

Andriy Shevchuk

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

414
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous Silicon Nanoneedles Modulate Endocytosis to Deliver Biological Payloads. <i>Advanced Materials</i> , 2019, 31, e1806788.	21.0	101
2	Imaging Single Nanoparticle Interactions with Human Lung Cells Using Fast Ion Conductance Microscopy. <i>Nano Letters</i> , 2014, 14, 1202-1207.	9.1	80
3	High-resolution label-free 3D mapping of extracellular pH of single living cells. <i>Nature Communications</i> , 2019, 10, 5610.	12.8	62
4	Single Molecule Trapping and Sensing Using Dual Nanopores Separated by a Zeptoliter Nanobridge. <i>Nano Letters</i> , 2017, 17, 6376-6384.	9.1	52
5	Rapid formation of human immunodeficiency virus-like particles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21637-21646.	7.1	28
6	Angular Approach Scanning Ion Conductance Microscopy. <i>Biophysical Journal</i> , 2016, 110, 2252-2265.	0.5	23
7	Ankyrin-G mediates targeting of both Na ⁺ and KATP channels to the rat cardiac intercalated disc. <i>ELife</i> , 2020, 9, .	6.0	23
8	Correlative SICM-FCM reveals changes in morphology and kinetics of endocytic pits induced by disease-associated mutations in dynamin. <i>FASEB Journal</i> , 2019, 33, 8504-8518.	0.5	21
9	Biointerfaces: Porous Silicon Nanoneedles Modulate Endocytosis to Deliver Biological Payloads (Adv.) <i>Tj ETQq1 1 0,784314 rgBT /Over</i>	21.0	9
10	Release of insulin granules by simultaneous, high-speed correlative SICM-FCM. <i>Journal of Microscopy</i> , 2021, 282, 21-29.	1.8	8
11	Scanning ion conductance microscopy of live human glomerulus. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4216-4219.	3.6	3
12	IL-1 β mediated nanoscale surface clustering of integrin α 5 β 1 regulates the adhesion of mesenchymal stem cells. <i>Scientific Reports</i> , 2021, 11, 6890.	3.3	2
13	Noncontact Nanoscale Imaging of Cells. <i>Annual Review of Analytical Chemistry</i> , 2021, 14, 347-361.	5.4	2