

Aresatz Usobiaga

List of Publications by Year in descending order

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47
papers

2,501
citations

201674

27
h-index

214800

47
g-index

48
all docs

48
docs citations

48
times ranked

3246
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the Cannabinoid and Terpene Content during the Growth of <i>Cannabis sativa</i> Plants from Different Chemotypes. <i>Journal of Natural Products</i> , 2016, 79, 324-331.	3.0	376
2	Stir-bar sorptive extraction: A view on method optimisation, novel applications, limitations and potential solutions. <i>Journal of Chromatography A</i> , 2010, 1217, 2642-2666.	3.7	347
3	Development of a stir bar sorptive extraction and thermal desorption-gas chromatography-mass spectrometry method for the simultaneous determination of several persistent organic pollutants in water samples. <i>Journal of Chromatography A</i> , 2007, 1174, 40-49.	3.7	136
4	Identification and quantification of cannabinoids in <i>Cannabis sativa</i> L. plants by high performance liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7549-7560.	3.7	131
5	Targeting the endocannabinoid system: future therapeutic strategies. <i>Drug Discovery Today</i> , 2017, 22, 105-110.	6.4	127
6	Simultaneous microwave-assisted extraction of polycyclic aromatic hydrocarbons, polychlorinated biphenyls, phthalate esters and nonylphenols in sediments. <i>Journal of Chromatography A</i> , 2005, 1068, 229-236.	3.7	115
7	Distribution and bioaccumulation of PAHs in the UNESCO protected natural reserve of Urdaibai, Bay of Biscay. <i>Chemosphere</i> , 2008, 72, 1467-1474.	8.2	80
8	Microencapsulation and storage stability of polyphenols from <i>Vitis vinifera</i> grape wastes. <i>Food Chemistry</i> , 2016, 190, 614-621.	8.2	74
9	Optimisation of microwave-assisted extraction for the determination of nonylphenols and phthalate esters in sediment samples and comparison with pressurised solvent extraction. <i>Analytica Chimica Acta</i> , 2005, 534, 247-254.	5.4	67
10	Polycyclic Aromatic Hydrocarbons in Intertidal Marine Bivalves of Sunderban Mangrove Wetland, India: An Approach to Bioindicator Species. <i>Water, Air, and Soil Pollution</i> , 2009, 201, 305-318.	2.4	62
11	Simultaneous speciation of methylmercury and butyltin species in environmental samples by headspace-stir bar sorptive extraction-thermal desorption-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1185, 130-138.	3.7	60
12	Simultaneous preconcentration of a wide variety of organic pollutants in water samples. <i>Journal of Chromatography A</i> , 2008, 1214, 1-10.	3.7	54
13	Solid-phase extraction combined with large volume injection-programmable temperature vaporization-gas chromatography-mass spectrometry for the multiresidue determination of priority and emerging organic pollutants in wastewater. <i>Journal of Chromatography A</i> , 2012, 1247, 104-117.	3.7	54
14	Simultaneous quantification of major cannabinoids and metabolites in human urine and plasma by HPLC-MS/MS and enzyme-alkaline hydrolysis. <i>Drug Testing and Analysis</i> , 2017, 9, 626-633.	2.6	49
15	Optimization of Supercritical Fluid Consecutive Extractions of Fatty Acids and Polyphenols from <i>Vitis Vinifera</i> Grape Wastes. <i>Journal of Food Science</i> , 2015, 80, E101-7.	3.1	47
16	Solid lipid nanoparticles for delivery of <i>Calendula officinalis</i> extract. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 18-26.	5.0	46
17	Review: Metabolomics as a prediction tool for plants performance under environmental stress. <i>Plant Science</i> , 2021, 303, 110789.	3.6	45
18	Application of the electrical conductivity of concentrated electrolyte solutions to industrial process control and design: from experimental measurement towards prediction through modelling. <i>TrAC - Trends in Analytical Chemistry</i> , 2001, 20, 65-78.	11.4	42

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19	Determination of fluoroquinolones in fish tissues, biological fluids, and environmental waters by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6359-6370.	3.7	42
20	Use of experimental design in the optimisation of stir bar sorptive extraction followed by thermal desorption for the determination of brominated flame retardants in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 739-748.	3.7	41
21	Calibration and field test of the Polar Organic Chemical Integrative Samplers for the determination of 15 endocrine disrupting compounds in wastewater and river water with special focus on performance reference compounds (PRC). <i>Water Research</i> , 2013, 47, 2851-2862.	11.3	40
22	Non-targeted metabolomics reveals alterations in liver and plasma of gilt-head bream exposed to oxybenzone. <i>Chemosphere</i> , 2018, 211, 624-631.	8.2	39
23	Simultaneous extraction of several persistent organic pollutants in sediment using focused ultrasonic solid-liquid extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 1471-1478.	3.7	35
24	Fast method for routine simultaneous analysis of methylmercury and butyltins in seafood. <i>Journal of Chromatography A</i> , 2007, 1148, 78-85.	3.7	33
25	Determination of alkylphenols and 17 β -estradiol in fish homogenate. Extraction and clean-up strategies. <i>Journal of Chromatography A</i> , 2010, 1217, 5890-5895.	3.7	33
26	Distribution of Organic Microcontaminants, Butyltins, and Metals in Mussels From the Estuary of Bilbao. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 244-254.	4.1	32
27	Multiresidue analytical method for the determination of 41 multiclass organic pollutants in mussel and fish tissues and biofluids by liquid chromatography coupled to tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 493-506.	3.7	30
28	Chemical fingerprinting of petroleum biomarkers in biota samples using retention-time locking chromatography and multivariate analysis. <i>Journal of Chromatography A</i> , 2007, 1157, 369-375.	3.7	27
29	Spectroscopic characterisation of moonmilk deposits in Pozalagua tourist Cave (Karrantza, Basque) <i>Talanta</i> , 2007, 68, 1058-1064.	3.9	27
30	Evaluation of polar organic chemical integrative and hollow fibre samplers for the determination of a wide variety of organic polar compounds in seawater. <i>Talanta</i> , 2018, 185, 469-476.	5.5	26
31	Optimisation of the headspace-solids phase microextraction for organomercury and organotin compound determination in sediment and biota. <i>Journal of Separation Science</i> , 2008, 31, 768-774.	2.5	24
32	Optimization of comprehensive two dimensional gas chromatography-flame ionization detection-quadrupole mass spectrometry for the separation of octyl- and nonylphenol isomers. <i>Journal of Chromatography A</i> , 2011, 1218, 3064-3069.	3.7	20
33	Optimization of large volume injection-programmable temperature vaporization-gas chromatography-mass spectrometry analysis for the determination of estrogenic compounds in environmental samples. <i>Journal of Chromatography A</i> , 2010, 1217, 8327-8333.	3.7	19
34	Headspace-solids phase microextraction preconcentration of phenols, indoles and on-fibre derivatised volatile fatty acids in liquid and gas samples from cow slurries. <i>Journal of Separation Science</i> , 2007, 30, 2293-2304.	2.5	17
35	Ultrasonic-assisted derivatization of estrogenic compounds in a cup horn booster and determination by GC-MS. <i>Journal of Separation Science</i> , 2010, 33, 104-111.	2.5	16
36	Levels and spatial distribution of inorganic and organic contaminants in sediments along the Bilbao estuary. <i>Marine Pollution Bulletin</i> , 2008, 56, 2094-2099.	5.0	15

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37	Focused ultrasound-assisted acceleration of enzymatic hydrolysis of alkylphenols and 17 β -oestradiol glucuronide in fish bile. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2307-2314.	3.7	15
38	Electrical Conductivity of Concentrated Aqueous Mixtures of HCl and KCl in a Wide Range of Compositions and Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 23-28.	1.9	12
39	Optimisation of the on-fibre derivatisation of volatile fatty acids in the simultaneous determination together with phenols and indoles in cow slurries. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1603-1609.	3.7	11
40	Levels of polycyclic aromatic hydrocarbons, polychlorinated biphenyls, methylmercury and butyltins in the natural UNESCO reserve of the biosphere of Urdaibai (Bay of Biscay, Spain). <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 722-736.	3.3	9
41	Resolution and identification of co-eluting alkylphenols in comprehensive two-dimensional gas chromatography-mass spectrometry by multivariate curve resolution-alternating least squares. <i>Journal of Chemometrics</i> , 2015, 29, 237-244.	1.3	6
42	Analysis of cannabinoids in plants, marijuana products and biological tissues. <i>Comprehensive Analytical Chemistry</i> , 2020, 90, 65-102.	1.3	6
43	Multisimplex Optimisation of the Purge-and-Trap Preconcentration of Volatile Fatty Acids, Phenols and Indoles in Cow Slurries. <i>Chromatographia</i> , 2008, 67, 93-99.	1.3	4
44	Thermodynamic and Raman spectroscopic speciation to define the operating conditions of an innovative cleaning treatment for carbonated stones based on the use of ion exchangers-A case study. <i>Talanta</i> , 2008, 75, 511-516.	5.5	4
45	Extraction Procedures for Organic Pollutants Determination in Water. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 171-235.	0.5	3
46	Electrical Conductivity of Concentrated H ₂ TiF ₆ + HF + H ₂ O Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 81-85.	1.9	2
47	Automation of a procedure to find the polynomial which best fits (\hat{p} , c1, c2, T) data of electrolyte solutions by non-linear regression analysis using mathematica® software. <i>Computers & Chemistry</i> , 2002, 26, 253-264.	1.2	1