chemosphere</i> , 2022 , 293, 133552	8.4	3
9	A review of bioaccumulation of volatile methylsiloxanes in aquatic ecosystems.. <i>Science of the Total Environment</i> , 2022 , 153821	10.2	1
8	ALTERNATIVE APPROACHES FOR AMOXICILLIN REMOVAL FROM WATER - FENTON'S OXIDATION VERSUS SORPTION BY ALMOND SHELL ASHES. <i>Environmental Engineering and Management Journal</i> , 2015 , 14, 2399-2407	0.6	1
7	Levels of volatile methylsiloxanes in urban wastewater sludges at various steps of treatment. <i>Environmental Chemistry Letters</i> , 2021 , 19, 2723-2732	13.3	1
6	Reply to comments on "Volatile methylsiloxanes in personal care products - Using QuEChERS as a "green" analytical approach" published in <i>Talanta</i> 174 (2017) 156-157. <i>Talanta</i> , 2018 , 179, 485-489	6.2	1
5	Uptake and translocation of UV-filters and synthetic musk compounds into edible parts of tomato grown in amended soils. <i>Science of the Total Environment</i> , 2021 , 792, 148482	10.2	1
4	Analytical Methods for Volatile Methylsiloxanes Quantification: Current Trends and Challenges. <i>Handbook of Environmental Chemistry</i> , 2020 , 71-118	0.8	0
3	Modified dispersive solid-phase extraction and cleanup followed by GC-MS/MS analysis to quantify ultraviolet filters and synthetic musk compounds in soil samples. <i>Journal of Separation Science</i> , 2021 , 44, 3107-3116	3.4	0
2	Presence of metals and metalloids in crumb rubber used as infill of worldwide synthetic turf pitches: Exposure and risk assessment.. <i>Chemosphere</i> , 2022 , 299, 134379	8.4	0
1	Concluding Remarks and Future Perspectives. <i>Handbook of Environmental Chemistry</i> , 2019 , 315-320	0.8	