

# Francesca Pagliari

## List of Publications by Citations

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27  
papers

1,133  
citations

14  
h-index

30  
g-index

30  
ext. papers

1,313  
ext. citations

7  
avg, IF

3.88  
L-index

#	Paper	IF	Citations
27	Cerium oxide nanoparticles protect cardiac progenitor cells from oxidative stress. <i>ACS Nano</i> , <b>2012</b> , 6, 3767-75	16.7	263
26	Multiscale three-dimensional scaffolds for soft tissue engineering via multimodal electrospinning. <i>Acta Biomaterialia</i> , <b>2010</b> , 6, 1227-37	10.8	168
25	Stem Cell Aligned Growth Induced by CeO <sub>2</sub> Nanoparticles in PLGA Scaffolds with Improved Bioactivity for Regenerative Medicine. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 1617-1624	15.6	143
24	An Overview of Lipid Droplets in Cancer and Cancer Stem Cells. <i>Stem Cells International</i> , <b>2017</b> , 2017, 1656053	5	121
23	Fabrication and Applications of Micro/Nanostructured Devices for Tissue Engineering. <i>Nano-Micro Letters</i> , <b>2017</b> , 9, 1	19.5	109
22	Criticality of the biological and physical stimuli array inducing resident cardiac stem cell determination. <i>Stem Cells</i> , <b>2008</b> , 26, 2093-103	5.8	89
21	Human cardiac progenitor cell grafts as unrestricted source of supernumerary cardiac cells in healthy murine hearts. <i>Stem Cells</i> , <b>2011</b> , 29, 2051-61	5.8	42
20	Cooperation of biological and mechanical signals in cardiac progenitor cell differentiation. <i>Advanced Materials</i> , <b>2011</b> , 23, 514-8	24	30
19	Does FLASH deplete oxygen? Experimental evaluation for photons, protons, and carbon ions. <i>Medical Physics</i> , <b>2021</b> , 48, 3982-3990	4.4	25
18	Thick soft tissue reconstruction on highly perfusive biodegradable scaffolds. <i>Macromolecular Bioscience</i> , <b>2010</b> , 10, 127-38	5.5	24
17	Tuning hierarchical architecture of 3D polymeric scaffolds for cardiac tissue engineering. <i>Journal of Experimental Nanoscience</i> , <b>2008</b> , 3, 97-110	1.9	20
16	ssRNA Virus and Host Lipid Rearrangements: Is There a Role for Lipid Droplets in SARS-CoV-2 Infection?. <i>Frontiers in Molecular Biosciences</i> , <b>2020</b> , 7, 578964	5.6	16
15	ROS and Lipid Droplet accumulation induced by high glucose exposure in healthy colon and Colorectal Cancer Stem Cells. <i>Genes and Diseases</i> , <b>2020</b> , 7, 620-635	6.6	15
14	Laboratory injection molder for the fabrication of polymeric porous poly-epsilon-caprolactone scaffolds for preliminary mesenchymal stem cells tissue engineering applications. <i>Microelectronic Engineering</i> , <b>2017</b> , 175, 12-16	2.5	14
13	Iron and copper complexes with antioxidant activity as inhibitors of the metastatic potential of glioma cells.. <i>RSC Advances</i> , <b>2020</b> , 10, 12699-12710	3.7	10
12	Towards the generation of patient-specific patches for cardiac repair. <i>Stem Cell Reviews and Reports</i> , <b>2013</b> , 9, 313-25	6.4	10
11	Self-renewal and multipotency coexist in a long-term cultured adult rat dental pulp stem cell line: an exception to the rule?. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 3278-88	4.4	9

10	Three-dimensionally two-photon lithography realized vascular grafts. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> ,	3.5	7
9	Lipid droplets and ferritin heavy chain: a devilish liaison in human cancer cell radioresistance. <i>ELife</i> , <b>2021</b> , 10,	8.9	4
8	Cardiac Progenitor Cell Extraction from Human Auricles. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1553, 145-154		3
7	SQPR 3.0: A Sensorized Bioreactor for Modulating Cardiac Phenotype. <i>Procedia Engineering</i> , <b>2013</b> , 59, 219-225		3
6	Lipid Droplet Biosynthesis Impairment through DGAT2 Inhibition Sensitizes MCF7 Breast Cancer Cells to Radiation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
5	Influence of ceria nanoparticles on chemical structure and properties of segmented polyesters. <i>Materials Science and Engineering C</i> , <b>2015</b> , 53, 15-22	8.3	2
4	The New Youth of the In Situ Transmission Electron Microscopy <b>2016</b> ,		2
3	Quantum cascade laser infrared spectroscopy of single cancer cells <b>2017</b> ,		1
2	A Novel Analysis Method for Evaluating the Interplay of Oxygen and Ionizing Radiation at the Gene Level. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 597635	4.5	0
1	Cerium Oxide Nanoparticles Counteract the Oxidative Stress in Cardiac Progenitor Cells. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , <b>2013</b> , 101-112	0.1	