

Francesca Pagliari

List of Publications by Year in descending order

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29
papers

1,533
citations

471509

17
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

2998
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerium Oxide Nanoparticles Protect Cardiac Progenitor Cells from Oxidative Stress. ACS Nano, 2012, 6, 3767-3775.	14.6	314
2	Multiscale three-dimensional scaffolds for soft tissue engineering via multimodal electrospinning. Acta Biomaterialia, 2010, 6, 1227-1237.	8.3	197
3	Fabrication and Applications of Micro/Nanostructured Devices for Tissue Engineering. Nano-Micro Letters, 2017, 9, 1.	27.0	171
4	Stem Cell Aligned Growth Induced by CeO ₂ Nanoparticles in PLGA Scaffolds with Improved Bioactivity for Regenerative Medicine. Advanced Functional Materials, 2010, 20, 1617-1624.	14.9	168
5	An Overview of Lipid Droplets in Cancer and Cancer Stem Cells. Stem Cells International, 2017, 2017, 1-17.	2.5	165
6	Criticality of the Biological and Physical Stimuli Array Inducing Resident Cardiac Stem Cell Determination. Stem Cells, 2008, 26, 2093-2103.	3.2	98
7	Does FLASH deplete oxygen? Experimental evaluation for photons, protons, and carbon ions. Medical Physics, 2021, 48, 3982-3990.	3.0	81
8	Human Cardiac Progenitor Cell Grafts as Unrestricted Source of Supernumerary Cardiac Cells in Healthy Murine Hearts. Stem Cells, 2011, 29, 2051-2061.	3.2	49
9	Cooperation of Biological and Mechanical Signals in Cardiac Progenitor Cell Differentiation. Advanced Materials, 2011, 23, 514-518.	21.0	34
10	Thick Soft Tissue Reconstruction on Highly Perfusive Biodegradable Scaffolds. Macromolecular Bioscience, 2010, 10, 127-138.	4.1	27
11	ROS and Lipid Droplet accumulation induced by high glucose exposure in healthy colon and Colorectal Cancer Stem Cells. Genes and Diseases, 2020, 7, 620-635.	3.4	26
12	ssRNA Virus and Host Lipid Rearrangements: Is There a Role for Lipid Droplets in SARS-CoV-2 Infection?. Frontiers in Molecular Biosciences, 2020, 7, 578964.	3.5	26
13	Lipid Droplet Biosynthesis Impairment through DGAT2 Inhibition Sensitizes MCF7 Breast Cancer Cells to Radiation. International Journal of Molecular Sciences, 2021, 22, 10102.	4.1	26
14	Lipid droplets and ferritin heavy chain: a devilish liaison in human cancer cell radioresistance. ELife, 2021, 10, .	6.0	26
15	Iron and copper complexes with antioxidant activity as inhibitors of the metastatic potential of glioma cells. RSC Advances, 2020, 10, 12699-12710.	3.6	23
16	Tuning hierarchical architecture of 3D polymeric scaffolds for cardiac tissue engineering. Journal of Experimental Nanoscience, 2008, 3, 97-110.	2.4	22
17	Three-dimensionally two-photon lithography realized vascular grafts. Biomedical Materials (Bristol), 2021, 16, 035013.	3.3	21
18	Laboratory injection molder for the fabrication of polymeric porous poly-epsilon-caprolactone scaffolds for preliminary mesenchymal stem cells tissue engineering applications. Microelectronic Engineering, 2017, 175, 12-16.	2.4	16

#	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	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.	2.1	10
21	SQPR 3.0: A Sensorized Bioreactor for Modulating Cardiac Phenotype. Procedia Engineering, 2013, 59, 219-225.	1.2	4
22	Influence of ceria nanoparticles on chemical structure and properties of segmented polyesters. Materials Science and Engineering C, 2015, 53, 15-22.	7.3	4
23	A Novel Analysis Method for Evaluating the Interplay of Oxygen and Ionizing Radiation at the Gene Level. Frontiers in Genetics, 2021, 12, 597635.	2.3	4
24	Cardiac Progenitor Cell Extraction from Human Auricles. Methods in Molecular Biology, 2017, 1553, 145-154.	0.9	3
25	The New Youth of the In Situ Transmission Electron Microscopy. , 0, , .		2
26	Modulating Nucleus Oxygen Concentration by Altering Intramembrane Cholesterol Levels: Creating Hypoxic Nucleus in Oxic Conditions. International Journal of Molecular Sciences, 2022, 23, 5077.	4.1	2
27	Quantum cascade laser infrared spectroscopy of single cancer cells. , 2017, , .		1
28	Effects of physical factors on cardiac stem cells. Journal of Molecular and Cellular Cardiology, 2007, 42, S92-S93.	1.9	0
29	Cerium Oxide Nanoparticles Counteract the Oxidative Stress in Cardiac Progenitor Cells. NATO Science for Peace and Security Series A: Chemistry and Biology, 2013, , 101-112.	0.5	0