Teruyo Ieda

List of Publications by Year
in descending order

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17 papers	543 citations	933447 10 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	697 citing authors

#	Article	IF	Citations
1	Stir bar sorptive extraction and comprehensive two-dimensional gas chromatography coupled to high-resolution time-of-flight mass spectrometry for ultra-trace analysis of organochlorine pesticides in river water. Journal of Chromatography A, 2011, 1218, 6851-6860.	3.7	79
2	Comprehensive two-dimensional gas chromatography coupled to high-resolution time-of-flight mass spectrometry and simultaneous nitrogen phosphorous and mass spectrometric detection for characterization of nanoparticles in roadside atmosphere. Journal of Chromatography A, 2007, 1150, 13-20.	3.7	78
3	Analysis of Nonylphenol Isomers in a Technical Mixture and in Water by Comprehensive Two-Dimensional Gas Chromatographyâ^'Mass Spectrometry. Environmental Science & Technology, 2005, 39, 7202-7207.	10.0	76
4	Environmental analysis of chlorinated and brominated polycyclic aromatic hydrocarbons by comprehensive two-dimensional gas chromatography coupled to high-resolution time-of-flight mass spectrometry. Journal of Chromatography A, 2011, 1218, 3224-3232.	3.7	74
5	Global and selective detection of organohalogens in environmental samples by comprehensive two-dimensional gas chromatographyâ€“tandem mass spectrometry and high-resolution time-of-flight mass spectrometry. Journal of Chromatography A, 2011, 1218, 3799-3810.	3.7	53
6	Multi-stir bar sorptive extraction for analysis of odor compounds in aqueous samples. Journal of Chromatography A, 2013, 1315, 70-79.	3.7	50
7	Thermal desorption â€“ comprehensive two-dimensional gas chromatography coupled with tandem mass spectrometry for determination of trace polycyclic aromatic hydrocarbons and their derivatives. Journal of Chromatography A, 2012, 1252, 164-170.	3.7	43
8	Diurnal variations and vertical gradients of biogenic volatile and semi-volatile organic compounds at the Tomakomai larch forest station in Japan. Tellus, Series B: Chemical and Physical Meteorology, 2006, 58, 177-186.	1.6	25
9	Biodegradation of the aromatic fraction from petroleum diesel fuel by Oerskovia sp. followed by comprehensive GCÃ—GC-TOF MS. Journal of Hazardous Materials, 2019, 363, 227-232.	12.4	18
10	Evaluation of a data-processing method for target and non-target screening using comprehensive two-dimensional gas chromatography coupled with high-resolution time-of-flight mass spectrometry for environmental samples. Talanta, 2019, 194, 461-468.	5.5	16
11	Comprehensive screening of polybromochlorodibenzo-p-dioxins, dibenzofurans as mixed halogenated compounds in wastewater samples from industrial facilities by GCÃ—GC/ToFMS and post-data processing. Chemosphere, 2021, 276, 130085.	8.2	10
12	Selective and comprehensive analysis of organohalogen compounds by GCâ€‰Ã—â€‰GCâ€“HRTofMS and MS/MS. Environmental Science and Pollution Research, 2018, 25, 7135-7146.	5.3	9
13	Application of rapid air sampling and non-targeted analysis using thermal desorption comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry to accidental fire. Chemosphere, 2022, 303, 135021.	8.2	7
14	Application of inert gas-mediated ionization for qualitative screening of chlorinated aromatics in house dust by comprehensive two-dimensional gas chromatographyâ€“high-resolution time-of-flight mass spectrometry. Journal of Chromatography A, 2021, 1657, 462571.	3.7	3
15	Preliminary statistical investigation of anomaly detection in non-target environmental monitoring by comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry. Environmental Monitoring and Contaminants Research, 2021, 1, 28-36.	0.9	2
16	Development of a Comprehensive Monitoring Method for Environmental Persistent Organic Pollutants by Using Semi-active Air Sampling/Thermal Desorption Analysis. Bunseki Kagaku, 2021, 70, 397-402.	0.2	0
17	Study on Hexabromocyclododecane and Benzotriazole UV Stabilizers in the Water Environment in Japan, via the Joint Environmental Research for National Institute for Environmental Studies with Regional Institutes,â€œThe Survey of the Emission Sources and Destiny of Chemicals under Chemical Substances Control Lawâ€•. Journal of Environmental Chemistry, 2018, 28, 69-75.	0.2	0