

Siddhartha S Jana

List of Publications by Year in descending order

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19
papers

710
citations

933447

10
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

918
citing authors

#	ARTICLE	IF	CITATIONS
1	Switching between blebbing and lamellipodia depends on the degree of Nonmuscle Myosin II activity. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	6
2	Nonmuscle Myosin II in cancer cell migration and mechanotransduction. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 139, 106058.	2.8	5
3	Nonmuscle myosin IIA and IIB differentially modulate migration and alter gene expression in primary mouse tumorigenic cells. <i>Molecular Biology of the Cell</i> , 2019, 30, 1463-1476.	2.1	16
4	Structural Oscillations of Non-muscle Myosin II-C2: Time Resolved Confocal Microscopy. <i>ChemistrySelect</i> , 2017, 2, 953-958.	1.5	1
5	Differential role of nonmuscle myosin II isoforms during blebbing of MCF-7 cells. <i>Molecular Biology of the Cell</i> , 2017, 28, 1034-1042.	2.1	7
6	miRepress: modelling gene expression regulation by microRNA with non-conventional binding sites. <i>Scientific Reports</i> , 2016, 6, 22334.	3.3	7
7	N-terminal polar amino acids of the C2 insert of nonmuscle myosin II-C2 regulate its functional properties. <i>FEBS Letters</i> , 2016, 590, 4223-4232.	2.8	2
8	Molecular association of glucose-6-phosphate isomerase and pyruvate kinase M2 with glyceraldehyde-3-phosphate dehydrogenase in cancer cells. <i>BMC Cancer</i> , 2016, 16, 152.	2.6	25
9	Phosphorylation of Nonmuscle myosin II-A regulatory light chain resists Sendai virus fusion with host cells. <i>Scientific Reports</i> , 2015, 5, 10395.	3.3	14
10	Regulation of nonmuscle myosin II during 3-methylcholanthrene induced dedifferentiation of C2C12 myotubes. <i>Experimental Cell Research</i> , 2014, 326, 68-77.	2.6	2
11	Amphiphilic random copolymer vesicle induces differentiation of mouse C2C12 myoblasts. <i>Biomaterials Science</i> , 2013, 1, 1211.	5.4	3
12	Remarkably stable amphiphilic random copolymer assemblies: A structure-property relationship study. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4932-4943.	2.3	22
13	The Effect of Including the C2 Insert of Nonmuscle Myosin II-C on Neuritogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 7815-7828.	3.4	10
14	Increased expression of nonmuscle myosin IIs is associated with 3MC-induced mouse tumor. <i>FEBS Journal</i> , 2011, 278, 4025-4034.	4.7	8
15	Ablation of Nonmuscle Myosin II-B and II-C Reveals a Role for Nonmuscle Myosin II in Cardiac Myocyte Karyokinesis. <i>Molecular Biology of the Cell</i> , 2010, 21, 3952-3962.	2.1	102
16	An Alternatively Spliced Isoform of Non-muscle Myosin II-C Is Not Regulated by Myosin Light Chain Phosphorylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 11563-11571.	3.4	31
17	A Specific Isoform of Nonmuscle Myosin II-C Is Required for Cytokinesis in a Tumor Cell Line. <i>Journal of Biological Chemistry</i> , 2006, 281, 24662-24670.	3.4	54
18	Vertebrate Nonmuscle Myosin II Isoforms Rescue Small Interfering RNA-induced Defects in COS-7 Cell Cytokinesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 19594-19599.	3.4	103

#	ARTICLE	IF	CITATIONS
19	Identification and Characterization of Nonmuscle Myosin II-C, a New Member of the Myosin II Family. Journal of Biological Chemistry, 2004, 279, 2800-2808.	3.4	286