Marie-Virginie Salvia

List of Publications by Year
in descending order

19 papers	474 citations	623574 14 h-index	794469 19 g-index
19 all docs	19 docs citations	19 times ranked	707 citing authors

#	Article	IF	Citations
1	Untargeted metabolomics as a tool to monitor biocontrol product residues' fate on field-treated Prunus persica. Science of the Total Environment, 2022, 807, 150717.	3.9	4
2	Electrospray ionization and heterogeneous matrix effects in liquid chromatography/mass spectrometry based metaâ€metabolomics: A biomarker or a suppressed ion?. Rapid Communications in Mass Spectrometry, 2021, 35, e8977.	0.7	7
3	Online Headspace-Solid Phase Microextraction-Gas Chromatography-Mass Spectrometry-based untargeted volatile metabolomics for studying emerging complex biopesticides: A proof of concept. Analytica Chimica Acta, 2020, 1134, 58-74.	2.6	9
4	Assessment of the ecotoxicological impact of natural and synthetic Î²-triketone herbicides on the diversity and activity of the soil bacterial community using omic approaches. Science of the Total Environment, 2019, 651, 241-249.	3.9	28
5	Detection and identification of designer drugs by nanoparticle-based NMR chemosensing. Chemical Science, 2018, 9, 4777-4784.	3.7	32
6	Environmental Metabolic Footprinting (EMF) vs. half-life: a new and integrative proxy for the discrimination between control and pesticidesÂexposed sediments in order to further characterise pesticidesâ€™ environmental impact. Environmental Science and Pollution Research, 2018, 25, 29841-29847.	2.7	14
7	Evidence for photolytic and microbial degradation processes in the dissipation of leptospermone, a natural Î²-triketone herbicide. Environmental Science and Pollution Research, 2018, 25, 29848-29859.	2.7	3
8	NanoparticleâEAssisted Affinity NMR Spectroscopy: High Sensitivity Detection and Identification of Organic Molecules. Chemistry - A European Journal, 2016, 22, 16957-16963.	1.7	18
9	Environmental Metabolic Footprinting: A novel application to study the impact of a natural and a synthetic Î²-triketone herbicide in soil. Science of the Total Environment, 2016, 566-567, 552-558.	3.9	19
10	Determination of Tetracycline and Fluoroquinolone Antibiotics at Trace Levels in Sludge and Soil. Applied and Environmental Soil Science, 2015, 2015, 1-10.	0.8	21
11	Conformational Mobility in Monolayer-Protected Nanoparticles: From Torsional Free Energy Profiles to NMR Relaxation. Journal of Physical Chemistry C, 2015, 119, 20100-20110.	1.5	17
12	Nanoparticle-Assisted NMR Detection of Organic Anions: From Chemosensing to Chromatography. Journal of the American Chemical Society, 2015, 137, 886-892.	6.6	55
13	Magnetic and optical properties of Ag@SiO2-FITC-Fe3O4 hybrid nanoparticles. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2014, 182, 92-95.	1.7	16
14	Recognition of the DNA Minor Groove by Thiazotropsin Analogues. ChemBioChem, 2014, 15, 1978-1990.	1.3	15
15	Fate of pharmaceutical compounds and steroid hormones in soil: study of transfer and degradation in soil columns. Environmental Science and Pollution Research, 2014, 21, 10525-10535.	2.7	26
16	Statistical evaluation of the influence of soil properties on recoveries and matrix effects during the analysis of pharmaceutical compounds and steroids by quick, easy, cheap, effective, rugged and safe extraction followed by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2013, 1315, 53-60.	1.8	34
17	Thiazotropsin aggregation and its relationship to molecular recognition in the DNA minor groove. Biophysical Chemistry, 2013, 179, 1-11.	1.5	14
18	Development of a multi-residue method using acetonitrile-based extraction followed by liquid chromatographyâ€“tandem mass spectrometry for the analysis of steroids and veterinary and human drugs at trace levels in soil. Journal of Chromatography A, 2012, 1245, 122-133.	1.8	127

#	Article	IF	Citations
19	NMR analysis of Nile Blue (C. I. Basic Blue 12) and Thionine (C. I. 52000) in solution. Dyes and Pigments, 2011, 88, 315-325.	2.0	15