Beatriz Sevilla-MorÃ¡n

List of Publications by Year
in descending order

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22	699	567281	794594
papers	citations	15 h-index	19 g-index

22	22	22	863
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biopesticides in the framework of the European Pesticide Regulation (EC) No. 1107/2009. Pest Management Science, 2014, 70, 2-5.	3.4	133
2	Trends in analysis of pesticide residues to fulfil the European Regulation (EC) No. 1107/2009. TrAC - Trends in Analytical Chemistry, 2016, 80, 568-580.	11.4	83
3	Considerations of nano-QSAR/QSPR models for nanopesticide risk assessment within the European legislative framework. Science of the Total Environment, 2018, 634, 1530-1539.	8.0	74
4	Biopesticides from Natural Products: Current Development, Legislative Framework, and Future Trends. BioResources, 2016, 11, .	1.0	67
5	Photolysis of clethodim herbicide and a formulation in aquatic environments: Fate and ecotoxicity assessment of photoproducts by QSAR models. Science of the Total Environment, 2018, 615, 643-651.	8.0	44
6	Photochemical behavior of alloxydim herbicide in environmental waters. Structural elucidation and toxicity of degradation products. Microchemical Journal, 2013, 106, 212-219.	4.5	34
7	Computational Methodologies for the Risk Assessment of Pesticides in the European Union. Journal of Agricultural and Food Chemistry, 2017, 65, 2017-2018.	5.2	33
8	Study of alloxydim photodegradation in the presence of natural substances: Elucidation of transformation products. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 198, 162-168.	3.9	32
9	Rapid photodegradation of clethodim and sethoxydim herbicides in soil and plant surface model systems. Arabian Journal of Chemistry, 2016, 9, 694-703.	4.9	32
10	Aqueous photodegradation of sethoxydim herbicide: Qtof elucidation of its by-products, mechanism and degradation pathway. Science of the Total Environment, 2014, 472, 842-850.	8.0	31
11	Indirect Photodegradation of Clethodim in Aqueous Media. Byproduct Identification by Quadrupole Time-of-Flight Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2010, 58, 3068-3076.	5.2	28
12	Photodegradation behaviour of sethoxydim and its comercial formulation PoastÂ® under environmentally-relevant conditions in aqueous media. Study of photoproducts and their toxicity. Chemosphere, 2017, 168, 501-507.	8.2	20
13	Challenges of Biopesticides Under the European Regulation (EC) No. 1107/2009. Studies in Natural Products Chemistry, 2014, 43, 437-482.	1.8	18
14	Sunlight transformation of sethoxydim-lithium in natural waters and effect of humic acids. International Journal of Environmental Analytical Chemistry, 2010, 90, 487-496.	3.3	16
15	Computational-Based Study of QuEChERS Extraction of Cyclohexanedione Herbicide Residues in Soil by Chemometric Modeling. Molecules, 2018, 23, 2009.	3.8	15
16	Assessing the Effects of Alloxydim Phototransformation Products by QSAR Models and a Phytotoxicity Study. Molecules, 2018, 23, 993.	3.8	12
17	Identification of sethoxydim degradation products in natural waters under different light sources by HPLC-QTOF-MS. Microchemical Journal, 2015, 119, 6-10.	4.5	9
18	An overview of nanopesticides in the framework of European legislation. , 2017, , 227-271.		9

#	Article	IF	Citations
19	A study using QSAR/QSPR models focused on the possible occurrence and risk of alloxydim residues from chlorinated drinking water, according to the EU Regulation. Science of the Total Environment, 2022, 839, 156000.	8.0	4
20	Contributions of Computer-Based Chemical Modeling Technologies on the Risk Assessment and the Environmental Fate Study of (Nano)pesticides. , 2020, , 1-27.		3
21	Comparative Phytotoxicity Assays of the Herbicide Alloxydim and Its Main Identified Photoproduct in Cereal and Broadleaves Crops. Weed Science, 2015, 63, 377-387.	1.5	2
22	Chemical Behaviour and Herbicidal Activity of Cyclohexanedione Oxime Herbicides. , 2012, , .		0