

Alex N Savchenko

List of Publications by Year in descending order

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12
papers

925
citations

858243

12
h-index

1336881

12
g-index

12
all docs

12
docs citations

12
times ranked

2261
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-Based Scaffolds: Fundamentals and Applications for Cardiovascular Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 797340.	2.0	21
2	Nicotinamide Pathway-Dependent Sirt1 Activation Restores Calcium Homeostasis to Achieve Neuroprotection in Spinocerebellar Ataxia Type 7. <i>Neuron</i> , 2020, 105, 630-644.e9.	3.8	63
3	Reengineering an Antiarrhythmic Drug Using Patient hiPSC Cardiomyocytes to Improve Therapeutic Potential and Reduce Toxicity. <i>Cell Stem Cell</i> , 2020, 27, 813-821.e6.	5.2	33
4	Setd5 haploinsufficiency alters neuronal network connectivity and leads to autistic-like behaviors in mice. <i>Translational Psychiatry</i> , 2019, 9, 24.	2.4	31
5	Graphene biointerfaces for optical stimulation of cells. <i>Science Advances</i> , 2018, 4, eaat0351.	4.7	68
6	Bringing new dimensions to drug discovery screening: impact of cellular stimulation technologies. <i>Drug Discovery Today</i> , 2017, 22, 1045-1055.	3.2	16
7	An Automated Platform for Assessment of Congenital and Drug-Induced Arrhythmia with hiPSC-Derived Cardiomyocytes. <i>Frontiers in Physiology</i> , 2017, 8, 766.	1.3	64
8	Nanostructured Antagonist of Extrasynaptic NMDA Receptors. <i>Nano Letters</i> , 2016, 16, 5495-5502.	4.5	26
9	Metallic Nanoislands on Graphene as Highly Sensitive Transducers of Mechanical, Biological, and Optical Signals. <i>Nano Letters</i> , 2016, 16, 1375-1380.	4.5	66
10	High throughput physiological screening of iPSC-derived cardiomyocytes for drug development. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1717-1727.	1.9	99
11	Epicardial FSTL1 reconstitution regenerates the adult mammalian heart. <i>Nature</i> , 2015, 525, 479-485.	13.7	402
12	Bright future of optical assays for ion channel drug discovery. <i>Drug Discovery Today</i> , 2008, 13, 14-22.	3.2	36