Zulfiya Orynbayeva

List of Publications by Year
in descending order

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22 papers	863 citations	687363 13 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	1796 citing authors

#	Article	IF	Citations
1	Mitochondria membrane transformations in colon and prostate cancer and their biological implications. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183471.	2.6	8
2	Curcumin and Carnosic Acid Cooperate to Inhibit Proliferation and Alter Mitochondrial Function of Metastatic Prostate Cancer Cells. Antioxidants, 2021, 10, 1591.	5.1	12
3	Malateâ€“aspartate shuttle promotes <scp>l</scp>â€lactate oxidation in mitochondria. Journal of Cellular Physiology, 2020, 235, 2569-2581.	4.1	17
4	Mitochondrial responses to organelle-specific drug delivering nanoparticles composed of polypeptide and peptide complexes. Nanomedicine, 2020, 15, 2917-2932.	3.3	2
5	Cardiolipin mediates curcumin interactions with mitochondrial membranes. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 75-82.	2.6	11
6	Determination of mitochondrial metabolic phenotype through investigation of the intrinsic inhibition of succinate dehydrogenase. Analytical Biochemistry, 2018, 552, 30-37.	2.4	17
7	Perfusion double-channel micropipette probes for oxygen flux mapping with single-cell resolution. Beilstein Journal of Nanotechnology, 2018, 9, 850-860.	2.8	1
8	Rapamycin increases oxidative metabolism and enhances metabolic flexibility in human cardiac fibroblasts. GeroScience, 2018, 40, 243-256.	4.6	43
9	Artefactual formation of pyruvate from inâ€source conversion of lactate. Rapid Communications in Mass Spectrometry, 2018, 32, 1163-1168.	1.5	6
10	Respirometric reserve capacity of cumulus cell mitochondria correlates with oocyte maturity. Journal of Assisted Reproduction and Genetics, 2018, 35, 1821-1830.	2.5	6
11	Danazol alters mitochondria metabolism of fibrocystic breast Mcf10A cells. Breast, 2017, 35, 55-62.	2.2	0
12	Mitochondria-Mediated Anticancer Effects of Non-Thermal Atmospheric Plasma. PLoS ONE, 2016, 11, e0156818.	2.5	22
13	Metabolic and structural integrity of magnetic nanoparticle-loaded primary endothelial cells for targeted cell therapy. Nanomedicine, 2015, 10, 1555-1568.	3.3	15
14	Fatty Acids in Energy Metabolism of the Central Nervous System. BioMed Research International, 2014, 2014, 1-22.	1.9	132
15	One-dimensional nanoprobes for single-cell studies. Nanomedicine, 2014, 9, 153-168.	3.3	15
16	The anti-cancer peptide, PNC-27, induces tumor cell necrosis of a poorly differentiated non-solid tissue human leukemia cell line that depends on expression of HDM-2 in the plasma membrane of these cells. Annals of Clinical and Laboratory Science, 2014, 44, 241-8.	0.2	7
17	Bioenergetic and Antiapoptotic Properties of Mitochondria from Cultured Human Prostate Cancer Cell Lines PC-3, DU145 and LNCaP. PLoS ONE, 2013, 8, e72078.	2.5	46
18	Physiological validation of cell health upon probing with carbon nanotube endoscope and its benefit for single-cell interrogation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 590-598.	3.3	19

#	Article	IF	Citations
19	Nanoprobes for intracellular and single cell surfaceâ€enhanced Raman spectroscopy (SERS). Journal of Raman Spectroscopy, 2012, 43, 817-827.	2.5	64
20	Multifunctional carbon-nanotube cellular endoscopes. Nature Nanotechnology, 2011, 6, 57-64.	31.5	214
21	Small diameter carbon nanopipettes. Nanotechnology, 2010, 21, 015304.	2.6	69
22	In Situ Intracellular Spectroscopy with Surface Enhanced Raman Spectroscopy (SERS)-Enabled Nanopipettes. ACS Nano, 2009, 3, 3529-3536.	14.6	137