

Stepana Boukalova

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

586
citations

933447

10
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactivation of Dihydroorotate Dehydrogenase-Driven Pyrimidine Biosynthesis Restores Tumor Growth of Respiration-Deficient Cancer Cells. <i>Cell Metabolism</i> , 2019, 29, 399-416.e10.	16.2	190
2	Dihydroorotate dehydrogenase in oxidative phosphorylation and cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165759.	3.8	73
3	Conserved Residues within the Putative S4â€S5 Region Serve Distinct Functions among Thermosensitive Vanilloid Transient Receptor Potential (TRPV) Channels. <i>Journal of Biological Chemistry</i> , 2010, 285, 41455-41462.	3.4	68
4	Mitochondrial Targeting of Metformin Enhances Its Activity against Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2875-2886.	4.1	65
5	Alternative assembly of respiratory complex II connects energy stress to metabolic checkpoints. <i>Nature Communications</i> , 2018, 9, 2221.	12.8	44
6	Amplified Cold Transduction in Native Nociceptors by M-Channel Inhibition. <i>Journal of Neuroscience</i> , 2013, 33, 16627-16641.	3.6	37
7	Replication and ribosomal stress induced by targeting pyrimidine synthesis and cellular checkpoints suppress p53-deficient tumors. <i>Cell Death and Disease</i> , 2020, 11, 110.	6.3	27
8	Germline <i>SUCLG2</i> Variants in Patients With Pheochromocytoma and Paraganglioma. <i>Journal of the National Cancer Institute</i> , 2022, 114, 130-138.	6.3	21
9	Protons stabilize the closed conformation of gain-of-function mutants of the TRPV1 channel. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 520-528.	4.1	19
10	SMAD4 loss limits the vulnerability of pancreatic cancer cells to complex I inhibition via promotion of mitophagy. <i>Oncogene</i> , 2021, 40, 2539-2552.	5.9	18
11	Heme oxygenase is not involved in the anti-proliferative effects of statins on pancreatic cancer cells. <i>BMC Cancer</i> , 2016, 16, 309.	2.6	6
12	Mitocans: Mitochondrially Targeted Anti-cancer Drugs. , 2018, , 613-635.		6
13	Mitochondrial DNA Affects the Expression of Nuclear Genes Involved in Immune and Stress Responses in a Breast Cancer Model. <i>Frontiers in Physiology</i> , 2020, 11, 543962.	2.8	6
14	The human transient receptor potential vanilloid 3 channel is sensitized via the ERK pathway. <i>Journal of Biological Chemistry</i> , 2017, 292, 21083-21091.	3.4	4
15	Mechanisms of resistance to mitochondria-targeted therapy in pancreatic cancer. <i>Oncotarget</i> , 2021, 12, 1627-1628.	1.8	1
16	A simple indirect colorimetric assay for measuring mitochondrial energy metabolism based on uncoupling sensitivity. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100858.	1.3	0
17	Novel Germline <i>SUCLG2</i> Mutations in Patients With Pheochromocytoma and Paraganglioma. <i>Journal of the Endocrine Society</i> , 2021, 5, A168-A169.	0.2	0