

Jon Sanz-Landaluze

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,620
citations

279487

23
h-index

288905

40
g-index

49
all docs

49
docs citations

49
times ranked

2178
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in solid-phase microextraction coatings and related techniques. <i>Journal of Chromatography A</i> , 2006, 1103, 183-192.	1.8	252
2	Nanoparticles: a global vision. Characterization, separation, and quantification methods. Potential environmental and health impact. <i>Analytical Methods</i> , 2014, 6, 38-56.	1.3	225
3	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.	1.8	93
4	Bioconcentration of pesticides in Zebrafish eleutheroembryos (<i>Danio rerio</i>). <i>Science of the Total Environment</i> , 2012, 425, 184-190.	3.9	68
5	Current perspectives in analyte extraction strategies for tin and arsenic speciation. <i>Journal of Chromatography A</i> , 2007, 1153, 114-129.	1.8	64
6	Volatile organo-selenium speciation in biological matter by solid phase microextraction "moderate temperature multicapillary gas chromatography with microwave induced plasma atomic emission spectrometry detection. <i>Analytica Chimica Acta</i> , 2004, 501, 157-167.	2.6	63
7	Complexes of arabinogalactan of <i>Pereskia aculeata</i> and Co^{2+} , Cu^{2+} , Mn^{2+} , and Ni^{2+} . <i>Bioresource Technology</i> , 2001, 76, 29-37.	4.8	53
8	Methylmercury determination in sediments and fish tissues from the Nerbioi-Ibaizabal estuary (Basque) Tj ETQq0 0,0 rgBT / Overlock 10	2.6	53
9	Accelerated extraction for determination of polycyclic aromatic hydrocarbons in marine biota. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1331-1340.	1.9	44
10	SPME "multicapillary GC coupled to different detection systems and applied to volatile organo-selenium speciation in yeast. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 260-266.	1.6	43
11	Alternative extraction methods for arsenic speciation in hair using ultrasound probe sonication and pressurised liquid extraction. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 131-139.	1.6	39
12	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.	2.3	38
13	Analytical performance of two miniaturised extraction methods for triclosan and methyltriclosan, in fish roe and surimi samples. <i>Food Chemistry</i> , 2014, 146, 141-148.	4.2	32
14	Bioconcentration of ionic cadmium and cadmium selenide quantum dots in zebrafish larvae. <i>Chemosphere</i> , 2016, 148, 328-335.	4.2	32
15	Routine analysis of mercury species using commercially available instrumentation: chemometric optimisation of the instrumental variables. <i>Analytica Chimica Acta</i> , 2003, 486, 255-267.	2.6	31
16	Comparison of bioconcentration of ionic silver and silver nanoparticles in zebrafish eleutheroembryos. <i>Environmental Pollution</i> , 2014, 191, 207-214.	3.7	29
17	On-line separation for the speciation of mercury in natural waters by flow injection-cold vapour-atomic absorption spectrometry. <i>Journal of Separation Science</i> , 2004, 27, 1202-1210.	1.3	28
18	Analytical Chemistry Teaching Adaptation in the COVID-19 Period: Experiences and Students' Opinion. <i>Journal of Chemical Education</i> , 2020, 97, 2556-2564.	1.1	28

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19	Development of a Modified Bromley's Methodology for the estimation of ionic media effects on solution equilibria. <i>Fluid Phase Equilibria</i> , 1999, 155, 1-19.	1.4	27
20	Miniaturized extraction methods of triclosan from aqueous and fish roe samples. Bioconcentration studies in zebrafish larvae (<i>Danio rerio</i>). <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 927-937.	1.9	27
21	Zebrafish (<i>Danio rerio</i>) Eleutheroembryo-Based Procedure for Assessing Bioaccumulation. <i>Environmental Science & Technology</i> , 2015, 49, 1860-1869.	4.6	26
22	Zebrafish larvae as a model for the evaluation of inorganic arsenic and tributyltin bioconcentration. <i>Water Research</i> , 2011, 45, 6515-6524.	5.3	25
23	Miniaturised method for the analysis of polycyclic aromatic hydrocarbons in leaf samples. <i>Journal of Chromatography A</i> , 2010, 1217, 3567-3574.	1.8	24
24	In-vivo solid phase microextraction for quantitative analysis of volatile organoselenium compounds in plants. <i>Analytica Chimica Acta</i> , 2019, 1081, 72-80.	2.6	23
25	The thermodynamic model of inorganic arsenic species in aqueous solutions Potentiometric study of the hydrolytic equilibrium of arsenic acid. <i>Talanta</i> , 2002, 57, 849-857.	2.9	22
26	Insights into the accumulation and transformation of Ch-SeNPs by <i>Raphanus sativus</i> and <i>Brassica juncea</i> : Effect on essential elements uptake. <i>Science of the Total Environment</i> , 2020, 725, 138453.	3.9	22
27	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.	0.9	21
28	Rapid determination of polycyclic aromatic hydrocarbons (PAHs) in zebrafish eleutheroembryos as a model for the evaluation of PAH bioconcentration. <i>Talanta</i> , 2013, 104, 67-74.	2.9	20
29	Bioaccumulation of ionic titanium and titanium dioxide nanoparticles in zebrafish eleutheroembryos. <i>Nanotoxicology</i> , 2015, 9, 835-842.	1.6	20
30	Volatile organoselenium monitoring in production and gastric digestion processes of selenized yeast by solid-phase microextraction-multicapillary gas chromatography coupled microwave-induced plasma atomic emission spectrometry. <i>Applied Organometallic Chemistry</i> , 2004, 18, 606-613.	1.7	16
31	Food Movements Oscillating Between Autonomy and Co-Production of Public Policies in the City of Madrid. <i>Nature and Culture</i> , 2018, 13, 47-68.	0.3	14
32	In vivo quantification of volatile organoselenium compounds released by bacteria exposed to selenium with HS-SPME-GC-MS. Effect of selenite and selenium nanoparticles. <i>Talanta</i> , 2021, 224, 121907.	2.9	14
33	Title is missing!. <i>Journal of Solution Chemistry</i> , 2003, 32, 253-264.	0.6	13
34	Bioaccumulation and transformation of methylmercury and selenite using zebrafish (<i>Danio Rerio</i>) larvae as a model. <i>Talanta</i> , 2012, 89, 169-177.	2.9	13
35	Detection of exposure effects of mixtures of heavy polycyclic aromatic hydrocarbons in zebrafish embryos. <i>Journal of Applied Toxicology</i> , 2017, 37, 253-264.	1.4	13
36	A MODEL APPROACH FOR FINDING CLEANING SOLUTIONS FOR PLASTICIZED POLY(VINYL CHLORIDE) SURFACES OF COLLECTIONS OBJECTS. <i>Journal of the American Institute for Conservation</i> , 2014, 53, 236-251.	0.2	11

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37	Method for quantifying NSAIDs and clofibric acid in aqueous samples, lumpfish (<i>Cyclopterus lumpus</i>) roe, and zebrafish (<i>Danio rerio</i>) eleutheroembryos and evaluation of their bioconcentration in zebrafish eleutheroembryos. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10907-10918.	2.7	9
38	Potentiometric study of the hydrolysis of $(\text{CH}_3)\text{Hg}^+$ in NaClO_4 : construction of a thermodynamic model. <i>Applied Organometallic Chemistry</i> , 2000, 14, 499-506.	1.7	8
39	Complexation of CH_3Hg^+ with chloride, sulfate and carbonate in NaClO_4 : construction of thermodynamic models. <i>Applied Organometallic Chemistry</i> , 2002, 16, 339-346.	1.7	8
40	Evaluation of arsenic biotransformation by Iberian green frog during metamorphosis. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 178-186.	1.6	8
41	Impact of selenium co-administration on methylmercury exposed eleutheroembryos and adult zebrafish (<i>Danio rerio</i>): Changes in bioaccumulation and gene expression. <i>Chemosphere</i> , 2019, 236, 124295.	4.2	7
42	Development of a method for assessing the accumulation and metabolization of antidepressant drugs in zebrafish (<i>Danio rerio</i>) eleutheroembryos. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5169-5179.	1.9	6
43	Validation of the thermodynamic model of inorganic arsenic in non polluted river waters of the Basque country (Spain). <i>Talanta</i> , 2004, 63, 683-690.	2.9	5
44	In vivo bioconcentration of a metal mixture by <i>Danio rerio</i> eleutheroembryos. <i>Chemosphere</i> , 2018, 196, 87-94.	4.2	3
45	Toxic effects of mixtures of PAHs and mixtures of heavy metals on zebrafish larvae. <i>Toxicology Letters</i> , 2011, 205, S41-S42.	0.4	0
46	Evaluation of chromatographic columns packed with semi and fully porous particles for benzimidazoles separation. <i>Journal of Separation Science</i> , 2015, 38, 2394-2402.	1.3	0
47	Sample Treatment in Organic Compound Determination: A Green Chemistry Perspective. <i>Current Green Chemistry</i> , 2016, 3, 133-144.	0.7	0
48	Agroecología y alianzas urbano-rurales frente a la desposesión [I/II]. I. Retos, ausencias y excesos de la planificación espacial = Agroecology and urban-rural alliances against dispossession [I/II]. I. Spatial planning challenges, absences and excesses. <i>Cuadernos De Investigación Urbánica</i> , 2019, , .	0.1	0