

Valentina Martinelli

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

667
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1385
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Nanotubes Promote Growth and Spontaneous Electrical Activity in Cultured Cardiac Myocytes. <i>Nano Letters</i> , 2012, 12, 1831-1838.	9.1	196
2	Single-Dose Intracardiac Injection of Pro-Regenerative MicroRNAs Improves Cardiac Function After Myocardial Infarction. <i>Circulation Research</i> , 2017, 120, 1298-1304.	4.5	162
3	Carbon Nanotubes Instruct Physiological Growth and Functionally Mature Syncytia: Nongenetic Engineering of Cardiac Myocytes. <i>ACS Nano</i> , 2013, 7, 5746-5756.	14.6	105
4	3D Carbon-Nanotube-Based Composites for Cardiac Tissue Engineering. <i>ACS Applied Bio Materials</i> , 2018, 1, 1530-1537.	4.6	57
5	Epigenetic Modification at Notch Responsive Promoters Blunts Efficacy of Inducing Notch Pathway Reactivation After Myocardial Infarction. <i>Circulation Research</i> , 2014, 115, 636-649.	4.5	56
6	AFM single-cell force spectroscopy links altered nuclear and cytoskeletal mechanics to defective cell adhesion in cardiac myocytes with a nuclear lamin mutation. <i>Nucleus</i> , 2015, 6, 394-407.	2.2	27
7	Exploring the elasticity and adhesion behavior of cardiac fibroblasts by atomic force microscopy indentation. <i>Materials Science and Engineering C</i> , 2014, 40, 427-434.	7.3	23
8	Knock Down of Plakophilin 2 Dysregulates Adhesion Pathway through Upregulation of miR200b and Alters the Mechanical Properties in Cardiac Cells. <i>Cells</i> , 2019, 8, 1639.	4.1	18
9	Bone morphogenetic protein 1.3 inhibition decreases scar formation and supports cardiomyocyte survival after myocardial infarction. <i>Nature Communications</i> , 2022, 13, 81.	12.8	12
10	An engineering insight into the relationship of selective cytoskeletal impairment and biomechanics of HeLa cells. <i>Micron</i> , 2017, 102, 88-96.	2.2	11