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	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
2	Nanoparticle-Assisted NMR Detection of Organic Anions: From Chemosensing to Chromatography. Journal of the American Chemical Society, 2015, 137, 886-892.	6.6	55
3	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
4	Detection and identification of designer drugs by nanoparticle-based NMR chemosensing. Chemical Science, 2018, 9, 4777-4784.	3.7	32
5	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
6	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
7	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
8	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
9	Nanoparticleâ€Assisted Affinity NMR Spectroscopy: High Sensitivity Detection and Identification of Organic Molecules. Chemistry - A European Journal, 2016, 22, 16957-16963.	1.7	18
10	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
11	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
12	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
13	Recognition of the DNA Minor Groove by Thiazotropsin Analogues. ChemBioChem, 2014, 15, 1978-1990.	1.3	15
14	Thiazotropsin aggregation and its relationship to molecular recognition in the DNA minor groove. Biophysical Chemistry, 2013, 179, 1-11.	1.5	14
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	Evidence for photolytic and microbial degradation processes in the dissipation of leptospermone, a natural β-triketone herbicide. Environmental Science and Pollution Research, 2018, 25, 29848-29859.	2.7	3