

# Thierry Dagnac

## List of Publications by Year in descending order

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55  
papers

1,919  
citations

236925

25  
h-index

265206

42  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2226  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of endocrine-disrupting compounds in environmental samples using gas and liquid chromatography with mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 974, 143-159.	3.7	215
2	Hazardous organic chemicals in rubber recycled tire playgrounds and pavers. <i>Chemosphere</i> , 2013, 90, 423-431.	8.2	110
3	Environmental applications of solid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 1-12.	11.4	96
4	Microwave-assisted extraction of pharmaceuticals, personal care products and industrial contaminants in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 136-150.	11.4	85
5	Simultaneous determination of traces of pyrethroids, organochlorines and other main plant protection agents in agricultural soils by headspace solid-phase microextraction-gas chromatography. <i>Journal of Chromatography A</i> , 2008, 1188, 154-163.	3.7	84
6	Dispersive solid-phase extraction followed by liquid chromatography-tandem mass spectrometry for the multi-residue analysis of pesticides in raw bovine milk. <i>Journal of Chromatography A</i> , 2009, 1216, 3702-3709.	3.7	80
7	Development of a solid-phase microextraction gas chromatography with microelectron-capture detection method for a multiresidue analysis of pesticides in bovine milk. <i>Analytica Chimica Acta</i> , 2008, 617, 37-50.	5.4	78
8	Determination of isothiazolinone preservatives in cosmetics and household products by matrix solid-phase dispersion followed by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1270, 41-50.	3.7	75
9	Analysis of industrial contaminants in indoor air. Part 2. Emergent contaminants and pesticides. <i>Journal of Chromatography A</i> , 2009, 1216, 567-597.	3.7	65
10	Validation of an off line solid phase extraction liquid chromatography-tandem mass spectrometry method for the determination of systemic insecticide residues in honey and pollen samples collected in apiaries from NW Spain. <i>Analytica Chimica Acta</i> , 2010, 672, 107-113.	5.4	60
11	Microwave-assisted extraction of emerging pollutants in environmental and biological samples before chromatographic determination. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 119-143.	11.4	59
12	Simultaneous in-vial acetylation solid-phase microextraction followed by gas chromatography tandem mass spectrometry for the analysis of multiclass organic UV filters in water. <i>Journal of Hazardous Materials</i> , 2017, 323, 45-55.	12.4	54
13	Multivariate optimization of the factors influencing the solid-phase microextraction of pyrethroid pesticides in water. <i>Journal of Chromatography A</i> , 2006, 1124, 148-156.	3.7	53
14	Development of a matrix solid-phase dispersion method for the simultaneous determination of pyrethroid and organochlorinated pesticides in cattle feed. <i>Journal of Chromatography A</i> , 2009, 1216, 2832-2842.	3.7	48
15	Determination of priority and other hazardous substances in football fields of synthetic turf by gas chromatography-mass spectrometry: A health and environmental concern. <i>Chemosphere</i> , 2018, 195, 201-211.	8.2	48
16	Ultrasound-assisted emulsification microextraction followed by gas chromatography-mass spectrometry and gas chromatography-tandem mass spectrometry for the analysis of UV filters in water. <i>Microchemical Journal</i> , 2016, 124, 530-539.	4.5	44
17	Determination of fungicides in white grape bagasse by pressurized liquid extraction and gas chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1343, 18-25.	3.7	36
18	Validation and application of a liquid chromatography-tandem mass spectrometry based method for the assessment of the co-occurrence of mycotoxins in maize silages from dairy farms in NW Spain. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1850-1863.	2.3	35

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19	Determination of fourteen UV filters in bathing water by headspace solid-phase microextraction and gas chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 7069-7079.	2.7	35
20	Solid-phase extraction based on MIL-101 adsorbent followed by gas chromatography tandem mass spectrometry for the analysis of multiclass organic UV filters in water. <i>Journal of Chromatography A</i> , 2020, 1610, 460564.	3.7	33
21	Global evaluation of the chemical hazard of recycled tire crumb rubber employed on worldwide synthetic turf football pitches. <i>Science of the Total Environment</i> , 2022, 812, 152542.	8.0	31
22	Investigation of PAH and other hazardous contaminant occurrence in recycled tyre rubber surfaces. Case-study: restaurant playground in an indoor shopping centre. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 1264-1271.	3.3	30
23	Development and optimization of a solid-phase microextraction gas chromatography-tandem mass spectrometry methodology to analyse ultraviolet filters in beach sand. <i>Journal of Chromatography A</i> , 2018, 1564, 59-68.	3.7	30
24	Optimization of an analytical methodology for the simultaneous determination of different classes of ultraviolet filters in cosmetics by pressurized liquid extraction-gas chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1405, 12-22.	3.7	28
25	Occurrence and stability of masked fumonisins in corn silage samples. <i>Food Chemistry</i> , 2015, 189, 38-44.	8.2	27
26	Determination of multiclass personal care products in continental waters by solid-phase microextraction followed by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1607, 460398.	3.7	27
27	Effects of sample pretreatment and storage conditions in the determination of pyrethroids in water samples by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1841-1849.	3.7	25
28	Simultaneous determination of trace levels of multiclass fungicides in natural waters by solid - phase microextraction - gas chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1020, 51-61.	5.4	25
29	Photodegradation behaviour of multiclass ultraviolet filters in the aquatic environment: Removal strategies and photoproduct identification by liquid chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1596, 8-19.	3.7	21
30	Microwave-Assisted Extraction $\hat{\text{t}}$ . , 2018, , .		18
31	Photodegradation of multiclass fungicides in the aquatic environment and determination by liquid chromatography-tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19181-19193.	5.3	17
32	Footprints in the sand $\hat{\text{t}}$ Assessing the seasonal trends of volatile methylsiloxanes and UV-filters. <i>Marine Pollution Bulletin</i> , 2019, 140, 9-16.	5.0	17
33	Combined (d)SPE-QuEChERS Extraction of Mycotoxins in Mixed Feed Rations and Analysis by High Performance Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Toxins</i> , 2020, 12, 206.	3.4	16
34	Evaluation of chemicals of environmental concern in crumb rubber and water leachates from several types of synthetic turf football pitches. <i>Chemosphere</i> , 2021, 270, 128610.	8.2	16
35	Hazardous compounds in recreational and urban recycled surfaces made from crumb rubber. Compliance with current regulation and future perspectives. <i>Science of the Total Environment</i> , 2021, 755, 142566.	8.0	15
36	COMPRENDO: Focus and Approach. <i>Environmental Health Perspectives</i> , 2006, 114, 98-100.	6.0	14

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37	Turning cork by-products into smart and green materials for solid-phase extraction - gas chromatography tandem mass spectrometry analysis of fungicides in water. <i>Journal of Chromatography A</i> , 2020, 1628, 461437.	3.7	14
38	Fabric phase sorptive extraction for the determination of 17 multiclass fungicides in environmental water by gas chromatography-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 1817-1829.	2.5	14
39	Simultaneous Extraction and Cleanup Method Based on Pressurized Solvent Extraction for Multiresidue Analysis of Pesticides in Complex Feed Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3963-3973.	5.2	13
40	Study of the presence of priority pesticides in surface water of river basins located in two areas of intensive dairy farming in the NW Spain (Galicia). <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 995-1011.	3.3	11
41	Different miniaturized extraction methodologies followed by GC-MS/MS analysis for the determination of UV filters in beach sand. <i>Journal of Separation Science</i> , 2018, 41, 3449-3458.	2.5	11
42	Green methodology based on active air sampling followed by solid phase microextraction and gas chromatography-tandem mass spectrometry analysis to determine hazardous substances in different environments related to tire rubber. <i>Journal of Chromatography A</i> , 2022, 1668, 462911.	3.7	11
43	A methodological approach to N,N-dialkylamide thermal degradation at low temperatures. <i>Journal of Analytical and Applied Pyrolysis</i> , 1996, 37, 33-47.	5.5	10
44	Development of a solid phase microextraction gas chromatography tandem mass spectrometry methodology for the analysis of sixty personal care products in hydroalcoholic gels – hand sanitizers – in the context of COVID-19 pandemic. <i>Analytica Chimica Acta</i> , 2022, 1203, 339650.	5.4	10
45	Monitoring of pesticide residues in dairy cattle farms from NW Spain. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1864.	2.1	9
46	Effects of methyltestosterone, letrozole, triphenyltin and fenarimol on histology of reproductive organs of the copepod <i>Acartia tonsa</i> . <i>Chemosphere</i> , 2013, 92, 544-554.	8.2	9
47	Analysis of different high production volume chemicals and their chlorination by-products in waters by ultrasound-assisted emulsification-microextraction. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 1-15.	3.3	9
48	Determination of fifteen water and fat-soluble UV filters in cosmetics by pressurized liquid extraction followed by liquid chromatography tandem mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 6787-6794.	2.7	9
49	Miniaturized active air sampling method for the analysis of tire rubber pollutants from indoor and outdoor places. <i>Journal of Separation Science</i> , 2021, 44, 1694-1705.	2.5	8
50	Investigation of the thermal decomposition of selected N,N-dialkylamides at low temperature. <i>Journal of Analytical and Applied Pyrolysis</i> , 1997, 42, 53-71.	5.5	7
51	A simple model to predict compound loss processes in aquatic ecotoxicological tests: calculated and measured triphenyltin levels in water and biota. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 171-184.	3.3	6
52	Green analytical methodologies to determine personal care products in solid environmental matrices: Soils, sediments, sludge and biota – A review. <i>Advances in Sample Preparation</i> , 2022, 2, 100013.	3.0	6
53	Occurrence of Fungicides in Vineyard and the Surrounding Environment. <i>Molecules</i> , 2021, 26, 6152.	3.8	5
54	Investigation of the photochemical behaviour of pyrethroids lacking the cyclopropane ring by photo-solid-phase microextraction and gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3673-3687.	1.5	4

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55	Microwave-Assisted Extraction of Pesticides and Emerging Pollutants in the Environment. Comprehensive Analytical Chemistry, 2017, 76, 131-201.	1.3	1