

Elena A Belyaeva

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

824
citations

687220

13
h-index

642610

23
g-index

25
all docs

25
docs citations

25
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitigating effect of paxilline against injury produced by Cd ²⁺ in rat pheochromocytoma PC12 and ascites hepatoma AS-30D cells. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110519.	2.9	1
2	Cd ²⁺ -promoted mitochondrial permeability transition: a comparison with other heavy metals.. <i>Acta Biochimica Polonica</i> , 2019, 51, 545-551.	0.3	56
3	Respiratory complex II in mitochondrial dysfunction-mediated cytotoxicity: Insight from cadmium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 80-92.	1.5	14
4	The effect of modulators of large-conductance Ca ²⁺ -modulated K ⁺ channels on rat AS-30D ascites hepatoma cells and isolated liver mitochondria treated with Cd ²⁺ . <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2015, 51, 259-270.	0.2	3
5	On the Mechanism(s) of Membrane Permeability Transition in Liver Mitochondria of Lamprey, <i>Lampetra fluviatilis</i> L.: Insights from Cadmium. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	7
6	Effect of diazoxide on AS-30D rat ascites hepatoma cells treated by Cd ²⁺ . <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2013, 49, 489-497.	0.2	4
7	Cd(2+)-induced injury of rat ascites hepatoma AS-30D cells: A possible involvement of Ca(2+)-activated large-conductance potassium channels. <i>Mitochondrion</i> , 2013, 13, 927.	1.6	1
8	Mitochondrial Electron Transport Chain in Heavy Metal-Induced Neurotoxicity: Effects of Cadmium, Mercury, and Copper. <i>Scientific World Journal</i> , The, 2012, 2012, 1-14.	0.8	116
9	In vitro modulation of heavy metal-induced rat liver mitochondria dysfunction: A comparison of copper and mercury with cadmium. <i>Journal of Trace Elements in Medicine and Biology</i> , 2011, 25, S63-S73.	1.5	75
10	Mechanism(s) of Toxic Action of Zn ²⁺ and Selenite: A Study on AS-30D Hepatoma Cells and Isolated Mitochondria. <i>Biochemistry Research International</i> , 2011, 2011, 1-13.	1.5	13
11	Stigmatellin as a modulator of metal-induced inner mitochondrial membrane permeabilization. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 79.	0.5	0
12	Mitochondrial respiratory chain inhibitors modulate the metal-induced inner mitochondrial membrane permeabilization.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.3	12
13	Mitochondrial respiratory chain inhibitors modulate the metal-induced inner mitochondrial membrane permeabilization. <i>Acta Biochimica Polonica</i> , 2010, 57, 435-41.	0.3	6
14	Dependence of transport of sodium and potassium ions across the cell membrane on energy metabolism in oocytes of the lamprey <i>Lampetra fluviatilis</i> . <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2008, 44, 373-375.	0.2	1
15	Mitochondria as an important target in heavy metal toxicity in rat hepatoma AS-30D cells. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 34-42.	1.3	119
16	Peculiarities of functioning of liver mitochondria of the river lamprey <i>Lampetra fluviatilis</i> and the common frog <i>Rana temporaria</i> at periods of suppression and activation of energy metabolism. <i>Journal of Evolutionary Biochemistry and Physiology</i> , 2007, 43, 564-572.	0.2	7
17	Reactive oxygen species produced by the mitochondrial respiratory chain are involved in Cd ²⁺ -induced injury of rat ascites hepatoma AS-30D cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1568-1574.	0.5	60
18	Bioenergetic parameters of lamprey and frog liver mitochondria during metabolic depression and activity. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006, 145, 296-305.	0.7	20

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19	Cd ²⁺ versus Ca ²⁺ -produced mitochondrial membrane permeabilization: a proposed direct participation of respiratory complexes I and III. <i>Chemico-Biological Interactions</i> , 2004, 150, 253-270.	1.7	35
20	Mechanism of primary Cd ²⁺ -induced rat liver mitochondria dysfunction: discrete modes of Cd ²⁺ action on calcium and thiol-dependent domains. <i>Toxicology and Applied Pharmacology</i> , 2003, 192, 56-68.	1.3	65
21	Cyclosporin A-sensitive permeability transition pore is involved in Cd ²⁺ -induced dysfunction of isolated rat liver mitochondria: doubts no more. <i>Archives of Biochemistry and Biophysics</i> , 2002, 405, 252-264.	1.4	68
22	Bivalent metal ions modulate Cd ²⁺ effects on isolated rat liver mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2001, 33, 303-318.	1.0	50
23	Photomodification of Mitochondrial Proteins by Azido Fatty Acids and Its Effect on Mitochondrial Energetics. Further Evidence for the Role of the ADP/ATP Carrier in Fatty-Acid-Mediated Uncoupling. <i>FEBS Journal</i> , 1996, 240, 387-393.	0.2	44
24	A comparative study on the system of active transport of organic acids in Malpighian tubules of insects. <i>Journal of Insect Physiology</i> , 1990, 36, 259-270.	0.9	43
25	A comparative study on the system of active transport of organic acids in malpighian tubules of the tropical cockroach, <i>Blaberus giganteus</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 80, 393-397.	0.7	4