

Nicholas A Geisse

List of Publications by Year in descending order

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9
papers

1,657
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

2416
citing authors

#	ARTICLE	IF	CITATIONS
1	Microtubules can bear enhanced compressive loads in living cells because of lateral reinforcement. <i>Journal of Cell Biology</i> , 2006, 173, 733-741.	5.2	585
2	Directional control of lamellipodia extension by constraining cell shape and orienting cell tractional forces. <i>FASEB Journal</i> , 2002, 16, 1195-1204.	0.5	431
3	Comparison of Scanning Ion Conductance Microscopy with Atomic Force Microscopy for Cell Imaging. <i>Langmuir</i> , 2011, 27, 697-704.	3.5	134
4	Prolonged Culture of Aligned Skeletal Myotubes on Micromolded Gelatin Hydrogels. <i>Scientific Reports</i> , 2016, 6, 28855.	3.3	106
5	Self-Organization of Muscle Cell Structure and Function. <i>PLoS Computational Biology</i> , 2011, 7, e1001088.	3.2	102
6	Myocyte Shape Regulates Lateral Registry of Sarcomeres and Contractility. <i>American Journal of Pathology</i> , 2012, 181, 2030-2037.	3.8	99
7	Nuclear morphology and deformation in engineered cardiac myocytes and tissues. <i>Biomaterials</i> , 2010, 31, 5143-5150.	11.4	86
8	Control of myocyte remodeling in vitro with engineered substrates. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009, 45, 343-350.	1.5	67
9	Targeting of Helicobacter pylori vacuolating toxin to lipid raft membrane domains analysed by atomic force microscopy. <i>Biochemical Journal</i> , 2004, 381, 911-917.	3.7	47