

# Mañt© Bueno

## List of Publications by Year in descending order

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47  
papers

1,253  
citations

279487

23  
h-index

377514

34  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1194  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution and speciation of ambient selenium in contrasted soils, from mineral to organic rich. <i>Science of the Total Environment</i> , 2014, 479-480, 93-101.	3.9	106
2	Identification in human urine and blood of a novel selenium metabolite, Se-methylselenoneine, a potential biomarker of metabolization in mammals of the naturally occurring selenoneine, by HPLC coupled to electrospray hybrid linear ion trap-orbital ion trap MS. <i>Metallomics</i> , 2011, 3, 513.	1.0	72
3	Influence of the forms and levels of dietary selenium on antioxidant status and oxidative stress-related parameters in rainbow trout ( <i>Oncorhynchus mykiss</i> ) fry. <i>British Journal of Nutrition</i> , 2015, 113, 1876-1887.	1.2	71
4	Comparison of extraction procedures for arsenic speciation in environmental solid reference materials by high-performance liquid chromatography-hydride generation-atomic fluorescence spectroscopy. <i>Applied Organometallic Chemistry</i> , 2002, 16, 347-354.	1.7	61
5	Solid-phase extraction for the simultaneous preconcentration of organic (selenocystine) and inorganic [Se(IV), Se(VI)] selenium in natural waters. <i>Journal of Chromatography A</i> , 2002, 963, 185-193.	1.8	60
6	Selenium speciation analysis at trace level in soils. <i>Analytica Chimica Acta</i> , 2011, 684, 126-133.	2.6	58
7	An HPLC/ICPMS study of the stability of selenosugars in human urine: implications for quantification, sample handling, and storage. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 684-690.	1.6	44
8	Field study of time-dependent selenium partitioning in soils using isotopically enriched stable selenite tracer. <i>Science of the Total Environment</i> , 2016, 562, 280-288.	3.9	44
9	Optimisation of ICPMS collision/reaction cell conditions for the simultaneous removal of argon based interferences of arsenic and selenium in water samples. <i>Talanta</i> , 2007, 71, 2080-2084.	2.9	42
10	Effect of dietary selenium in rainbow trout ( <i>Oncorhynchus mykiss</i> ) broodstock on antioxidant status, its parental transfer and oxidative status in the progeny. <i>Aquaculture</i> , 2019, 507, 126-138.	1.7	42
11	Quantitative analysis of volatile selenium metabolites in normal urine by headspace solid phase microextraction gas chromatography-inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2009, 78, 759-763.	2.9	41
12	New approach of solid-phase microextraction improving the extraction yield of butyl and phenyltin compounds by combining the effects of pressure and type of agitation. <i>Journal of Chromatography A</i> , 2005, 1072, 19-27.	1.8	38
13	Operational optimisation of ICP-octopole collision/reaction cell-MS for applications to ultratrace selenium total and speciation determination. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 88-94.	1.6	38
14	Dynamic Sorptive Behavior of Tributyltin on Quartz Sand at Low Concentration Levels: Effect of pH, Flow Rate, and Monovalent Cations. <i>Environmental Science &amp; Technology</i> , 1998, 32, 3919-3925.	4.6	32
15	Analytical advances in butyl-, phenyl- and octyltin speciation analysis in soil by GC-PFPD. <i>Talanta</i> , 2008, 75, 486-493.	2.9	32
16	Advantages of hydride generation interface for selenium speciation in waters by high performance liquid chromatography-inductively coupled plasma mass spectrometry coupling. <i>Talanta</i> , 2008, 75, 362-368.	2.9	29
17	Extraction procedure for organotin analysis in plant matrices: optimisation and application. <i>Talanta</i> , 2002, 57, 31-43.	2.9	28
18	Sorption of tributyltin onto a natural quartz sand. <i>Journal of Colloid and Interface Science</i> , 2003, 263, 4-12.	5.0	28

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19	Kinetic degradation processes of butyl- and phenyltins in soils. <i>Chemosphere</i> , 2008, 72, 940-946.	4.2	28
20	Organotin speciation in French brandies and wines by solid-phase microextraction and gas chromatographyâ€”Pulsed flame photometric detection. <i>Journal of Chromatography A</i> , 2008, 1180, 122-130.	1.8	27
21	Evaluation of porous graphitic carbon stationary phase for simultaneous preconcentration and separation of organic and inorganic selenium species in â€œcleanâ€•water systems. <i>Journal of Chromatography A</i> , 2006, 1114, 34-39.	1.8	26
22	A new methodology involving stable isotope tracer to compare simultaneously short- and long-term selenium mobility in soils. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1221-1231.	1.9	25
23	Influence of Dietary Selenium Species on Selenoamino Acid Levels in Rainbow Trout. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6484-6492.	2.4	25
24	Influence of Se concentrations and species in hydroponic cultures on Se uptake, translocation and assimilation in non-accumulator ryegrass. <i>Plant Physiology and Biochemistry</i> , 2016, 108, 372-380.	2.8	25
25	Iodine budget in forest soils: Influence of environmental conditions and soil physicochemical properties. <i>Chemosphere</i> , 2019, 224, 20-28.	4.2	23
26	Effect of Solid Surface Composition on the Migration of Tributyltin in Groundwater. <i>Environmental Science &amp; Technology</i> , 2001, 35, 1411-1419.	4.6	20
27	Dissolved Organic Matter Controls Seasonal and Spatial Selenium Concentration Variability in Thaw Lakes across a Permafrost Gradient. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10254-10262.	4.6	20
28	Effect of selenium sources in plant-based diets on antioxidant status and oxidative stress-related parameters in rainbow trout juveniles under chronic stress exposure. <i>Aquaculture</i> , 2020, 529, 735684.	1.7	20
29	Iodine distribution and cycling in a beech ( <i>Fagus sylvatica</i> ) temperate forest. <i>Science of the Total Environment</i> , 2018, 645, 431-440.	3.9	19
30	First Time Identification of Selenoneine in Seabirds and Its Potential Role in Mercury Detoxification. <i>Environmental Science &amp; Technology</i> , 2022, 56, 3288-3298.	4.6	17
31	Stable isotope tracing: a powerful tool for selenium speciation and metabolic studies in non-hyperaccumulator plants (ryegrass <i>Lolium perenne</i> L.). <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 9029-9042.	1.9	16
32	Leaching behavior of selenium from the karst infillings of the Hydrogeological Experimental Site of Poitiers. <i>Chemical Geology</i> , 2018, 483, 141-150.	1.4	16
33	Determination of the distribution and speciation of selenium in an argillaceous sample using chemical extractions and post-extractions analyses: application to the hydrogeological experimental site of Poitiers. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9598-9613.	2.7	14
34	Selenium distribution in French forests: Influence of environmental conditions. <i>Science of the Total Environment</i> , 2021, 774, 144962.	3.9	12
35	Contribution of microbial activity to formation of organically bound chlorine during batch incubation of forest soil using <sup>37</sup> Cl as a tracer. <i>Soil Biology and Biochemistry</i> , 2016, 100, 210-217.	4.2	8
36	Cycling and atmospheric exchanges of selenium in Canadian subarctic thermokarst ponds. <i>Biogeochemistry</i> , 2019, 145, 193-211.	1.7	7

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37	Tissue localization of selenium of parental or dietary origin in rainbow trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	1.0	7
38	Study of volatile selenium metabolites stability in normal urine: effects of sample handling and storage conditions. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 602.	1.6	6
39	Atmospheric iodine, selenium and caesium depositions in France: I. Spatial and seasonal variations. <i>Chemosphere</i> , 2021, 273, 128971.	4.2	6
40	Recycling and persistence of iodine 127 and 129 in forested environments: A modelling approach. <i>Science of the Total Environment</i> , 2022, 831, 154901.	3.9	6
41	Influence of tree species on selenium and iodine partitioning in an experimental forest ecosystem. <i>Science of the Total Environment</i> , 2022, 809, 151174.	3.9	5
42	Atmospheric iodine, selenium and caesium depositions in France: II. Influence of forest canopies. <i>Chemosphere</i> , 2021, 273, 128952.	4.2	4
43	Iodine distribution and volatilization in contrasting forms of forest humus during a laboratory incubation experiment. <i>Journal of Environmental Radioactivity</i> , 2022, 248, 106872.	0.9	2
44	Deproteinization assessment using isotopically enriched compounds to trace the coprecipitation of low-molecular-weight selenium species with proteins. <i>Analytical Biochemistry</i> , 2017, 530, 9-16.	1.1	1
45	Biogeochemistry of selenium compounds in the water column of warm monomictic Lake Kinneret. <i>Biogeochemistry</i> , 0, , 1.	1.7	1
46	Selenium distribution and speciation in waters of pristine alpine lakes from central-western Pyrenees (France–Spain). <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 1430-1442.	1.7	1
47	Analyse de formes chimiques et de nanoparticules dans les échantillons d'eau: méthodes analytiques, préconcentration et validation. <i>Revue Des Sciences De L'Eau</i> , 0, 28, 27-32.	0.2	0