

Anna Ruszczyńska

List of Publications by Year in descending order

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37
papers

626
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623734

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docs citations

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times ranked

748
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#	ARTICLE	IF	CITATIONS
1	Bioanalytics as a Tool Supporting the Functional Food Development. , 2022, , 1-19.		0
2	Laser Ablation ICP-MS Analysis of Chemically Different Regions of Rat Prostate Gland with Implanted Cancer Cells. Applied Sciences (Switzerland), 2022, 12, 1474.	2.5	2
3	Serum metabolic profiles and metal levels of patients with multiple sclerosis and patients with neuromyelitis optica spectrum disorders - NMR spectroscopy and ICP-MS studies. Multiple Sclerosis and Related Disorders, 2022, 60, 103672.	2.0	2
4	Effect of Copper and Selenium Supplementation on the Level of Elements in Rats' Femurs under Neoplastic Conditions. Nutrients, 2022, 14, 1285.	4.1	3
5	Testing diverse strategies for ruthenium catalyst removal after aqueous homogeneous olefin metathesis. Journal of Organometallic Chemistry, 2022, 965-966, 122320.	1.8	2
6	Label-Free Mass Spectrometry-Based Proteomic Analysis in Lamb Tissues after Fish Oil, Carnosic Acid, and Inorganic Selenium Supplementation. Animals, 2022, 12, 1428.	2.3	3
7	Bioanalytics as a Tool Supporting the Functional Food Development. , 2022, , 627-645.		0
8	Zinc and Copper Brain Levels and Expression of Neurotransmitter Receptors in Two Rat ASD Models. Frontiers in Molecular Neuroscience, 2021, 14, 656740.	2.9	8
9	An Improved Methodology for Determination of Fluorine in Biological Samples Using High-Resolution Molecular Absorption Spectrometry via Gallium Fluorine Formation in a Graphite Furnace. Applied Sciences (Switzerland), 2021, 11, 5493.	2.5	6
10	Statistical evaluation of the effect of sample preparation procedure on the results of determinations of selected elements in environmental samples. Honey bees as a case study. Chemosphere, 2021, 279, 130572.	8.2	2
11	Evaluation of the influence of diet supplementation with conjugated linoleic acid isomers on elemental composition in the cardio-oncological nutritional programming rat model. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126816.	3.0	1
12	Title Changes in the Mineral Composition of Rat Femoral Bones Induced by Implantation of LNCaP Prostate Cancer Cells and Dietary Supplementation. Nutrients, 2021, 13, 100.	4.1	3
13	Key issues related to the accreditation of academic laboratories. Accreditation and Quality Assurance, 2021, 26, 285-291.	0.8	2
14	Cancer Influences the Elemental Composition of the Myocardium More Strongly than Conjugated Linoleic Acids-Chemometric Approach to Cardio-Oncological Studies. Molecules, 2021, 26, 7127.	3.8	2
15	Determination of Selenium Species in Muscle, Heart, and Liver Tissues of Lambs Using Mass Spectrometry Methods. Animals, 2020, 10, 808.	2.3	16
16	The impact of sample preparation on the elemental composition of soft tissues assessed by laser ablation ICP-MS. Journal of Analytical Atomic Spectrometry, 2020, 35, 1340-1350.	3.0	8
17	Molecular absorption and mass spectrometry for complementary analytical study of fluorinated drugs in animal organisms. Journal of Analytical Atomic Spectrometry, 2020, 35, 1840-1847.	3.0	8
18	Kairomone-like activity of bile and bile components: A step towards revealing the chemical nature of fish kairomone. Scientific Reports, 2020, 10, 7037.	3.3	8

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19	An isocyanide ligand for the rapid quenching and efficient removal of copper residues after Cu/TEMPO-catalyzed aerobic alcohol oxidation and atom transfer radical polymerization. <i>Chemical Science</i> , 2020, 11, 4251-4262.	7.4	23
20	Methodological aspects concerning sampling and determination of total selenium and selenium species in geothermal waters. <i>Bulletin of Geography, Physical Geography Series</i> , 2020, 18, 5-16.	0.6	6
21	Noncovalent Immobilization of Cationic Ruthenium Complex in a Metal-Organic Framework by Ion Exchange Leading to a Heterogeneous Olefin Metathesis Catalyst for Use in Green Solvents. <i>Organometallics</i> , 2019, 38, 3397-3405.	2.3	23
22	ICP-MS analysis of diet supplementation influence on the elemental content of rat prostate gland. <i>Monatshefte für Chemie</i> , 2019, 150, 1681-1690.	1.8	7
23	Semiheterogeneous Purification Protocol for the Removal of Ruthenium Impurities from Olefin Metathesis Reaction Products Using an Isocyanide Scavenger. <i>Organic Process Research and Development</i> , 2019, 23, 836-844.	2.7	22
24	Highly efficient and time economical purification of olefin metathesis products from metal residues using an isocyanide scavenger. <i>Green Chemistry</i> , 2018, 20, 1280-1289.	9.0	33
25	Seleno-compounds and Carnosic Acid Added to Diets with Rapeseed and Fish Oils Affect Concentrations of Selected Elements and Chemical Composition in the Liver, Heart and Muscles of Lambs. <i>Biological Trace Element Research</i> , 2018, 184, 378-390.	3.5	11
26	Investigation of biotransformation of selenium in plants using spectrometric methods. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 130, 7-16.	2.9	30
27	NO-Dependent programmed cell death is involved in the formation of Zn-related lesions in tobacco leaves. <i>Metallomics</i> , 2017, 9, 924-935.	2.4	9
28	Tetrabromobisphenol A disturbs zinc homeostasis in cultured cerebellar granule cells: A dual role in neurotoxicity. <i>Food and Chemical Toxicology</i> , 2017, 109, 363-375.	3.6	11
29	Anti-mycobacterial activity of thymine derivatives bearing boron clusters. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 71-81.	5.5	28
30	Determination the Usefulness of AhHMA4p1::AhHMA4 Expression in Biofortification Strategies. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 186.	2.4	4
31	The ratio of Zn to Cd supply as a determinant of metal-homeostasis gene expression in tobacco and its modulation by overexpressing the metal exporter AtHMA4. <i>Journal of Experimental Botany</i> , 2016, 67, 6201-6214.	4.8	38
32	Bio-transformation of selenium in Se-enriched bacterial strains of <i>Lactobacillus casei</i> . <i>Roczniki Panstwowego Zakladu Higieny</i> , 2016, 67, 253-62.	0.7	15
33	Expression of HvHMA2 in tobacco modifies Zn-Fe-Cd homeostasis. <i>Journal of Plant Physiology</i> , 2013, 170, 1176-1186.	3.5	40
34	Development of Zn-related necrosis in tobacco is enhanced by expressing AtHMA4 and depends on the apoplastic Zn levels. <i>Plant, Cell and Environment</i> , 2013, 36, 1093-1104.	5.7	40
35	Metal response of transgenic tomato plantsexpressing P _{1B} -ATPase. <i>Physiologia Plantarum</i> , 2012, 145, 315-331.	5.2	45
36	Ectopic expression of Arabidopsis ABC transporter MRP7 modifies cadmium root-to-shoot transport and accumulation. <i>Environmental Pollution</i> , 2009, 157, 2781-2789.	7.5	113

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37	Elimination of interferences in determination of platinum and palladium in environmental samples by inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 564, 236-242.	5.4	52