

# Zulfiya Orynbayeva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5937354/publications.pdf>

Version: 2024-02-01

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	Multifunctional carbon-nanotube cellular endoscopes. <i>Nature Nanotechnology</i> , 2011, 6, 57-64.	31.5	214
2	<i>In Situ</i> Intracellular Spectroscopy with Surface Enhanced Raman Spectroscopy (SERS)-Enabled Nanopipettes. <i>ACS Nano</i> , 2009, 3, 3529-3536.	14.6	137
3	Fatty Acids in Energy Metabolism of the Central Nervous System. <i>BioMed Research International</i> , 2014, 2014, 1-22.	1.9	132
4	Small diameter carbon nanopipettes. <i>Nanotechnology</i> , 2010, 21, 015304.	2.6	69
5	Nanoprobes for intracellular and single cell surface-enhanced Raman spectroscopy (SERS). <i>Journal of Raman Spectroscopy</i> , 2012, 43, 817-827.	2.5	64
6	Bioenergetic and Antiapoptotic Properties of Mitochondria from Cultured Human Prostate Cancer Cell Lines PC-3, DU145 and LNCaP. <i>PLoS ONE</i> , 2013, 8, e72078.	2.5	46
7	Rapamycin increases oxidative metabolism and enhances metabolic flexibility in human cardiac fibroblasts. <i>GeroScience</i> , 2018, 40, 243-256.	4.6	43
8	Mitochondria-Mediated Anticancer Effects of Non-Thermal Atmospheric Plasma. <i>PLoS ONE</i> , 2016, 11, e0156818.	2.5	22
9	Physiological validation of cell health upon probing with carbon nanotube endoscope and its benefit for single-cell interrogation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 590-598.	3.3	19
10	Determination of mitochondrial metabolic phenotype through investigation of the intrinsic inhibition of succinate dehydrogenase. <i>Analytical Biochemistry</i> , 2018, 552, 30-37.	2.4	17
11	Malate-aspartate shuttle promotes lactate oxidation in mitochondria. <i>Journal of Cellular Physiology</i> , 2020, 235, 2569-2581.	4.1	17
12	One-dimensional nanoprobes for single-cell studies. <i>Nanomedicine</i> , 2014, 9, 153-168.	3.3	15
13	Metabolic and structural integrity of magnetic nanoparticle-loaded primary endothelial cells for targeted cell therapy. <i>Nanomedicine</i> , 2015, 10, 1555-1568.	3.3	15
14	Curcumin and Carnosic Acid Cooperate to Inhibit Proliferation and Alter Mitochondrial Function of Metastatic Prostate Cancer Cells. <i>Antioxidants</i> , 2021, 10, 1591.	5.1	12
15	Cardiolipin mediates curcumin interactions with mitochondrial membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 75-82.	2.6	11
16	Mitochondria membrane transformations in colon and prostate cancer and their biological implications. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183471.	2.6	8
17	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. <i>Annals of Clinical and Laboratory Science</i> , 2014, 44, 241-8.	0.2	7
18	Artefactual formation of pyruvate from in-source conversion of lactate. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1163-1168.	1.5	6

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19	Respirometric reserve capacity of cumulus cell mitochondria correlates with oocyte maturity. Journal of Assisted Reproduction and Genetics, 2018, 35, 1821-1830.	2.5	6
20	Mitochondrial responses to organelle-specific drug delivering nanoparticles composed of polypeptide and peptide complexes. Nanomedicine, 2020, 15, 2917-2932.	3.3	2
21	Perfusion double-channel micropipette probes for oxygen flux mapping with single-cell resolution. Beilstein Journal of Nanotechnology, 2018, 9, 850-860.	2.8	1
22	Danazol alters mitochondria metabolism of fibrocystic breast Mcf10A cells. Breast, 2017, 35, 55-62.	2.2	0