Stefania Pagliari

List of Publications by Year
in descending order

24 papers	2,407 citations	471061 17 h-index	610482 24 g-index
27 all docs	27 docs citations	27 times ranked	4551 citing authors

#	Article	IF	Citations
1	Cellular Mechanotransduction: From Tension to Function. Frontiers in Physiology, 2018, 9, 824.	1.3	594
2	YAP regulates cell mechanics by controlling focal adhesion assembly. Nature Communications, 2017, 8, 15321.	5.8	431
3	Cerium Oxide Nanoparticles Protect Cardiac Progenitor Cells from Oxidative Stress. ACS Nano, 2012, 6, 3767-3775.	7.3	314
4	Multiscale three-dimensional scaffolds for soft tissue engineering via multimodal electrospinning. Acta Biomaterialia, 2010, 6, 1227-1237.	4.1	197
5	Stem Cell Aligned Growth Induced by CeO₂ Nanoparticles in PLGA Scaffolds with Improved Bioactivity for Regenerative Medicine. Advanced Functional Materials, 2010, 20, 1617-1624.	7.8	168
6	Hippo Pathway Effectors Control Cardiac Progenitor Cell Fate by Acting as Dynamic Sensors of Substrate Mechanics and Nanostructure. ACS Nano, 2014, 8, 2033-2047.	7.3	127
7	Criticality of the Biological and Physical Stimuli Array Inducing Resident Cardiac Stem Cell Determination. Stem Cells, 2008, 26, 2093-2103.	1.4	98
8	Substrate Stiffness Modulates Gene Expression and Phenotype in Neonatal Cardiomyocytes <i>In Vitro</i>. Tissue Engineering - Part A, 2012, 18, 1837-1848.	1.6	88
9	Multiscale Analysis of Extracellular Matrix Remodeling in the Failing Heart. Circulation Research, 2021, 128, 24-38.	2.0	60
10	Human Cardiac Progenitor Cell Grafts as Unrestricted Source of Supernumerary Cardiac Cells in Healthy Murine Hearts. Stem Cells, 2011, 29, 2051-2061.	1.4	49
11	Substrate stiffness affects skeletal myoblast differentiation<i>in vitro</i>. Science and Technology of Advanced Materials, 2012, 13, 064211.	2.8	43
12	Cooperation of Biological and Mechanical Signals in Cardiac Progenitor Cell Differentiation. Advanced Materials, 2011, 23, 514-518.	11.1	34
13	YAPâ€“TEAD1 control of cytoskeleton dynamics and intracellular tension guides human pluripotent stem cell mesoderm specification. Cell Death and Differentiation, 2021, 28, 1193-1207.	5.0	33
14	Thick Soft Tissue Reconstruction on Highly Perfusive Biodegradable Scaffolds. Macromolecular Bioscience, 2010, 10, 127-138.	2.1	27
15	Biomaterial and implant induced ossification: in vitro and in vivo findings. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 1157-1168.	1.3	26
16	A multistep procedure to prepare pre-vascularized cardiac tissue constructs using adult stem sells, dynamic cell cultures, and porous scaffolds. Frontiers in Physiology, 2014, 5, 210.	1.3	23
17	Mesenchymal stem cell adhesion but not plasticity is affected by high substrate stiffness. Science and Technology of Advanced Materials, 2012, 13, 064205.	2.8	20
18	Evidence for discrete modes of YAP1 signaling via mRNA splice isoforms in development and diseases. Genomics, 2021, 113, 1349-1365.	1.3	14

#	Article	IF	Citations
19	Towards the Generation of Patient-Specific Patches for Cardiac Repair. Stem Cell Reviews and Reports, 2013, 9, 313-325.	5.6	13
20	Stable Phenotype and Function of Immortalized Linâ˜’Sca-1+ Cardiac Progenitor Cells in Long-Term Culture: A Step Closer to Standardization. Stem Cells and Development, 2014, 23, 1012-1026.	1.1	13
21	Adult Stem Cells and Biocompatible Scaffolds as Smart Drug Delivery Tools for Cardiac Tissue Repair. Current Medicinal Chemistry, 2013, 20, 3429-3447.	1.2	11
22	Self-Renewal and Multipotency Coexist in a Long-Term Cultured Adult Rat Dental Pulp Stem Cell Line: An Exception to the Rule?. Stem Cells and Development, 2012, 21, 3278-3288.	1.1	10
23	Tumor in 3D: In Vitro Complex Cellular Models to Improve Nanodrugs Cancer Therapy. Current Medicinal Chemistry, 2020, 27, 7234-7255.	1.2	7
24	Targeting pleiotropic signaling pathways to control adult cardiac stem cell fate and function. Frontiers in Physiology, 2014, 5, 219.	1.3	4