

# Sonia Herrera Lopez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5062748/publications.pdf>

Version: 2024-02-01

8  
papers

338  
citations

1163117  
8  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of sorption and biodegradation in the removal of acetaminophen, carbamazepine, caffeine, naproxen and sulfamethoxazole during soil contact: A kinetics study. <i>Science of the Total Environment</i> , 2016, 559, 232-241.	8.0	100
2	Screening of pesticide residues in honeybee wax comb by LC-ESI-MS/MS. A pilot study. <i>Chemosphere</i> , 2016, 163, 44-53.	8.2	56
3	Microflow Liquid Chromatography Coupled to Mass Spectrometry—An Approach to Significantly Increase Sensitivity, Decrease Matrix Effects, and Reduce Organic Solvent Usage in Pesticide Residue Analysis. <i>Analytical Chemistry</i> , 2015, 87, 1018-1025.	6.5	49
4	Method validation and application of a selective multiresidue analysis of highly polar pesticides in food matrices using hydrophilic interaction liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1594, 93-104.	3.7	45
5	Application of zirconium dioxide nanoparticle sorbent for the clean-up step in post-harvest pesticide residue analysis. <i>Talanta</i> , 2015, 144, 51-61.	5.5	38
6	Analysis of highly polar pesticides and their main metabolites in animal origin matrices by hydrophilic interaction liquid chromatography and mass spectrometry. <i>Food Control</i> , 2020, 115, 107289.	5.5	19
7	Selective multiresidue determination of highly polar anionic pesticides in plant-based milk, wine and beer using hydrophilic interaction liquid chromatography combined with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1625, 461226.	3.7	17
8	Influence of different hydrophilic interaction liquid chromatography stationary phases on method performance for the determination of highly polar anionic pesticides in complex feed matrices. <i>Journal of Separation Science</i> , 2021, 44, 2165-2176.	2.5	14