

Adam Sajna³g

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

438
citations

1051969

10
h-index

939365

18
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all docs

20
docs citations

20
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	LC/ICP-MS AND COMPLEMENTARY TECHNIQUES IN BESPOKE AND NONTARGETED SPECIATION ANALYSIS OF ELEMENTS IN FOOD SAMPLES. <i>Mass Spectrometry Reviews</i> , 2022, 41, 32-50.	2.8	17
2	Bioimaging of Elements in Clinical Tissues: Oral Mucosa, Arterial Walls, and Teeth, by LA-ICPMS. , 2022, , 1-18.		0
3	Association between the Concentrations of Essential and Toxic Elements in Mid-Trimester Amniotic Fluid and Fetal Chromosomal Abnormalities in Pregnant Polish Women. <i>Diagnostics</i> , 2022, 12, 979.	1.3	2
4	Multielemental speciation analysis of Cd ²⁺ , Pb ²⁺ and (CH ₃) ₃ Pb ⁺ in herb roots by HPLC/ICP-DRC-MS. Validation and application to real samples analysis. <i>Talanta Open</i> , 2022, , 100119.	1.7	3
5	Alterations of Serum Magnesium Concentration in Animal Models of Seizures and Epilepsy—The Effects of Treatment with a GPR39 Agonist and Knockout of the Gpr39 Gene. <i>Cells</i> , 2022, 11, 1987.	1.8	5
6	Bioimaging of Elements in Clinical Tissues: Oral Mucosa, Arterial Walls, and Teeth, by LA-ICPMS. , 2022, , 443-460.		0
7	A new procedure for the determination of 21 macro- and trace elements in human fetal urine using an inductively coupled plasma mass spectrometry with dynamic reaction cell (ICP-DRC-MS) equipped with a micro-flow nebulizer. <i>Talanta</i> , 2021, 222, 121672.	2.9	8
8	Chemometric approach to find relationships between physiological elements and elements causing toxic effects in herb roots by ICP-MS. <i>Scientific Reports</i> , 2021, 11, 20683.	1.6	6
9	Bioimaging of macro- and microelements in blood vessels with calcified plaque in atherosclerosis obliterans by LA-ICP-MS. <i>Microchemical Journal</i> , 2019, 150, 104090.	2.3	11
10	Total Arsenic and Arsenic Species Determination in Freshwater Fish by ICP-DRC-MS and HPLC/ICP-DRC-MS Techniques. <i>Molecules</i> , 2019, 24, 607.	1.7	22
11	Relationship between pre-pregnancy body mass index and mineral concentrations in serum and amniotic fluid in pregnant women during labor. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 52, 136-142.	1.5	10
12	Metrological approach to quantitative analysis of clinical samples by LA-ICP-MS: A critical review of recent studies. <i>Talanta</i> , 2018, 182, 92-110.	2.9	20
13	Usefulness of laser ablation ICP-MS for analysis of metallic particles released to oral mucosa after insertion of dental implants. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 46, 46-54.	1.5	10
14	Influence of stormwater runoff on macroinvertebrates in a small urban river and a reservoir. <i>Science of the Total Environment</i> , 2018, 625, 743-751.	3.9	15
15	Laser ablation-ICP-MS in search of element pattern in feathers. <i>Microchemical Journal</i> , 2017, 134, 1-8.	2.3	11
16	Multielemental analysis of 18 essential and toxic elements in amniotic fluid samples by ICP-MS: Full procedure validation and estimation of measurement uncertainty. <i>Talanta</i> , 2017, 174, 122-130.	2.9	23
17	New procedure of quantitative mapping of Ti and Al released from dental implant and Mg, Ca, Fe, Zn, Cu, Mn as physiological elements in oral mucosa by LA-ICP-MS. <i>Talanta</i> , 2017, 175, 370-381.	2.9	15
18	Study on quantitative analysis of Ti, Al and V in clinical soft tissues after placing the dental implants by laser ablation inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 125, 1-10.	1.5	8

#	ARTICLE	IF	CITATIONS
19	Chromium and its speciation in water samples by HPLC/ICP-MS “ technique establishing metrological traceability: A review since 2000. Talanta, 2015, 132, 814-828.	2.9	138
20	Over a century of detection and quantification capabilities in analytical chemistry “ Historical overview and trends. Talanta, 2014, 129, 606-616.	2.9	114