

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
g-index

176
all docs

176
docs citations

176
times ranked

6168
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant Activities and Selenogene Transcription in the European Sea Bass (<i>Dicentrarchus labrax</i>) Liver Depend, in a Non-linear Manner, on the Se/Hg Molar Ratio of the Feeds. <i>Biological Trace Element Research</i> , 2022, 200, 2365-2379.	3.5	1
2	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
3	Toxicity to sea urchin embryos of crude and bunker oils weathered under ice alone and mixed with dispersant. <i>Marine Pollution Bulletin</i> , 2022, 175, 113345.	5.0	1
4	Chemical characterization of oil and water accommodated fraction (WAF) at different temperatures. <i>Results in Engineering</i> , 2022, 14, 100433.	5.1	3
5	SETApp: A machine learning and image analysis based application to automate the sea urchin embryo test. <i>Ecotoxicology and Environmental Safety</i> , 2022, 241, 113728.	6.0	1
6	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
7	Review: Metabolomics as a prediction tool for plants performance under environmental stress. <i>Plant Science</i> , 2021, 303, 110789.	3.6	45
8	Multi-Target Analysis and Suspect Screening of Xenobiotics in Milk by UHPLC-HRMS/MS. <i>Separations</i> , 2021, 8, 14.	2.4	13
9	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
10	Biochemical and Metabolomic Changes after Electromagnetic Hyperthermia Exposure to Treat Colorectal Cancer Liver Implants in Rats. <i>Nanomaterials</i> , 2021, 11, 1318.	4.1	2
11	Suspect screening workflow comparison for the analysis of organic xenobiotics in environmental water samples. <i>Chemosphere</i> , 2021, 274, 129964.	8.2	25
12	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
13	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
14	Integrated biological response to environmentally-relevant concentration of amitriptyline in <i>Sparus aurata</i> . <i>Ecological Indicators</i> , 2021, 130, 108028.	6.3	6
15	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
16	Suspect and non-target screening: the last frontier in environmental analysis. <i>Analytical Methods</i> , 2021, 13, 1876-1904.	2.7	51
17	Stir-bar sorptive extraction. , 2020, , 493-530.		5
18	Intra-Arterial Infusion of Magnetic Nanoparticle-Based Theragnostic Agent to Treat Colorectal Cancer Liver Implants in Rats. <i>European Surgical Research</i> , 2020, 61, 136-142.	1.3	1

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19	Analysis of cannabinoids in plants, marijuana products and biological tissues. <i>Comprehensive Analytical Chemistry</i> , 2020, 90, 65-102.	1.3	6
20	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
21	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
22	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
23	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
24	Influence of season-dependending ecological variables on biomarker baseline levels in mussels (<i>Mytilus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.0	27
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Toxicology tailored low density oligonucleotide microarray for the thicklip grey mullets (<i>Chelon</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.5	2

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Targeting the endocannabinoid system: future therapeutic strategies. <i>Drug Discovery Today</i> , 2017, 22, 105-110.	6.4	127
45	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
46	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
47	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
48	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
49	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
50	Microencapsulation and storage stability of polyphenols from <i>Vitis vinifera</i> grape wastes. <i>Food Chemistry</i> , 2016, 190, 614-621.	8.2	74
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	Resolution of co-eluting compounds of <i>Cannabis Sativa</i> 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
63	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) <i>Tj ETQq1 1 0z784314 r8T /Ove</i>		
64	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
65	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
66	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
67	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
68	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
69	Optimisation and characterisation of marihuana extracts obtained by supercritical fluid extraction and focused ultrasound extraction and retention time locking <sc>GC</sc>-<sc>MS</sc>. <i>Journal of Separation Science</i> , 2013, 36, 1397-1404.	2.5	72
70	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
71	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
72	Non-invasive portable instrumentation to study Palaeolithic rock paintings: the case of La Peña Cave in San Roman de Candamo (Asturias, Spain). <i>Journal of Archaeological Science</i> , 2013, 40, 1354-1360.	2.4	69

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73	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
74	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
75	Silicone rod extraction followed by liquid desorption—large volume injection-programmable temperature vaporiser—gas chromatography—mass spectrometry for trace analysis of priority organic pollutants in environmental water samples. <i>Talanta</i> , 2013, 117, 471-482.	5.5	10
76	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
77	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
78	Analysis of PCBs in Waters. , 2013, , 765-788.		0
79	Optimization of comprehensive two-dimensional gas-chromatography (GC—GC) mass spectrometry for the determination of essential oils. <i>Talanta</i> , 2012, 88, 145-151.	5.5	32
80	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
81	Extraction Procedures for Organic Pollutants Determination in Water. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 171-235.	0.5	3
82	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
83	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
84	Classification of glazed potteries from Christian and Muslim territories (Late Medieval Ages, IX—XIII) <i>Tj ETQq0 0 0,rgBT /Overlock 10 Tf</i>	2.5	12
85	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
86	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
87	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
88	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
89	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
90	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

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91	Occurrence and Distribution of Metals in Mussels from the Cantabrian Coast. Archives of Environmental Contamination and Toxicology, 2010, 59, 235-243.	4.1	38
92	Optimization of large volume injection-programmable temperature vaporization-gas chromatography-mass spectrometry analysis for the determination of estrogenic compounds in environmental samples. Journal of Chromatography A, 2010, 1217, 8327-8333.	3.7	19
93	Characterisation of fine wall and eggshell Roman pottery by Raman spectroscopy. Journal of Raman Spectroscopy, 2010, 41, 1543-1549.	2.5	28
94	Ultrasonic-assisted derivatization of estrogenic compounds in a cup horn booster and determination by GC-MS. Journal of Separation Science, 2010, 33, 104-111.	2.5	16
95	Preparation of a reference mussel tissue material for polycyclic aromatic hydrocarbons and trace metals determination. Analytica Chimica Acta, 2010, 675, 91-96.	5.4	6
96	Stir-bar sorptive extraction: A view on method optimisation, novel applications, limitations and potential solutions. Journal of Chromatography A, 2010, 1217, 2642-2666.	3.7	347
97	Optimisation of focused ultrasound extraction (FUSE) and microwave-assisted extraction (MAE) of hydrocarbons in geological chert samples. Talanta, 2010, 83, 605-612.	5.5	17
98	Trace Metals in Oysters, Crassostrea spp., from UNESCO Protected Natural Reserve of Urdaibai: Space-Time Observations and Source Identification. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 223-229.	2.7	19
99	Non-destructive spectrometry methods to study the distribution of archaeological and geological chert samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 73, 492-497.	3.9	30
100	Retention-time locked methods in gas chromatography. Journal of Chromatography A, 2009, 1216, 1624-1629.	3.7	50
101	Development of a focused ultrasonic-assisted extraction of polycyclic aromatic hydrocarbons in marine sediment and mussel samples. Analytica Chimica Acta, 2009, 648, 178-182.	5.4	58
102	TAPHONOMY OF VERTEBRATE FOSSIL ASSEMBLAGES FROM SWAMPY CIRCUM-LAKE ENVIRONMENTS: AN EXAMPLE FROM THE LATE EOCENE OF ZAMBRANA (IBERIAN PENINSULA). Palaios, 2009, 24, 522-534.	1.3	11
103	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. Analytical and Bioanalytical Chemistry, 2008, 390, 739-748.	3.7	41
104	Analytical diagnosis methodology to evaluate nitrate impact on historical building materials. Analytical and Bioanalytical Chemistry, 2008, 391, 1361-1370.	3.7	62
105	Multianalytical approach to the analysis of English polychromed alabaster sculptures: $\frac{1}{4}$ Raman, $\frac{1}{4}$ EDXRF, and FTIR spectroscopies. Analytical and Bioanalytical Chemistry, 2008, 392, 755-763.	3.7	36
106	Simultaneous extraction of several persistent organic pollutants in sediment using focused ultrasonic solid-liquid extraction. Analytical and Bioanalytical Chemistry, 2008, 392, 1471-1478.	3.7	35
107	Multielement μ -ED-XRF analysis of vertebrate fossil bones. X-Ray Spectrometry, 2008, 37, 293-297.	1.4	16
108	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. Journal of Cultural Heritage, 2008, 9, 189-195.	3.3	22

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109	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
110	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
111	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
112	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
113	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
114	Mercury biomethylation assessment in the estuary of Bilbao (North of Spain). <i>Environmental Pollution</i> , 2008, 156, 482-488.	7.5	34
115	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
116	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
117	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
118	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
119	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
120	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
121	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
122	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
123	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
124	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
125	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
126	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

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127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	Emerging needs for sustained production of laboratory reference materials. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 80-85.	11.4	26
137	Analysis of heavy metal distribution in superficial estuarine sediments (estuary of Bilbao, Basque) $T_j \text{ ETQq1 } 1 \text{ 0.784314 } \text{rgBT} / \text{Overlock } 1$	3.2	64
138	Preparation and characterization of an exhausted electrowinning electrolyte reference material. <i>European Physical Journal Special Topics</i> , 2003, 107, 53-56.	0.2	1
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