

# Evaristo Ballesteros

## List of Publications by Year in descending order

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88  
papers

4,489  
citations

109311

35  
h-index

106340

65  
g-index

89  
all docs

89  
docs citations

89  
times ranked

4661  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and distribution of endocrine disrupting chemicals and pharmaceuticals in the river Bouregreg (Rabat, Morocco). <i>Chemosphere</i> , 2022, 287, 132202.	8.2	38
2	Trace-Level Determination of Polycyclic Aromatic Hydrocarbons in Dairy Products Available in Spanish Supermarkets by Semi-Automated Solid-Phase Extraction and Gas Chromatography- <sup>13</sup> C-Mass Spectrometry Detection. <i>Foods</i> , 2022, 11, 713.	4.3	11
3	A sensitive, robust method for determining natural and synthetic hormones in surface and wastewaters by continuous solid-phase extraction- <sup>13</sup> C-gas chromatography- <sup>13</sup> C-mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2022, 29, 53619-53632.	5.3	10
4	A multi-residue method for determining twenty-four endocrine disrupting chemicals in vegetables and fruits using ultrasound-assisted solid- <sup>13</sup> C-liquid extraction and continuous solid-phase extraction. <i>Chemosphere</i> , 2021, 263, 128158.	8.2	21
5	Validation and Use of an Accurate, Sensitive Method for Sample Preparation and Gas Chromatography- <sup>13</sup> C-Mass Spectrometry Determination of Different Endocrine-Disrupting Chemicals in Dairy Products. <i>Foods</i> , 2021, 10, 1040.	4.3	6
6	Determination of atropine and scopolamine in spinach-based products contaminated with genus <i>Datura</i> by UHPLC- <sup>13</sup> C-MS/MS. <i>Food Chemistry</i> , 2021, 347, 129020.	8.2	15
7	Assessment of a specific sample cleanup for the multiresidue determination of veterinary drugs and pesticides in salmon using liquid chromatography/tandem mass spectrometry. <i>Food Control</i> , 2021, 130, 108311.	5.5	17
8	Determination of alkylphenols, phenylphenols, bisphenol-A, parabens, organophosphorus pesticides and triclosan in different cereal-based foodstuffs by gas chromatography- <sup>13</sup> C-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2621-2631.	3.7	28
9	Use of semi- <sup>13</sup> C-automated continuous solid- <sup>13</sup> C-phase extraction and gas chromatography- <sup>13</sup> C-mass spectrometry for the determination of polycyclic aromatic hydrocarbons in alcoholic and non- <sup>13</sup> C-alcoholic drinks from Andalucía (Spain). <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 1117-1125.	3.5	25
10	A multi-residue method for GC-MS determination of selected endocrine disrupting chemicals in fish and seafood from European and North African markets. <i>Environmental Research</i> , 2019, 178, 108727.	7.5	29
11	Advances in colorimetric and optical sensing for gaseous volatile organic compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 502-516.	11.4	57
12	Trace level determination of polycyclic aromatic hydrocarbons in raw and processed meat and fish products from European markets by GC-MS. <i>Food Control</i> , 2019, 101, 198-208.	5.5	28
13	Advances in functional nanomaterial-based electrochemical techniques for screening of endocrine disrupting chemicals in various sample matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 256-279.	11.4	41
14	Nanomaterial-based electrochemical sensors for the detection of neurochemicals in biological matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 110, 15-34.	11.4	73
15	Assessing polycyclic aromatic hydrocarbons in cereal-based foodstuffs by using a continuous solid-phase extraction system and gas chromatography- <sup>13</sup> C-mass spectrometry. <i>Food Control</i> , 2018, 92, 92-100.	5.5	15
16	Determination of polycyclic aromatic hydrocarbons in environmental waters from southern Spain by using a continuous solid-phase extraction system and gas chromatography-mass spectrometry. <i>Environmental Chemistry</i> , 2018, 15, 351.	1.5	1
17	Multiresidue determination of polycyclic aromatic hydrocarbons in edible oils by liquid-liquid extraction- <sup>13</sup> C-solid-phase extraction- <sup>13</sup> C-gas chromatography- <sup>13</sup> C-mass spectrometry. <i>Food Control</i> , 2018, 94, 268-275.	5.5	25
18	Review of nanomaterials as sorbents in solid-phase extraction for environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 347-369.	11.4	240

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19	Determination of free and conjugated forms of endocrine-disrupting chemicals in human biological fluids by GC-MS. <i>Bioanalysis</i> , 2016, 8, 1145-1158.	1.5	30
20	Simultaneous determination of parabens, alkylphenols, phenylphenols, bisphenol A and triclosan in human urine, blood and breast milk by continuous solid-phase extraction and gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 119, 16-26.	2.8	178
21	Determination of 13 endocrine disrupting chemicals in environmental solid samples using microwave-assisted solvent extraction and continuous solid-phase extraction followed by gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 231-241.	3.7	29
22	Multiresidue method for the determination of pharmacologically active substances in egg and honey using a continuous solid-phase extraction system and gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2015, 178, 63-69.	8.2	48
23	Trace analysis of endocrine disrupting compounds in environmental water samples by use of solid-phase extraction and gas chromatography with mass spectrometry detection. <i>Journal of Chromatography A</i> , 2014, 1360, 248-257.	3.7	65
24	Analytical method for biomonitoring of perfluoroalkyl acids in human urine. <i>Talanta</i> , 2014, 128, 141-146.	5.5	15
25	Occurrence of carboxylic acids in different steps of two drinking-water treatment plants using different disinfectants. <i>Water Research</i> , 2014, 51, 186-197.	11.3	27
26	Comparison of microwave assisted, ultrasonic assisted and Soxhlet extractions of N-nitrosamines and aromatic amines in sewage sludge, soils and sediments. <i>Science of the Total Environment</i> , 2013, 463-464, 293-301.	8.0	35
27	Influence of seasonal climate differences on the pharmaceutical, hormone and personal care product removal efficiency of a drinking water treatment plant. <i>Chemosphere</i> , 2013, 93, 2046-2054.	8.2	73
28	Semiautomated solid-phase extraction followed by derivatisation and gas chromatography-mass spectrometry for determination of perfluoroalkyl acids in water. <i>Journal of Chromatography A</i> , 2013, 1318, 65-71.	3.7	14
29	Determination of Heavy Metal Content in Vegetables and Oils From Spain and Morocco by Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Letters</i> , 2012, 45, 907-919.	1.8	42
30	Determination of carboxylic acids in water by gas chromatography-mass spectrometry after continuous extraction and derivatisation. <i>Talanta</i> , 2012, 93, 224-232.	5.5	25
31	Occurrence of aromatic amines and N-nitrosamines in the different steps of a drinking water treatment plant. <i>Water Research</i> , 2012, 46, 4543-4555.	11.3	56
32	Gas chromatography-mass spectrometry determination of pharmacologically active substances in urine and blood samples by use of a continuous solid-phase extraction system and microwave-assisted derivatization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 891-892, 12-19.	2.3	18
33	Combined microwave-assisted extraction and continuous solid-phase extraction prior to gas chromatography-mass spectrometry determination of pharmaceuticals, personal care products and hormones in soils, sediments and sludge. <i>Science of the Total Environment</i> , 2012, 419, 208-215.	8.0	116
34	Simultaneous Determination of 20 Pharmacologically Active Substances in Cow's Milk, Goat's Milk, and Human Breast Milk by Gas Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5125-5132.	5.2	83
35	Gas Chromatographic Determination of N-Nitrosamines, Aromatic Amines, and Melamine in Milk and Dairy Products Using an Automatic Solid-Phase Extraction System. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7519-7526.	5.2	29
36	Determination of residual pharmaceuticals in edible animal tissues by continuous solid-phase extraction and gas chromatography-mass spectrometry. <i>Talanta</i> , 2011, 84, 820-828.	5.5	57

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37	Gas chromatographic determination of 29 organic acids in foodstuffs after continuous solid-phase extraction. <i>Talanta</i> , 2011, 84, 924-930.	5.5	50
38	Continuous solid-phase extraction method for the determination of amines in human urine following on-line microwave-assisted acid hydrolysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1929-1937.	3.7	10
39	Screening of <i>N</i> -nitrosamines in tap and swimming pool waters using fast gas chromatography. <i>Journal of Separation Science</i> , 2010, 33, 610-616.	2.5	34
40	Evaluation of stationary phases and gas chromatographic detectors for determination of amines in water. <i>Journal of Separation Science</i> , 2010, 33, 3365-3373.	2.5	14
41	Continuous solid-phase extraction and gas chromatography-mass spectrometry determination of pharmaceuticals and hormones in water samples. <i>Journal of Chromatography A</i> , 2010, 1217, 2956-2963.	3.7	62
42	Determination of carboxylic acids in water by gas chromatography using several detectors after flow preconcentration. <i>Journal of Chromatography A</i> , 2010, 1217, 7440-7447.	3.7	13
43	Residues of Pesticides and Polycyclic Aromatic Hydrocarbons in Olive and Olive-Pomace Oils by Gas Chromatography/Tandem Mass Spectrometry. , 2010, , 425-436.		1
44	Characterization of trace metals in vegetables by graphite furnace atomic absorption spectrometry after closed vessel microwave digestion. <i>Food Chemistry</i> , 2009, 116, 590-594.	8.2	72
45	Fullerenes for aromatic and non-aromatic N-nitrosamines discrimination. <i>Journal of Chromatography A</i> , 2009, 1216, 1200-1205.	3.7	28
46	Comparison of several solid-phase extraction sorbents for continuous determination of amines in water by gas chromatography-mass spectrometry. <i>Talanta</i> , 2009, 79, 613-620.	5.5	37
47	Determinaci3n de trazas met3licas en aceites vegetales de Espa±a y Marruecos mediante espectroscop3a de absorci3n con c3mara de grafito despu3s de la digesti3n en horno de microondas. <i>Grasas Y Aceites</i> , 2009, 60, 492-499.	0.9	13
48	Automatic screening method for the preconcentration and determination of N-nitrosamines in water. <i>Talanta</i> , 2007, 73, 498-504.	5.5	10
49	Gas Chromatographic Determination of <i>N</i> -Nitrosamines in Beverages Following Automatic Solid-Phase Extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9758-9763.	5.2	25
50	Comparison of the sensitivities of seven N-nitrosamines in pre-screened waters using an automated preconcentration system and gas chromatography with different detectors. <i>Journal of Chromatography A</i> , 2007, 1154, 66-73.	3.7	33
51	Multiresidue analysis of pesticides in olive oil by gel permeation chromatography followed by gas chromatography-tandem mass-spectrometric determination. <i>Analytica Chimica Acta</i> , 2006, 558, 53-61.	5.4	84
52	Simultaneous multidetermination of residues of pesticides and polycyclic aromatic hydrocarbons in olive and olive-pomace oils by gas chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1111, 89-96.	3.7	91
53	Continuous solid-phase extraction and gas chromatographic determination of organophosphorus pesticides in natural and drinking waters. <i>Journal of Chromatography A</i> , 2004, 1029, 267-273.	3.7	110
54	Kinetic Parameters Affecting the Alkali-Catalyzed Transesterification Process of Used Olive Oil. <i>Energy &amp; Fuels</i> , 2004, 18, 1457-1462.	5.1	141

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55	Optimization of Alkali-Catalyzed Transesterification of Brassica Carinata Oil for Biodiesel Production. <i>Energy &amp; Fuels</i> , 2004, 18, 77-83.	5.1	261
56	Importance of arachidonic acid as a mediator of parathyroid gland response. <i>Kidney International</i> , 2003, 63, S10-S13.	5.2	28
57	Exhaust emissions from a Diesel engine fueled with transesterified waste olive oil. <i>Fuel</i> , 2003, 82, 1311-1315.	6.4	564
58	Testing Waste Olive Oil Methyl Ester as a Fuel in a Diesel Engine. <i>Energy &amp; Fuels</i> , 2003, 17, 1560-1565.	5.1	116
59	Both duration and degree of hypercalcemia influence the reduced parathyroid hormone response to hypocalcemia after hypercalcemia. <i>Journal of Endocrinology</i> , 2003, 177, 119-126.	2.6	6
60	AN ALKALI-CATALYZED TRANSESTERIFICATION PROCESS FOR HIGH FREE FATTY ACID WASTE OILS. <i>Transactions of the American Society of Agricultural Engineers</i> , 2002, 45, .	0.9	106
61	Regulation of Arachidonic Acid Production by Intracellular Calcium in Parathyroid Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 693-698.	6.1	53
62	Analytical potential of fullerene as adsorbent for organic and organometallic compounds from aqueous solutions. <i>Journal of Chromatography A</i> , 2000, 869, 101-110.	3.7	77
63	Effect of High Extracellular Phosphate Concentration on Arachidonic Acid Production by Parathyroid Tissue In Vitro. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 1712-1718.	6.1	49
64	Continuous-flow determination of natural and synthetic antioxidants in foods by gas chromatography. <i>Analytica Chimica Acta</i> , 1998, 359, 47-55.	5.4	38
65	Continuous-flow discrimination of L- and D-histidine. <i>Analytica Chimica Acta</i> , 1998, 375, 99-105.	5.4	4
66	Integrated Automatic Determination of Nitrate, Ammonium and Organic Carbon in Soil Samples. <i>Analyst</i> , 1997, 122, 309-313.	3.5	12
67	Trace enrichment of phenols by on-line solid-phase extraction and gas chromatographic determination. <i>Journal of Chromatography A</i> , 1997, 757, 165-172.	3.7	27
68	On-Line Preconcentration and Gas Chromatographic Determination of N-Methylcarbamates and Their Degradation Products in Aqueous Samples. <i>Environmental Science &amp; Technology</i> , 1996, 30, 2071-2077.	10.0	24
69	Sequential Determination of d- and l-Glutamic Acid by Continuous Fractional Crystallization. <i>Analytical Chemistry</i> , 1996, 68, 322-326.	6.5	9
70	Turbidimetric flow method for the enantiomeric discrimination of L- and D-aspartic acid. <i>Analyst</i> , 1996, 121, 1397-1400.	3.5	6
71	Automatic preconcentration of chlorophenols and gas chromatographic determination with electron capture detection. <i>Chromatographia</i> , 1996, 43, 633-639.	1.3	13
72	On-line precipitation/dissolution system for the preconcentration and determination of manganese traces by atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1996, 51, 1935-1941.	2.9	15

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73	Gas chromatographic determination of cholesterol and tocopherols in edible oils and fats with automatic removal of interfering triglycerides. <i>Journal of Chromatography A</i> , 1996, 719, 221-227.	3.7	30
74	Direct effect of phosphorus on PTH secretion from whole rat parathyroid glands in vitro. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 970-976.	2.8	287
75	Simultaneous determination of sterols in edible oils by use of a continuous separation module coupled to a gas chromatograph. <i>Analytica Chimica Acta</i> , 1995, 308, 253-260.	5.4	25
76	Microwave-assisted robotic method for the determination of trace metals in soil. <i>Analytica Chimica Acta</i> , 1995, 308, 371-377.	5.4	33
77	Continuous kinetic method for the quantitative resolution of structural isomers of arginine and ornithine. <i>Analytica Chimica Acta</i> , 1995, 315, 145-151.	5.4	8
78	Automatic gas chromatographic determination of the high-density-lipoprotein cholesterol and total cholesterol in serum. <i>Biomedical Applications</i> , 1995, 672, 7-16.	1.7	4
79	A gas chromatographic flow method for preconcentration and determination of vitamins D2 and D3 in pharmaceutical preparations. <i>Chromatographia</i> , 1995, 40, 425-431.	1.3	5
80	Enantiomer Discrimination by Continuous Precipitation. <i>Analytical Chemistry</i> , 1995, 67, 3319-3323.	6.5	20
81	Sequential Determination of Triglycerides and Free Fatty Acids in Biological Fluids by Use of a Continuous Pretreatment Module Coupled to a Gas Chromatograph. <i>Analytical Biochemistry</i> , 1994, 222, 332-341.	2.4	8
82	Continuous liquid-liquid extraction and derivatization module coupled on-line with gas chromatographic detection. <i>TrAC - Trends in Analytical Chemistry</i> , 1994, 13, 68-73.	11.4	6
83	Determination of Free Fatty Acids in Dairy Products by Direct Coupling of a Continuous Preconcentration Ion-Exchange-Derivatization Module to a Gas Chromatograph. <i>Analytical Chemistry</i> , 1994, 66, 628-634.	6.5	21
84	Automatic method for on-line preparation of fatty acid methyl esters from olive oil and other types of oil prior to their gas chromatographic determination. <i>Analytica Chimica Acta</i> , 1993, 282, 581-588.	5.4	25
85	Automatic determination of N-methylcarbamate pesticides by using a liquid-liquid extractor derivatization module coupled on-line to a gas chromatograph equipped with a flame ionization detector. <i>Journal of Chromatography A</i> , 1993, 633, 169-176.	3.7	37
86	Automatic gas chromatographic determination of N-methylcarbamates in milk with electron capture detection. <i>Analytical Chemistry</i> , 1993, 65, 1773-1778.	6.5	46
87	Gas chromatographic determination of phenol compounds with automatic continuous extraction and derivatization. <i>Journal of Chromatography A</i> , 1990, 518, 59-67.	3.7	37
88	On-line coupling of a gas chromatograph to a continuous liquid-liquid extractor. <i>Analytical Chemistry</i> , 1990, 62, 1587-1591.	6.5	41