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List of Publications by Year
in descending order

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31 papers	571 citations	687363 13 h-index	642732 23 g-index
33 all docs	33 docs citations	33 times ranked	749 citing authors

#	Article	IF	Citations
1	Cysteine-modified silica resin in DGT samplers for mercury and trace metals assessment. Chemosphere, 2021, 263, 128320.	8.2	9
2	Fruit Characteristics of Different Varieties of Cornelian Cherry (Cornus masÂL.) Cultivated in the Czech Republic. Erwerbs-Obstbau, 2021, 63, 143-149.	1.3	5
3	Synergistic Effect of Chitosan and Selenium Nanoparticles on Biodegradation and Antibacterial Properties of Collagenous Scaffolds Designed for Infected Burn Wounds. Nanomaterials, 2020, 10, 1971.	4.1	34
4	Determination of Mercury in Fish Sauces by Thermal Decomposition Gold Amalgamation Atomic Absorption Spectroscopy after Preconcentration by Diffusive Gradients in Thin Films Technique. Foods, 2020, 9, 1858.	4.3	8
5	Gadolinium labelled nanoliposomes as the platform for MRI theranostics: in vitro safety study in liver cells and macrophages. Scientific Reports, 2020, 10, 4780.	3.3	15
6	Simultaneous determination of mercury, cadmium and lead in fish sauce using Diffusive Gradients in Thin-films technique. Talanta, 2020, 217, 121059.	5.5	15
7	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
8	Study of the influence of brewing water on selected analytes in beer. Potravinarstvo, 2019, 13, 507-514.	0.6	8
9	The effect of coffee beans roasting on its chemical composition. Potravinarstvo, 2019, 13, 344-350.	0.6	28
10	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
11	Characteristics of Paprika samples of different geographical origin. Potravinarstvo, 2018, 12, .	0.6	3
12	Elemental analysis as aÂtool for classification of Czech white wines with respect to grapevine varieties. Journal of Elementology, 2018, , .	0.2	1
13	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
14	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
15	Determination of tin, chromium, cadmium and lead in canned fruits from the Czech market. Potravinarstvo, 2017, 11, .	0.6	5
16	Mercury Distribution in the DeÃ»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
17	Evaluation of Various Inorganic and Biological Extraction Techniques Suitability for Soil Mercury Phytoavailable Fraction Assessment. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	18
18	Validation of SPME-GC-FID Method for Determination of Fragrance Allergens in Selected Cosmetic Products. Acta Chromatographica, 2015, 27, 509-523.	1.3	18

#	Article	IF	Citations
19	Basic nutritional properties of cornelian cherry (Cornus masL.) cultivars grown in the Czech Republic. Acta Alimentaria, 2015, 44, 357-364.	0.7	18
20	Elemental composition of fruits from different Black elder (Sambucus nigra L.) cultivars grown in the Czech Republic. Journal of Elementology, 2015, , .	0.2	14
21	5th Meeting on Chemistry & Life 2011. Chemical Papers, 2012, 66, .	2.2	0
22	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
23	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. Journal of Inorganic Biochemistry, 2009, 103, 1473-1479.	3.5	20
24	Application of New Resin Gels for Measuring Mercury by Diffusive Gradients in a Thin-films Technique. Analytical Sciences, 2009, 25, 575-578.	1.6	25
25	Use of the diffusive gradients in thin films technique to evaluate (bio)available trace metal concentrations in river water. Analytical and Bioanalytical Chemistry, 2007, 387, 2239-2244.	3.7	36
26	High-resolution profiles of trace metals in the pore waters of riverine sediment assessed by DET and DGT. Science of the Total Environment, 2006, 362, 266-277.	8.0	65
27	Mercury depth profiles in river and marine sediments measured by the diffusive gradients in thin films technique with two different specific resins. Analytical and Bioanalytical Chemistry, 2005, 382, 1715-1719.	3.7	50
28	Application of diffusive gradient in thin films technique (DGT) to measurement of mercury in aquatic systems. Talanta, 2005, 65, 1174-1178.	5.5	126
29	The Effect of Boron and its Compounds on Setting of Portland Cement. Advanced Materials Research, 0, 1000, 16-19.	0.3	10
30	Silver Nanoparticles Production with Probiotic Bacteria. Materials Science Forum, 0, 851, 32-36.	0.3	5
31	Simultaneous determination of sweeteners and preservatives in beverages by HPLC-DAD-ELSD. Potravinarstvo, 0, 14, 881-886.	0.6	3