

Nestor Etxebarria

List of Publications by Year in descending order

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173
papers

5,352
citations

76326

40
h-index

114465

63
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176
all docs

176
docs citations

176
times ranked

6168
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	Occurrence of emerging pollutants in estuaries of the Basque Country: Analysis of sources and distribution, and assessment of the environmental risk. <i>Water Research</i> , 2018, 147, 152-163.	11.3	118
7	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
8	Combined use of native and caged mussels to assess biological effects of pollution through the integrative biomarker approach. <i>Aquatic Toxicology</i> , 2013, 136-137, 32-48.	4.0	97
9	MultiSimplex optimisation of the solid-phase microextraction-gas chromatographic-mass spectrometric determination of polycyclic aromatic hydrocarbons, polychlorinated biphenyls and phthalates from water samples. <i>Journal of Chromatography A</i> , 2002, 978, 165-175.	3.7	93
10	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
11	Microencapsulation and storage stability of polyphenols from <i>Vitis vinifera</i> grape wastes. <i>Food Chemistry</i> , 2016, 190, 614-621.	8.2	74
12	Optimisation and characterisation of marijuana extracts obtained by supercritical fluid extraction and focused ultrasound extraction and retention time locking GC-MS. <i>Journal of Separation Science</i> , 2013, 36, 1397-1404.	2.5	72
13	Non-invasive portable instrumentation to study Palaeolithic rock paintings: the case of La Peaña Cave in San Roman de Candamo (Asturias, Spain). <i>Journal of Archaeological Science</i> , 2013, 40, 1354-1360.	2.4	69
14	Comparison of accelerated solvent extraction with microwave-assisted extraction and Soxhlet for the extraction of chlorinated biphenyls in soil samples. <i>TrAC - Trends in Analytical Chemistry</i> , 1998, 17, 642-647.	11.4	68
15	Comparison of solid phase extraction, saponification and gel permeation chromatography for the clean-up of microwave-assisted biological extracts in the analysis of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2006, 1128, 10-16.	3.7	68
16	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
17	Analysis of heavy metal distribution in superficial estuarine sediments (estuary of Bilbao, Basque)	8.2	64
18	An integrated analytical approach to diagnose the conservation state of building materials of a palace house in the metropolitan Bilbao (Basque Country, North of Spain). <i>Analytica Chimica Acta</i> , 2007, 584, 350-359.	5.4	64

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19	Analytical diagnosis methodology to evaluate nitrate impact on historical building materials. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1361-1370.	3.7	62
20	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
21	Intersex condition and molecular markers of endocrine disruption in relation with burdens of emerging pollutants in thicklip grey mullets (<i>Chelon labrosus</i>) from Basque estuaries (South-East Bay) Tj ETQq1 1 0z784314 mgBT /Ove	3.7	60
22	Development of a focused ultrasonic-assisted extraction of polycyclic aromatic hydrocarbons in marine sediment and mussel samples. <i>Analytica Chimica Acta</i> , 2009, 648, 178-182.	5.4	58
23	Non-invasive and non-destructive micro-XRF and micro-Raman analysis of a decorative wallpaper from the beginning of the 19th century. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 847-860.	3.7	55
24	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
25	Comparison of microwave-assisted extraction and Soxhlet extraction for phenols in soil samples using experimental designs. <i>Analyst</i> , 1998, 123, 1679-1684.	3.5	51
26	Fast and simple determination of perfluorinated compounds and their potential precursors in different packaging materials. <i>Talanta</i> , 2016, 152, 353-363.	5.5	51
27	Suspect and non-target screening: the last frontier in environmental analysis. <i>Analytical Methods</i> , 2021, 13, 1876-1904.	2.7	51
28	Retention-time locked methods in gas chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 1624-1629.	3.7	50
29	Resolution of co-eluting compounds of Cannabis Sativa in comprehensive two-dimensional gas chromatography/mass spectrometry detection with Multivariate Curve Resolution-Alternating Least Squares. <i>Talanta</i> , 2014, 121, 273-280.	5.5	49
30	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
31	Optimization and comparison of MAE, ASE and Soxhlet extraction for the determination of HCH isomers in soil samples. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 367, 733-737.	1.5	48
32	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
33	Determination of polycyclic and nitro musks in environmental water samples by means of microextraction by packed sorbents coupled to large volume injection-gas chromatography-mass spectrometry analysis. <i>Analytica Chimica Acta</i> , 2013, 773, 68-75.	5.4	45
34	Glutathione S-transferase, glutathione peroxidase and acetylcholinesterase activities in mussels transplanted to harbour areas. <i>Science of the Total Environment</i> , 2014, 470-471, 107-116.	8.0	45
35	Review: Metabolomics as a prediction tool for plants performance under environmental stress. <i>Plant Science</i> , 2021, 303, 110789.	3.6	45
36	Microextraction with polyethersulfone for bisphenol-A, alkylphenols and hormones determination in water samples by means of gas chromatography-mass spectrometry and liquid chromatography-tandem mass spectrometry analysis. <i>Talanta</i> , 2015, 134, 247-255.	5.5	42

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37	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
38	Optimisation and comparison of microwave-assisted extraction and Soxhlet extraction for the determination of polychlorinated biphenyls in soil samples using an experimental design approach. <i>Talanta</i> , 1999, 50, 345-357.	5.5	41
39	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
40	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
41	Matrix effect during the membrane-assisted solvent extraction coupled to liquid chromatography tandem mass spectrometry for the determination of a variety of endocrine disrupting compounds in wastewater. <i>Journal of Chromatography A</i> , 2014, 1356, 163-170.	3.7	40
42	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
43	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021, 401, 123272.	12.4	39
44	Distribution of trace organic contaminants and total mercury in sediments from the Bilbao and Urdaibai Estuaries (Bay of Biscay). <i>Marine Pollution Bulletin</i> , 2006, 52, 1111-1117.	5.0	38
45	Occurrence and Distribution of Metals in Mussels from the Cantabrian Coast. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 235-243.	4.1	38
46	Optimization of Focused Ultrasound Extraction (FUSE) and Supercritical Fluid Extraction (SFE) of Citrus Peel Volatile Oils and Antioxidants. <i>Food Analytical Methods</i> , 2013, 6, 1244-1252.	2.6	38
47	Multianalytical approach to the analysis of English polychromed alabaster sculptures: $\frac{1}{4}$ Raman, $\frac{1}{4}$ EDXRF, and FTIR spectroscopies. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 755-763.	3.7	36
48	Membrane assisted solvent extraction coupled to large volume injection-gas chromatography-mass spectrometry for trace analysis of synthetic musks in environmental water samples. <i>Journal of Chromatography A</i> , 2012, 1227, 38-47.	3.7	36
49	Antitumor magnetic hyperthermia induced by RGD-functionalized Fe ₃ O ₄ nanoparticles, in an experimental model of colorectal liver metastases. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1532-1542.	2.8	36
50	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
51	Mercury biomethylation assessment in the estuary of Bilbao (North of Spain). <i>Environmental Pollution</i> , 2008, 156, 482-488.	7.5	34
52	On the hydrolysis of niobium(V) and tantalum(V) in 3 mol dm ⁻³ KCl at 25 Å°C. Part 1. Construction of a thermodynamic model for NbV. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 3055-3059.	1.1	33
53	Uncertainty Budget for k ₀ -NAA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2000, 245, 195-197.	1.5	33
54	Development of a Modified Bromley's Methodology (MBM) for the estimation of ionic media effects on solution equilibria. Part 2. Correlation of the molar and molal interaction parameters with the charge and crystal radii of the ions. <i>Fluid Phase Equilibria</i> , 1996, 121, 99-109.	2.5	32

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55	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
56	Optimization of comprehensive two-dimensional gas-chromatography (GC \times GC) mass spectrometry for the determination of essential oils. <i>Talanta</i> , 2012, 88, 145-151.	5.5	32
57	Determination of endocrine disrupting compounds and their metabolites in fish bile. <i>Science of the Total Environment</i> , 2015, 536, 261-267.	8.0	31
58	Multiscreening determination of organic pollutants in molluscs using matrix solid phase dispersion. <i>Journal of Chromatography A</i> , 2015, 1391, 18-30.	3.7	31
59	Optimisation of microwave assisted digestion of sediments and determination of Sn and Hg. <i>Analytica Chimica Acta</i> , 2006, 566, 37-44.	5.4	30
60	Non-destructive spectrometry methods to study the distribution of archaeological and geological chert samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 492-497.	3.9	30
61	Determination of endocrine disrupting compounds in fish liver, brain, and muscle using focused ultrasound solid-liquid extraction and dispersive solid phase extraction as clean-up strategy. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5689-5700.	3.7	30
62	Simultaneous determination of 41 multiclass organic pollutants in environmental waters by means of polyethersulfone microextraction followed by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 615-632.	3.7	30
63	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
64	Development of a liquid-liquid extraction procedure for five 1,4-dihydropyridines calcium channel antagonists from human plasma using experimental design. <i>Talanta</i> , 2005, 67, 933-941.	5.5	28
65	Characterisation of fine wall and eggshell Roman pottery by Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 1543-1549.	2.5	28
66	Chemical contamination assessment in mangrove-lined Caribbean coastal systems using the oyster <i>Crassostrea rhizophorae</i> as biomonitor species. <i>Environmental Science and Pollution Research</i> , 2018, 25, 13396-13415.	5.3	28
67	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
68	Evaluation of the physiologically based extraction test as an indicator of metal toxicity in mussel tissue. <i>Analytica Chimica Acta</i> , 2008, 622, 126-132.	5.4	27
69	Influence of season-depending ecological variables on biomarker baseline levels in mussels (<i>Mytilus</i>) Tj ETQq1 1 0.784314 rgBT /Overl	8.0	27
70	Emerging needs for sustained production of laboratory reference materials. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 80-85.	11.4	26
71	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
72	In vitro toxicity testing in hemocytes of the marine mussel <i>Mytilus galloprovincialis</i> (L.) to uncover mechanisms of action of the water accommodated fraction (WAF) of a naphthenic North Sea crude oil without and with dispersant. <i>Science of the Total Environment</i> , 2019, 670, 1084-1094.	8.0	26

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73	General Activation and Decay Formulas and Their Application in Neutron Activation Analysis with ^{60}Co Standardization. <i>Analytical Chemistry</i> , 1996, 68, 4326-4334.	6.5	25
74	Sedimentology and taphonomy of sirenian remains from the Middle Eocene of the Pamplona Basin (Navarre, western Pyrenees). <i>Facies</i> , 2005, 50, 463-475.	1.4	25
75	Suspect screening workflow comparison for the analysis of organic xenobiotics in environmental water samples. <i>Chemosphere</i> , 2021, 274, 129964.	8.2	25
76	Health status assessment through an integrative biomarker approach in mussels of different ages with a different history of exposure to the Prestige oil spill. <i>Science of the Total Environment</i> , 2014, 493, 65-78.	8.0	24
77	Scientific examination of classic Spanish stamps with colour error, a non-invasive micro-Raman and micro-XRF approach: The King Alfonso XIII (1889-1901) 15 cents definitive issue. <i>Journal of Cultural Heritage</i> , 2008, 9, 189-195.	3.3	22
78	Applicability of polydimethylsiloxane (PDMS) and polyethersulfone (PES) as passive samplers of more hydrophobic organic compounds in intertidal estuarine environments. <i>Science of the Total Environment</i> , 2017, 578, 392-398.	8.0	22
79	Contaminants of Emerging Concern Removal in an Effluent of Wastewater Treatment Plant under Biological and Continuous Mode Ultrafiltration Treatment. <i>Sustainability</i> , 2020, 12, 725.	3.2	22
80	Analytical and thermodynamical approach to understand the mobility/retention of arsenic species from the river to the estuary. The Bilbao case study. <i>Marine Chemistry</i> , 2006, 99, 42-51.	2.3	21
81	Determination of tricyclic antidepressants in biota tissue and environmental waters by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1205-1216.	3.7	21
82	Prospective biomonitor and sentinel bivalve species for pollution monitoring and ecosystem health disturbance assessment in mangrove-lined Nicaraguan coasts. <i>Science of the Total Environment</i> , 2019, 649, 186-200.	8.0	21
83	MultiSimplex optimisation and comparison of different purge-and-trap extractions of volatile organic compounds in soil samples. <i>Analytica Chimica Acta</i> , 2000, 416, 43-53.	5.4	20
84	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
85	Quantitative analysis of essential oils from rosemary in virgin olive oil using Raman spectroscopy and chemometrics. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1151-1156.	2.5	20
86	Improvement of the Chromatographic Separation of Several 1,4-Dihydropyridines Calcium Channel Antagonist Drugs by Experimental Design. <i>Journal of Chromatographic Science</i> , 2005, 43, 505-512.	1.4	19
87	Trace Metals in Oysters, <i>Crassostrea</i> spp., from UNESCO Protected Natural Reserve of Urdaibai: Space-Time Observations and Source Identification. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 223-229.	2.7	19
88	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
89	Tetraphasic polar organic chemical integrative sampler for the determination of a wide polarity range organic pollutants in water. The use of performance reference compounds and in-situ calibration. <i>Talanta</i> , 2017, 164, 314-322.	5.5	19
90	Study of bioconcentration of oxybenzone in gilt-head bream and characterization of its by-products. <i>Chemosphere</i> , 2018, 208, 399-407.	8.2	19

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91	Application of the Sea Urchin Embryo Test in Toxicity Evaluation and Effect-Directed Analysis of Wastewater Treatment Plant Effluents. <i>Environmental Science & Technology</i> , 2020, 54, 8890-8899.	10.0	19
92	SPECA: a program for the calculation of thermodynamic equilibrium constants from spectrophotometric data. <i>Talanta</i> , 1994, 41, 1637-1644.	5.5	18
93	Focused ultrasound-based extraction for target analysis and suspect screening of organic xenobiotics in fish muscle. <i>Science of the Total Environment</i> , 2020, 740, 139894.	8.0	18
94	Optimisation of focused ultrasound extraction (FUSE) and microwave-assisted extraction (MAE) of hydrocarbons in geological chert samples. <i>Talanta</i> , 2010, 83, 605-612.	5.5	17
95	Ciprofloxacin by-products in seawater environment in the presence and absence of gilt-head bream. <i>Chemosphere</i> , 2018, 197, 560-568.	8.2	17
96	Hydrolysis of Nb(V) and Ta(V) in aqueous KCl at 25 ^o C. Part II: Construction of a thermodynamic model for Ta(V). <i>Journal of Solution Chemistry</i> , 1995, 24, 611-622.	1.2	16
97	MultiSimplex optimisation of purge-and-trap extraction of phenols in soil samples. <i>Journal of Chromatography A</i> , 1999, 849, 225-234.	3.7	16
98	Multielement μ -ED-XRF analysis of vertebrate fossil bones. <i>X-Ray Spectrometry</i> , 2008, 37, 293-297.	1.4	16
99	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
100	Application of Toxicity Identification Evaluation (TIE) procedures for the characterization and management of dredged harbor sediments. <i>Marine Pollution Bulletin</i> , 2013, 71, 259-268.	5.0	16
101	Quantitative Analysis of Bioactive Compounds from Aromatic Plants by Means of Dynamic Headspace Extraction and Multiple Headspace Extraction-Gas Chromatography-Mass Spectrometry. <i>Journal of Food Science</i> , 2016, 81, C867-73.	3.1	16
102	Characterization of the contamination fingerprint of wastewater treatment plant effluents in the Henares River Basin (central Spain) based on target and suspect screening analysis. <i>Science of the Total Environment</i> , 2022, 806, 151262.	8.0	16
103	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
104	Integrative sediment assessment at Atlantic Spanish harbours by means of chemical and ecotoxicological tools. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 1305-1318.	2.7	15
105	Influence of solvent and soil type on the pressurised fluid extraction of PAHs. <i>Journal of Environmental Monitoring</i> , 2000, 2, 634-638.	2.1	14
106	Optimisation of flow-injection-hydride generation inductively coupled plasma spectrometric determination of selenium in electrolytic manganese. <i>Talanta</i> , 2005, 65, 1209-1214.	5.5	14
107	Optimization of Focused Ultrasound Extraction and Supercritical Fluid Extraction of Volatile Compounds and Antioxidants from Aromatic Plants. <i>Food Analytical Methods</i> , 2013, 6, 1611-1620.	2.6	14
108	Inter-laboratory mass spectrometry dataset based on passive sampling of drinking water for non-target analysis. <i>Scientific Data</i> , 2021, 8, 223.	5.3	14

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109	Determination of trace levels of dinitrophenolic compounds by microporous membrane liquid-liquid extraction in environmental water samples. <i>Journal of Separation Science</i> , 2007, 30, 2144-2152.	2.5	13
110	Assessment of commercially available polymeric materials for sorptive microextraction of priority and emerging nonpolar organic pollutants in environmental water samples. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11867-11883.	5.3	13
111	Multi-Target Analysis and Suspect Screening of Xenobiotics in Milk by UHPLC-HRMS/MS. <i>Separations</i> , 2021, 8, 14.	2.4	13
112	Influence of dispersant application on the toxicity to sea urchin embryos of crude and bunker oils representative of prospective oil spill threats in Arctic and Sub-Arctic seas. <i>Marine Pollution Bulletin</i> , 2021, 172, 112922.	5.0	13
113	Potentiometric study of the protonation equilibria of tartaric acid in aqueous sodium perchlorate solutions at 25 °C. Construction of a thermodynamic model. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 2729-2733.	1.1	12
114	Classification of glazed potteries from Christian and Muslim territories (Late Medieval Ages, IX-XIII). <i>Journal of Archaeological Science</i> , 2018, 90, 102837.	2.8	12
115	Uptake calibration of polymer-based passive samplers for monitoring priority and emerging organic non-polar pollutants in WWTP effluents. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3165-3175.	3.7	12
116	Potentiometric and spectrophotometric study of the acid-base equilibria of Cr(VI) at 25 °C and different ionic strengths of aqueous KNO ₃ . <i>Journal of Solution Chemistry</i> , 1993, 22, 825-838.	1.2	11
117	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
118	Comprehensive two-dimensional gas chromatography to characterize hydrocarbon mixtures in lithic materials. <i>Journal of Chromatography A</i> , 2011, 1218, 1656-1662.	3.7	11
119	Testing wastewater treatment plant effluent effects on microbial and detritivore performance: A combined field and laboratory experiment. <i>Aquatic Toxicology</i> , 2018, 203, 159-171.	4.0	11
120	Amitriptyline at an Environmentally Relevant Concentration Alters the Profile of Metabolites Beyond Monoamines in Gilt-head Bream. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 965-977.	4.3	11
121	TAPHONOMY OF VERTEBRATE FOSSIL ASSEMBLAGES FROM SWAMPY CIRCUM-LAKE ENVIRONMENTS: AN EXAMPLE FROM THE LATE EOCENE OF ZAMBRANA (IBERIAN PENINSULA). <i>Palaaios</i> , 2009, 24, 522-534.	1.3	11
122	Potentiometric and spectrophotometric study of the solution equilibria in the nickel(II)-diethanolamine-water system in aqueous sodium perchlorate solutions at 25 °C. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 3843-3848.	1.1	10
123	Progress in herbicide determination with the thylakoid bioassay. <i>Environmental Science and Pollution Research</i> , 1998, 5, 17-20.	5.3	10
124	Potentiometric study of the protonation and distribution equilibria of d-gluconic- γ -lactone acid in sodium perchlorate solutions at 25 °C and construction of a thermodynamic model. <i>Talanta</i> , 1998, 45, 1007-1014.	5.5	10
125	Optimization of Focused Microwave-Assisted Extraction of DDT and Derivatives from Soil Samples. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 681-687.	1.4	10
126	Optimisation of volatile elements determination by flow injection hydride generation-inductively coupled plasma spectrometry in electrolytic manganese. <i>Journal of Alloys and Compounds</i> , 2007, 427, 73-77.	5.5	10

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127	Silicone rod extraction followed by liquid desorptionâ€“large volume injection-programmable temperature vaporiserâ€“gas chromatographyâ€“mass spectrometry for trace analysis of priority organic pollutants in environmental water samples. <i>Talanta</i> , 2013, 117, 471-482.	5.5	10
128	Study of the complexation and precipitation equilibria in the system Cr(VI)-Fe(III)-H ₂ O. <i>Journal of Solution Chemistry</i> , 1994, 23, 1111-1123.	1.2	9
129	Interactions of metal extractant reagents. IX. Aggregation and mixed species equilibria of tri-n-dodecylammonium chloride and nitrate in toluene at 40 \pm 1/2 \circ C. <i>Journal of Solution Chemistry</i> , 1996, 25, 1113-1124.	1.2	9
130	MultiSimplex optimisation of purge-and-trap extraction of volatile organic compounds in soil samples. <i>Analyst</i> , The, 2000, 125, 477-480.	3.5	9
131	Gametogenesis-Related Fluctuations in Ovothiol Levels in the Mantle of Mussels from Different Estuaries: Fighting Oxidative Stress for Spawning in Polluted Waters. <i>Biomolecules</i> , 2020, 10, 373.	4.0	9
132	Study of the intra-arterial distribution of Fe ₃ O ₄ nanoparticles in a model of colorectal neoplasm induced in rat liver by MRI and spectrometry. <i>International Journal of Nanomedicine</i> , 2012, 7, 2399.	6.7	8
133	Sourcing sedimentary cherts with archaeological use through the combination of chromatographic and spectroscopic techniques. <i>Applied Geochemistry</i> , 2013, 33, 252-259.	3.0	7
134	Simultaneous enzymatic hydrolysis and extraction of endocrine-disrupting chemicals in fish bile using polyethersulfone polymer. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7413-7423.	3.7	7
135	Permeation of Mixtures of Four Phenols through a Supported Liquid Membrane in NaCl 1.0 mol \cdot dm ⁻³ Medium. <i>Separation Science and Technology</i> , 1999, 34, 665-681.	2.5	6
136	Preparation of a reference mussel tissue material for polycyclic aromatic hydrocarbons and trace metals determination. <i>Analytica Chimica Acta</i> , 2010, 675, 91-96.	5.4	6
137	Non-destructive crystal size determination in geological samples of archaeological use by means of infrared spectroscopy. <i>Talanta</i> , 2012, 98, 172-177.	5.5	6
138	Resolution and identification of co-eluting alkylphenols in comprehensive two-dimensional gas chromatographyâ€“mass spectrometry by multivariate curve resolutionâ€“alternating least squares. <i>Journal of Chemometrics</i> , 2015, 29, 237-244.	1.3	6
139	Automatic Mesofluidic System Combining Dynamic Gastrointestinal Bioaccessibility with Lab-on-Valve-Based Sorptive Microextraction for Risk Exposure of Organic Emerging Contaminants in Filter-Feeding Organisms. <i>Analytical Chemistry</i> , 2019, 91, 5739-5746.	6.5	6
140	Analysis of cannabinoids in plants, marijuana products and biological tissues. <i>Comprehensive Analytical Chemistry</i> , 2020, 90, 65-102.	1.3	6
141	Application of a biological multilevel response approach in the copepod <i>Acartia tonsa</i> for toxicity testing of three oil Water Accommodated Fractions. <i>Marine Environmental Research</i> , 2021, 169, 105378.	2.5	6
142	Integrated biological response to environmentally-relevant concentration of amitriptyline in <i>Sparus aurata</i> . <i>Ecological Indicators</i> , 2021, 130, 108028.	6.3	6
143	Potentiometric determination of the protonation constants of some phenols in 1.0 mol/L NaCl at 25 \pm 1/2 \circ C. <i>Fresenius' Journal of Analytical Chemistry</i> , 1994, 349, 703-707.	1.5	5
144	Potentiometric study of the protonation and distribution equilibria of 2-chlorophenol in NaCl medium at 25 \circ C. Construction of a thermodynamic model. <i>Talanta</i> , 1996, 43, 11-20.	5.5	5

#	ARTICLE	IF	CITATIONS
145	The use of limpets as monitor of PAHs pollution in the Cantabrian coast. <i>Continental Shelf Research</i> , 2011, 31, 1818-1826.	1.8	5
146	Magnetic Properties of Cherts from the Basque-Cantabrian Basin and Surrounding Regions: Archeological Implications. <i>Frontiers in Earth Science</i> , 2016, 4, .	1.8	5
147	Short-term stability assessment for the analysis of emerging contaminants in seawater. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23861-23872.	5.3	5
148	Stir-bar sorptive extraction. , 2020, , 493-530.		5
149	Determination of the protonation constant and partition coefficient of 4-methylpyridine in KNO ₃ -toluene at 25 \pm 1/2 \circ C. <i>Journal of Solution Chemistry</i> , 1991, 20, 1213-1225.	1.2	4
150	Selenium in electrolytic manganese as a reference material for the quality control of aluminium melts. <i>Accreditation and Quality Assurance</i> , 2007, 12, 575-580.	0.8	4
151	Thermodynamic and Raman spectroscopic speciation to define the operating conditions of an innovative cleaning treatment for carbonated stones based on the use of ion exchangersâ€”A case study. <i>Talanta</i> , 2008, 75, 511-516.	5.5	4
152	Water Reuse Study from Urban WWTPs via c-Ultrafiltration and Ozonation Technologies: Basis for Resilient Cities and Agriculture. <i>Agronomy</i> , 2021, 11, 322.	3.0	4
153	SOLVENT EXTRACTION OF Ni(II) WITH THE ACTIVE COMPONENT OF LIX 54. <i>Solvent Extraction and Ion Exchange</i> , 1992, 10, 861-878.	2.0	3
154	On-Line Multicomponent Determination of the Flux of Mixtures of Phenols Through a Liquid Membrane in Real Time. <i>Mikrochimica Acta</i> , 2001, 136, 15-21.	5.0	3
155	Chromium powder as a reference material for the quality control of particle-size measurement by laser diffraction. <i>Powder Technology</i> , 2005, 155, 85-91.	4.2	3
156	A clean up step of fat content previous to trace metal characterization in mussel tissues by inductively coupled plasma mass spectrometry. <i>Microchemical Journal</i> , 2011, 99, 252-259.	4.5	3
157	Extraction Procedures for Organic Pollutants Determination in Water. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 171-235.	0.5	3
158	Chemical characterization of oil and water accommodated fraction (WAF) at different temperatures. <i>Results in Engineering</i> , 2022, 14, 100433.	5.1	3
159	Potentiometric study of the distribution equilibria of phenols between 1.0 moldm ⁻³ NaCl and organic solvents at 25 \pm 1/2 \circ C. <i>Mikrochimica Acta</i> , 1994, 117, 31-38.	5.0	2
160	Interactions of metal extractant reagents: VII. Aggregation of tri-n-dodecylammonium chloride and perchlorate in toluene at 40 \pm 1/2 \circ C. <i>Journal of Solution Chemistry</i> , 1994, 23, 605-618.	1.2	2
161	Performance optimization of k ₀ -INAA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1997, 215, 295-303.	1.5	2
162	Inductively Coupled Plasma Compared with Direct Current Arc Spectrometry for Analysis of Minor Elements in Aluminium Baths. <i>Journal of AOAC INTERNATIONAL</i> , 2004, 87, 1218-1223.	1.5	2

#	ARTICLE	IF	CITATIONS
163	Toxicology tailored low density oligonucleotide microarray for the thicklip grey mullets (Chelon) Tj ETQq1 1 0.784314 rgBT /Overlock Environmental Research, 2018, 140, 265-277.	2.5	2
164	Biochemical and Metabolomic Changes after Electromagnetic Hyperthermia Exposure to Treat Colorectal Cancer Liver Implants in Rats. Nanomaterials, 2021, 11, 1318.	4.1	2
165	Preparation and characterization of "exhausted electrowinning electrolyte" reference material. European Physical Journal Special Topics, 2003, 107, 53-56.	0.2	1
166	Intra-Arterial Infusion of Magnetic Nanoparticle-Based Theragnostic Agent to Treat Colorectal Cancer Liver Implants in Rats. European Surgical Research, 2020, 61, 136-142.	1.3	1
167	Antioxidant Activities and Selenogene Transcription in the European Sea Bass (Dicentrarchus labrax) Liver Depend, in a Non-linear Manner, on the Se/Hg Molar Ratio of the Feeds. Biological Trace Element Research, 2022, 200, 2365-2379.	3.5	1
168	Toxicity to sea urchin embryos of crude and bunker oils weathered under ice alone and mixed with dispersant. Marine Pollution Bulletin, 2022, 175, 113345.	5.0	1
169	SETApp: A machine learning and image analysis based application to automate the sea urchin embryo test. Ecotoxicology and Environmental Safety, 2022, 241, 113728.	6.0	1
170	Analysis of PCBs in Waters. , 2013, , 765-788.		0
171	Sulfonamida antibiotikoen determinazioa zoruan. , 0, , .		0
172	Irudi-analisi eta machine learning bidezko itsas-triku enbrioi biosaioaren automatizazioa. , 0, , .		0
173	Efektuei Bideratutako Analisia ospitaleko efluenteetan disruptore endokrino potentzialen detekzioarako legamia bidezko in-vitro biosaioaz baliatuz. , 0, , .		0