

Alexandre Dehaut

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,375
citations

567281

15
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

2715
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and effects of plastic additives on marine environments and organisms: A review. <i>Chemosphere</i> , 2017, 182, 781-793.	8.2	748
2	Microplastics in seafood: Benchmark protocol for their extraction and characterization. <i>Environmental Pollution</i> , 2016, 215, 223-233.	7.5	621
3	Optimization, performance, and application of a pyrolysis-GC/MS method for the identification of microplastics. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6663-6676.	3.7	196
4	Reporting Guidelines to Increase the Reproducibility and Comparability of Research on Microplastics. <i>Applied Spectroscopy</i> , 2020, 74, 1066-1077.	2.2	196
5	Current frontiers and recommendations for the study of microplastics in seafood. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 346-359.	11.4	149
6	Microplastic contamination and pollutant levels in mussels and cockles collected along the channel coasts. <i>Environmental Pollution</i> , 2019, 250, 807-819.	7.5	123
7	Identification and quantification of plastic additives using pyrolysis-GC/MS: A review. <i>Science of the Total Environment</i> , 2021, 773, 145073.	8.0	63
8	Impacts of microplastics exposure on mussel (<i>Mytilus edulis</i>) gut microbiota. <i>Science of the Total Environment</i> , 2020, 745, 141018.	8.0	56
9	Occurrence and identification of microplastics in beach sediments from the Hauts-de-France region. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28010-28021.	5.3	40
10	Oral exposure to polyethylene microplastics alters gut morphology, immune response, and microbiota composition in mice. <i>Environmental Research</i> , 2022, 212, 113230.	7.5	33
11	An Irgafos® 168 story: When the ubiquity of an additive prevents studying its leaching from plastics. <i>Science of the Total Environment</i> , 2020, 749, 141651.	8.0	27
12	Evolution of Volatile Compounds and Biogenic Amines throughout the Shelf Life of Marinated and Salted Anchovies (<i>Engraulis encrasicolus</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 8014-8022.	5.2	25
13	Manta Net: The Golden Method for Sampling Surface Water Microplastics in Aquatic Environments. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	21
14	Development of an SPME-GC-MS method for the specific quantification of dimethylamine and trimethylamine: use of a new ratio for the freshness monitoring of cod fillets. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 3787-3794.	3.5	20
15	Juvenile fish caging as a tool for assessing microplastics contamination in estuarine fish nursery grounds. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3548-3559.	5.3	19
16	Differentiation between fresh and frozen-thawed sea bass (<i>Dicentrarchus labrax</i>) fillets using two-dimensional gel electrophoresis. <i>Food Chemistry</i> , 2015, 176, 294-301.	8.2	17
17	Phenotypic and genotypic characterization of $\text{H}_{2\text{S}}$ -positive and $\text{H}_{2\text{S}}$ -negative strains of <i>Shewanella baltica</i> isolated from spoiled whiting (<i>Merlangius merlangus</i>). <i>Letters in Applied Microbiology</i> , 2014, 59, 542-548.	2.2	9
18	Relationship Between Particle Properties and Immunotoxicological Effects of Environmentally-Sourced Microplastics. <i>Frontiers in Water</i> , 2022, 4, .	2.3	4

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19	Monitoring the freshness of fish: development of a <scp>qPCR</scp> method applied to <scp>MAP</scp> chilled whiting. Journal of the Science of Food and Agriculture, 2016, 96, 2080-2089.	3.5	3
20	Microplastics Detection Using Pyrolysis-GC/MS-Based Methods. , 2020, , 1-35.		3
21	Volatile Compounds Selection via Quantile Correlation and Composite Quantile Correlation: A Whiting Case Study. Open Journal of Statistics, 2016, 06, 995-1002.	0.7	1
22	Microplastics Detection Using Pyrolysis-GC/MS-Based Methods. , 2022, , 141-175.		1