

MaÅ,gorzata Korbas

List of Publications by Year in descending order

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Fates of Organometallic Mercury in Human Brain. ACS Chemical Neuroscience, 2022, 13, 1756-1768.	1.7	12
2	A multidimensional concept for mercury neuronal and sensory toxicity in fish - From toxicokinetics and biochemistry to morphometry and behavior. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 129298.	1.1	36
3	Review of Canadian Light Source facilities for biological applications. Nuclear Instruments & Methods in Physics Research B, 2017, 411, 17-21.	0.6	7
4	Cell Wall Biomolecular Composition Plays a Potential Role in the Host Type II Resistance to Fusarium Head Blight in Wheat. Frontiers in Microbiology, 2016, 7, 910.	1.5	33
5	The role of melano-macrophage aggregates in the storage of mercury and other metals: An example from yelloweye rockfish (<i>Sebastes ruberrimus</i>). Environmental Toxicology and Chemistry, 2015, 34, 1918-1925.	2.2	32
6	Phenylthiourea alters toxicity of mercury compounds in zebrafish larvae. Journal of Inorganic Biochemistry, 2015, 151, 10-17.	1.5	18
7	Interaction of mercury and selenium in the larval stage zebrafish vertebrate model. Metallomics, 2015, 7, 1247-1255.	1.0	34
8	Target Organ Specific Activity of Drosophila MRP (ABCC1) Moderates Developmental Toxicity of Methylmercury. Toxicological Sciences, 2014, 140, 425-435.	1.4	28
9	Elemental and Chemically Specific X-ray Fluorescence Imaging of Biological Systems. Chemical Reviews, 2014, 114, 8499-8541.	23.0	234
10	Methylmercury Targets Photoreceptor Outer Segments. ACS Chemical Biology, 2013, 8, 2256-2263.	1.6	40
11	Chemical Form Matters: Differential Accumulation of Mercury Following Inorganic and Organic Mercury Exposures in Zebrafish Larvae. ACS Chemical Biology, 2012, 7, 411-420.	1.6	83
12	The chemical forms of mercury and selenium in whale skeletal muscle. Metallomics, 2011, 3, 1232.	1.0	25
13	Dynamic accumulation and redistribution of methylmercury in the lens of developing zebrafish embryos and larvae. Journal of Biological Inorganic Chemistry, 2010, 15, 1137-1145.	1.1	30
14	The Chemical Nature of Mercury in Human Brain Following Poisoning or Environmental Exposure. ACS Chemical Neuroscience, 2010, 1, 810-818.	1.7	168
15	Molybdenum Induces the Expression of a Protein Containing a New Heterometallic Mo-Fe Cluster in <i>Desulfovibrio alaskensis</i> . Biochemistry, 2009, 48, 873-882.	1.2	25
16	A possible molecular link between the toxicological effects of arsenic, selenium and methylmercury: methylmercury(II) seleno bis(S-glutathionyl) arsenic(III). Journal of Biological Inorganic Chemistry, 2008, 13, 461-470.	1.1	30
17	Comparison of iodine K-edge subtraction and fluorescence subtraction imaging in an animal system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 283-291.	0.7	4
18	Localizing organomercury uptake and accumulation in zebrafish larvae at the tissue and cellular level. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12108-12112.	3.3	129

#	ARTICLE	IF	CITATIONS
19	Chapter 5 Inorganic Molecular Toxicology and Chelation Therapy of Heavy Metals and Metalloids. <i>Advances in Molecular Toxicology</i> , 2008, 2, 123-152.	0.4	9
20	Interaction of Potassium Cyanide with the [Ni-4Fe-5S] Active Site Cluster of CO Dehydrogenase from <i>Carboxydotherrmus hydrogenoformans</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 10639-10646.	1.6	45
21	Sulfur X-ray Absorption Spectroscopy of Living Mammalian Cells: An Enabling Tool for Sulfur Metabolomics. In Situ Observation of Uptake of Taurine into MDCK Cells. <i>Biochemistry</i> , 2007, 46, 14735-14741.	1.2	24
22	Reversed-phase high-performance liquid chromatographic separation of inorganic mercury and methylmercury driven by their different coordination chemistry towards thiols. <i>Journal of Chromatography A</i> , 2007, 1156, 331-339.	1.8	37
23	Solution structure of the partially folded high-risk human papilloma virus 45 oncoprotein E7. <i>Oncogene</i> , 2006, 25, 5953-5959.	2.6	101
24	The Iron-Sulfur Cluster-free Hydrogenase (Hmd) Is a Metalloenzyme with a Novel Iron Binding Motif. <i>Journal of Biological Chemistry</i> , 2006, 281, 30804-30813.	1.6	134
25	KEMP: A program script for automated biological x-ray absorption spectroscopy data reduction. <i>Review of Scientific Instruments</i> , 2006, 77, 063105.	0.6	28
26	Bone tissue incorporates in vitro gallium with a local structure similar to gallium-doped brushite. <i>Journal of Biological Inorganic Chemistry</i> , 2004, 9, 67-76.	1.1	25
27	Application of EDXRF to the assessment of aortic valve mineralization. <i>X-Ray Spectrometry</i> , 2001, 30, 393-396.	0.9	3
28	Micro-PIXE studies on gallium incorporation in mineralized tissue. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2001, 181, 529-532.	0.6	3
29	Microprobe studies of inorganic deposits in the aortic wall. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2000, 161-163, 887-893.	0.6	3