Alexandre Dehaut

List of Publications by Year
in descending order

22 papers	2,375 citations	566801 15 h-index	752256 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. Chemosphere, 2017, 182, 781-793.	4.2	748
2	Microplastics in seafood: Benchmark protocol for their extraction and characterization. Environmental Pollution, 2016, 215, 223-233.	3.7	621
3	Optimization, performance, and application of a pyrolysis-GC/MS method for the identification of microplastics. Analytical and Bioanalytical Chemistry, 2018, 410, 6663-6676.	1.9	196
4	Reporting Guidelines to Increase the Reproducibility and Comparability of Research on Microplastics. Applied Spectroscopy, 2020, 74, 1066-1077.	1.2	196
5	Current frontiers and recommendations for the study of microplastics in seafood. TrAC - Trends in Analytical Chemistry, 2019, 116, 346-359.	5.8	149
6	Microplastic contamination and pollutant levels in mussels and cockles collected along the channel coasts. Environmental Pollution, 2019, 250, 807-819.	3.7	123
7	Identification and quantification of plastic additives using pyrolysis-GC/MS: A review. Science of the Total Environment, 2021, 773, 145073.	3.9	63
8	Impacts of microplastics exposure on mussel (Mytilus edulis) gut microbiota. Science of the Total Environment, 2020, 745, 141018.	3.9	56
9	Occurrence and identification of microplastics in beach sediments from the Hauts-de-France region. Environmental Science and Pollution Research, 2019, 26, 28010-28021.	2.7	40
10	Oral exposure to polyethylene microplastics alters gut morphology, immune response, and microbiota composition in mice. Environmental Research, 2022, 212, 113230.	3.7	33
11	An IrgafosÂ® 168 story: When the ubiquity of an additive prevents studying its leaching from plastics. Science of the Total Environment, 2020, 749, 141651.	3.9	27
12	Evolution of Volatile Compounds and Biogenic Amines throughout the Shelf Life of Marinated and Salted Anchovies (Engraulis encrasicolus). Journal of Agricultural and Food Chemistry, 2014, 62, 8014-8022.	2.4	25
13	Manta Net: The Golden Method for Sampling Surface Water Microplastics in Aquatic Environments. Frontiers in Environmental Science, 2022, 10, .	1.5	21
14	Development of an <scp>SPMEâ€GCâ€MS</scp> method for the specific quantification of dimethylamine and trimethylamine: use of a new ratio for the freshness monitoring of cod fillets. Journal of the Science of Food and Agriculture, 2016, 96, 3787-3794.	1.7	20
15	Juvenile fish caging as a tool for assessing microplastics contamination in estuarine fish nursery grounds. Environmental Science and Pollution Research, 2020, 27, 3548-3559.	2.7	19
16	Differentiation between fresh and frozenâ€“thawed sea bass (Dicentrarchus labrax) fillets using two-dimensional gel electrophoresis. Food Chemistry, 2015, 176, 294-301.	4.2	17
17	Phenotypic and genotypic characterization of H₂ S-positive and H₂ S-negative strains of Shewanella baltica isolated from spoiled whiting (Merlangius merlangus). Letters in Applied Microbiology, 2014, 59, 542-548.	1.0	9
18	Relationship Between Particle Properties and Immunotoxicological Effects of Environmentally-Sourced Microplastics. Frontiers in Water, 2022, 4, .	1.0	4

#	Article	IF	Citations
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.	1.7	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.	0.3	1
22	Microplastics Detection Using Pyrolysis-GC/MS-Based Methods. , 2022, , 141-175.		1