BalÃ¡zs NÃ©meti

List of Publications by Year
in descending order

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23	719	567281 15	677142 22
papers	citations	h-index	g-index

23	23	23	776
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complex Formation of Resorufin and Resazurin with Î²-Cyclodextrins: Can Cyclodextrins Interfere with a Resazurin Cell Viability Assay?. Molecules, 2018, 23, 382.	3.8	26
2	Effects of phosphate binders on the gastrointestinal absorption of arsenate and of an SGLT2 inhibitor drug on the urinary excretion of arsenite in mice. Environmental Toxicology and Pharmacology, 2017, 49, 179-187.	4.0	0
3	Reduction of the Pentavalent Arsenical Dimethylarsinic Acid and the GSTO1 Substrate S-(4-Nitrophenacyl)glutathione by Rat Liver Cytosol: Analyzing the Role of GSTO1 in Arsenic Reduction. Chemical Research in Toxicology, 2015, 28, 2199-2209.	3.3	7
4	PARP1- and CTCF-Mediated Interactions between Active and Repressed Chromatin at the Lamina Promote Oscillating Transcription. Molecular Cell, 2015, 59, 984-997.	9.7	120
5	A high-performance liquid chromatography-based assay of glutathione transferase omega 1 supported by glutathione or non-physiological reductants. Analytical Biochemistry, 2015, 469, 12-18.	2.4	6
6	Reduction of Dimethylarsinic Acid to the Highly Toxic Dimethylarsinous Acid by Rats and Rat Liver Cytosol. Chemical Research in Toxicology, 2013, 26, 432-443.	3.3	25
7	Glutathione synthetase promotes the reduction of arsenate via arsenolysis of glutathione. Biochimie, 2012, 94, 1327-1333.	2.6	16
8	The mechanism of the polynucleotide phosphorylase-catalyzed arsenolysis of ADP. Biochimie, 2011, 93, 624-627.	2.6	7
9	Polynucleotide Phosphorylase and Mitochondrial ATP Synthase Mediate Reduction of Arsenate to the More Toxic Arsenite by Forming Arsenylated Analogues of ADP and ATP. Toxicological Sciences, 2010, 117, 270-281.	3.1	45
10	Mechanism of Thiol-Supported Arsenate Reduction Mediated by Phosphorolytic-Arsenolytic Enzymes. Toxicological Sciences, 2009, 110, 282-292.	3.1	38
11	Mechanism of Thiol-Supported Arsenate Reduction Mediated by Phosphorolytic-Arsenolytic Enzymes. Toxicological Sciences, 2009, 110, 270-281.	3.1	20
12	Glutathione-supported arsenate reduction coupled to arsenolysis catalyzed by ornithine carbamoyl transferase. Toxicology and Applied Pharmacology, 2009, 239, 154-161.	2.8	7
13	Glutathione-Dependent Reduction of Arsenate by Glycogen Phosphorylaseâ€"A Reaction Coupled to Glycogenolysis. Toxicological Sciences, 2007, 100, 36-43.	3.1	19
14	Glutathione-Dependent Reduction of Arsenate by Glycogen Phosphorylaseâ€"Responsiveness to Endogenous and Xenobiotic Inhibitors. Toxicological Sciences, 2007, 100, 44-53.	3.1	11
15	Effect of an Inactivator of Glyceraldehyde-3-Phosphate Dehydrogenase, a Fortuitous Arsenate Reductase, on Disposition of Arsenate in Rats. Toxicological Sciences, 2006, 90, 49-60.	3.1	10
16	The Glycolytic Enzyme Glyceraldehyde-3-Phosphate Dehydrogenase Works as an Arsenate Reductase in Human Red Blood Cells and Rat Liver Cytosol. Toxicological Sciences, 2005, 85, 859-869.	3.1	49
17	Reduction of Arsenate to Arsenite by Human Erythrocyte Lysate and Rat Liver Cytosol â€“ Characterization of a Glutathione- and NAD-Dependent Arsenate Reduction Linked to Glycolysis. Toxicological Sciences, 2005, 85, 847-858.	3.1	24
18	Glutathione-Dependent Reduction of Arsenate in Human Erythrocytes–a Process Independent of Purine Nucleoside Phosphorylase. Toxicological Sciences, 2004, 82, 419-428.	3.1	28

#	Article	IF	Citations
19	Dose-dependent biotransformation of arsenite in ratsâ€"not S-adenosylmethionine depletion impairs arsenic methylation at high dose. Toxicology, 2003, 183, 77-91.	4.2	60
20	Arsenate Reduction in Human Erythrocytes and Rats--Testing the Role of Purine Nucleoside Phosphorylase. Toxicological Sciences, 2003, 74, 22-31.	3.1	41
21	Reduction of Arsenate to Arsenite in Hepatic Cytosol. Toxicological Sciences, 2002, 70, 4-12.	3.1	48
22	Purine Nucleoside Phosphorylase as a Cytosolic Arsenate Reductase. Toxicological Sciences, 2002, 70, 13-19.	3.1	71
23	Mitochondria Work as Reactors in Reducing Arsenate to Arsenite. Toxicology and Applied Pharmacology, 2002, 182, 208-218.	2.8	41