

Pavel DiviÅ;

List of Publications by Year in descending order

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papers

571
citations

687363

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docs citations

33
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of diffusive gradient in thin films technique (DGT) to measurement of mercury in aquatic systems. <i>Talanta</i> , 2005, 65, 1174-1178.	5.5	126
2	High-resolution profiles of trace metals in the pore waters of riverine sediment assessed by DET and DGT. <i>Science of the Total Environment</i> , 2006, 362, 266-277.	8.0	65
3	Mercury depth profiles in river and marine sediments measured by the diffusive gradients in thin films technique with two different specific resins. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1715-1719.	3.7	50
4	Use of the diffusive gradients in thin films technique to evaluate (bio)available trace metal concentrations in river water. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2239-2244.	3.7	36
5	Synergistic Effect of Chitosan and Selenium Nanoparticles on Biodegradation and Antibacterial Properties of Collagenous Scaffolds Designed for Infected Burn Wounds. <i>Nanomaterials</i> , 2020, 10, 1971.	4.1	34
6	The effect of coffee beans roasting on its chemical composition. <i>Potravinárstvo</i> , 2019, 13, 344-350.	0.6	28
7	Application of New Resin Gels for Measuring Mercury by Diffusive Gradients in a Thin-films Technique. <i>Analytical Sciences</i> , 2009, 25, 575-578.	1.6	25
8	Determination of trace amounts of total dissolved cationic aluminium species in environmental samples by solid phase extraction using nanometer-sized titanium dioxide and atomic spectrometry techniques. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1473-1479.	3.5	20
9	Evaluation of Various Inorganic and Biological Extraction Techniques Suitability for Soil Mercury Phytoavailable Fraction Assessment. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	18
10	Validation of SPME-GC-FID Method for Determination of Fragrance Allergens in Selected Cosmetic Products. <i>Acta Chromatographica</i> , 2015, 27, 509-523.	1.3	18
11	Basic nutritional properties of cornelian cherry (<i>Cornus mas</i> L.) cultivars grown in the Czech Republic. <i>Acta Alimentaria</i> , 2015, 44, 357-364.	0.7	18
12	Gadolinium labelled nanoliposomes as the platform for MRI theranostics: in vitro safety study in liver cells and macrophages. <i>Scientific Reports</i> , 2020, 10, 4780.	3.3	15
13	Simultaneous determination of mercury, cadmium and lead in fish sauce using Diffusive Gradients in Thin-films technique. <i>Talanta</i> , 2020, 217, 121059.	5.5	15
14	Elemental composition of fruits from different Black elder (<i>Sambucus nigra</i> L.) cultivars grown in the Czech Republic. <i>Journal of Elementology</i> , 2015, , .	0.2	14
15	The Effect of Boron and its Compounds on Setting of Portland Cement. <i>Advanced Materials Research</i> , 0, 1000, 16-19.	0.3	10
16	Cysteine-modified silica resin in DGT samplers for mercury and trace metals assessment. <i>Chemosphere</i> , 2021, 263, 128320.	8.2	9
17	Determination of Mercury in Fish Sauces by Thermal Decomposition Gold Amalgamation Atomic Absorption Spectroscopy after Preconcentration by Diffusive Gradients in Thin Films Technique. <i>Foods</i> , 2020, 9, 1858.	4.3	8
18	Study of the influence of brewing water on selected analytes in beer. <i>Potravinárstvo</i> , 2019, 13, 507-514.	0.6	8

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19	Mercury Distribution in the DeÅ»le River (Northern France) Measured by the Diffusive Gradients in Thin Films Technique and Conventional Methods. Archives of Environmental Contamination and Toxicology, 2016, 70, 700-709.	4.1	7
20	Characterization of sorption gels used for determination of mercury in aquatic environment by diffusive gradients in thin films technique. Open Chemistry, 2010, 8, 1105-1109.	1.9	5
21	Silver Nanoparticles Production with Probiotic Bacteria. Materials Science Forum, 0, 851, 32-36.	0.3	5
22	Increased Colloidal Stability and Decreased Solubilityâ€”Solâ€”Gel Synthesis of Zinc Oxide Nanoparticles with Humic Acids. Journal of Nanoscience and Nanotechnology, 2019, 19, 3024-3030.	0.9	5
23	Fruit Characteristics of Different Varieties of Cornelian Cherry (Cornus masÂĽ.) Cultivated in the Czech Republic. Erwerbs-Obstbau, 2021, 63, 143-149.	1.3	5
24	Determination of tin, chromium, cadmium and lead in canned fruits from the Czech market. Potravinarstvo, 2017, 11, .	0.6	5
25	The quality of ketchups from the Czech Republic's market in terms of their physico-chemical properties. Potravinarstvo, 2018, 12, 233-240.	0.6	5
26	The effect of hydroxyapatite particle size on viscoelastic properties and calcium release from a thermosensitive triblock copolymer. Colloid and Polymer Science, 2017, 295, 107-115.	2.1	3
27	Characteristics of Paprika samples of different geographical origin. Potravinarstvo, 2018, 12, .	0.6	3
28	Simultaneous determination of sweeteners and preservatives in beverages by HPLC-DAD-ELSD. Potravinarstvo, 0, 14, 881-886.	0.6	3
29	Comparison of chemical composition of eggs from laying hens housed in different production facilities: a market study. Potravinarstvo, 2019, 13, 402-407.	0.6	2
30	Elemental analysis as a tool for classification of Czech white wines with respect to grapevine varieties. Journal of Elementology, 2018, , .	0.2	1
31	5th Meeting on Chemistry & Life 2011. Chemical Papers, 2012, 66, .	2.2	0