

# Pedro A Segura

## List of Publications by Year in descending order

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34  
papers

1,157  
citations

516710

16  
h-index

434195

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1698  
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering transformation products of four organic contaminants of concern by photodegradation experiments and analysis of real samples from a local river. <i>Chemosphere</i> , 2022, 293, 133408.	8.2	3
2	Identifying congeners and transformation products of organic contaminants within complex chemical mixtures in impacted surface waters with a top-down non-targeted screening workflow. <i>Science of the Total Environment</i> , 2022, 822, 153540.	8.0	9
3	Non-targeted screening of trace organic contaminants in surface waters by a multi-tool approach based on combinatorial analysis of tandem mass spectra and open access databases. <i>Talanta</i> , 2021, 230, 122293.	5.5	18
4	Determination of short-chain carboxylic acids and non-targeted analysis of water samples treated by wet air oxidation using gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1652, 462352.	3.7	5
5	The NSERC Canadian Lake Pulse Network: A national assessment of lake health providing science for water management in a changing climate. <i>Science of the Total Environment</i> , 2019, 695, 133668.	8.0	68
6	Impact of method parameters on the performance of suspect screening for the identification of trace organic contaminants in surface waters. <i>Canadian Journal of Chemistry</i> , 2019, 97, 197-211.	1.1	6
7	Further studies on the signal enhancement effect in laser diode thermal desorption-triple quadrupole mass spectrometry using microwell surface coatings. <i>Journal of Mass Spectrometry</i> , 2019, 54, 948-956.	1.6	3
8	Signal enhancement in laser diode thermal desorption-triple quadrupole mass spectrometry analysis using microwell surface coatings. <i>Journal of Mass Spectrometry</i> , 2019, 54, 167-177.	1.6	7
9	Identifying Fenton-Reacted Trimethoprim Transformation Products Using Differential Mobility Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 5352-5357.	6.5	8
10	Electrochemistry-High Resolution Mass Spectrometry to Study Oxidation Products of Trimethoprim. <i>Environments - MDPI</i> , 2018, 5, 18.	3.3	12
11	Method for the Routine Determination of Accurate Masses by Triple Quadrupole Mass Spectrometry. <i>Methods and Protocols</i> , 2018, 1, 9.	2.0	0
12	Effect of steam treatments on the availability of various families of secondary metabolites extracted from green sweet sorghum. <i>Industrial Crops and Products</i> , 2017, 104, 120-128.	5.2	5
13	Application of Spectral Accuracy to Improve the Identification of Organic Compounds in Environmental Analysis. <i>Analytical Chemistry</i> , 2017, 89, 9805-9813.	6.5	15
14	Post-column hydrogen-deuterium exchange technique to assist in the identification of small organic molecules by mass spectrometry. <i>Canadian Journal of Chemistry</i> , 2016, 94, 781-787.	1.1	7
15	Linking drugs of abuse in wastewater to contamination of surface and drinking water. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 843-849.	4.3	58
16	Quantification of ecdysteroids and retinoic acids in whole daphnids by liquid chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1438, 57-64.	3.7	4
17	Application of XCMS Online and toxicity bioassays to the study of transformation products of levofloxacin. <i>Water Science and Technology</i> , 2015, 72, 1578-1587.	2.5	3
18	Global occurrence of anti-infectives in contaminated surface waters: Impact of income inequality between countries. <i>Environment International</i> , 2015, 80, 89-97.	10.0	101

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19	Determination of six chemotherapeutic agents in municipal wastewater using online solid-phase extraction coupled to liquid chromatography-tandem mass spectrometry. <i>Science of the Total Environment</i> , 2014, 487, 792-800.	8.0	46
20	Ozonation of wastewater: Removal and transformation products of drugs of abuse. <i>Science of the Total Environment</i> , 2014, 487, 763-770.	8.0	41
21	Identification and structural elucidation of ozonation transformation products of estrone. <i>Chemistry Central Journal</i> , 2013, 7, 74.	2.6	14
22	Comparative Rapid Toxicity Screening of Commercial and Potential "Green" Plasticizers Using Bioluminescent Bacteria. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 11555-11560.	3.7	11
23	Detection and confirmation of saxitoxin analogues in freshwater benthic <i>Lyngbya wollei</i> algae collected in the St. Lawrence River (Canada) by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1219, 93-103.	3.7	73
24	Quantification of carbamazepine and atrazine and screening of suspect organic contaminants in surface and drinking waters. <i>Chemosphere</i> , 2011, 84, 1085-1094.	8.2	56
25	Comparison of APPI, APCI and ESI for the LC-MS/MS analysis of bezafibrate, cyclophosphamide, enalapril, methotrexate and orlistat in municipal wastewater. <i>Journal of Mass Spectrometry</i> , 2011, 46, 383-390.	1.6	53
26	High-Throughput Quantitation of Seven Sulfonamide Residues in Dairy Milk using Laser Diode Thermal Desorption-Negative Mode Atmospheric Pressure Chemical Ionization Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1442-1446.	5.2	49
27	Review of the Occurrence of Anti-infectives in Contaminated Wastewaters and Natural and Drinking Waters. <i>Environmental Health Perspectives</i> , 2009, 117, 675-684.	6.0	233
28	On-line solid-phase extraction of large-volume injections coupled to liquid chromatography-tandem mass spectrometry for the quantitation and confirmation of 14 selected trace organic contaminants in drinking and surface water. <i>Journal of Chromatography A</i> , 2009, 1216, 8518-8527.	3.7	102
29	Application of Turbulent Flow Chromatography Load Columns for the On-Line Analysis of Anti-Infectives in Wastewaters. <i>Chromatographia</i> , 2009, 70, 239-245.	1.3	17
30	Determination of bezafibrate, methotrexate, cyclophosphamide, orlistat and enalapril in waste and surface waters using on-line solid-phase extraction liquid chromatography coupled to polarity-switching electrospray tandem mass spectrometry. <i>Journal of Environmental Monitoring</i> , 2009, 11, 830.	2.1	47
31	Determination of six anti-infectives in wastewater using tandem solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Environmental Monitoring</i> , 2007, 9, 307-313.	2.1	35
32	A fully automated on-line preconcentration and liquid chromatography-tandem mass spectrometry method for the analysis of anti-infectives in wastewaters. <i>Analytica Chimica Acta</i> , 2007, 604, 147-157.	5.4	40
33	Comprehensive evaluation of non-catalytic wet air oxidation as a pretreatment to remove pharmaceuticals from hospital effluents. <i>Environmental Science: Water Research and Technology</i> , 0, , .	2.4	7
34	On the Application of High-Resolution Mass Spectrometry to Environmental Analysis. <i>International Journal of Environmental Pollution and Remediation</i> , 0, , .	0.0	1