Francesca Pagliari

List of Publications by Year in Descending Order

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	A Novel Analysis Method for Evaluating the Interplay of Oxygen and Ionizing Radiation at the Gene Level. *Frontiers in Genetics*, **2021**, 12, 597635	4.5	0
26	Does FLASH deplete oxygen? Experimental evaluation for photons, protons, and carbon ions. *Medical Physics*, **2021**, 48, 3982-3990	4.4	25
25	Lipid Droplet Biosynthesis Impairment through DGAT2 Inhibition Sensitizes MCF7 Breast Cancer Cells to Radiation. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
24	Lipid droplets and ferritin heavy chain: a devilish liaison in human cancer cell radioresistance. *ELife*, **2021**, 10,	8.9	4
23	Iron and copper complexes with antioxidant activity as inhibitors of the metastatic potential of glioma cells.. *RSC Advances*, **2020**, 10, 12699-12710	3.7	10
22	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	5.6	16
21	Three-dimensionally two-photon lithography realized vascular grafts. *Biomedical Materials (Bristol)*, **2020**,	3.5	7
20	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	6.6	15
19	Cardiac Progenitor Cell Extraction from Human Auricles. *Methods in Molecular Biology*, **2017**, 1553, 145-154		3
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	2.5	14
17	An Overview of Lipid Droplets in Cancer and Cancer Stem Cells. *Stem Cells International*, **2017**, 2017, 1656053	5	121
16	Fabrication and Applications of Micro/Nanostructured Devices for Tissue Engineering. *Nano-Micro Letters*, **2017**, 9, 1	19.5	109
15	Quantum cascade laser infrared spectroscopy of single cancer cells **2017**,		1
14	The New Youth of the In Situ Transmission Electron Microscopy **2016**,		2
13	Influence of ceria nanoparticles on chemical structure and properties of segmented polyesters. *Materials Science and Engineering C*, **2015**, 53, 15-22	8.3	2
12	Towards the generation of patient-specific patches for cardiac repair. *Stem Cell Reviews and Reports* , **2013**, 9, 313-25	6.4	10
11	SQPR 3.0: A Sensorized Bioreactor for Modulating Cardiac Phenotype. *Procedia Engineering*, **2013**, 59, 219-225		3

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10	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	0.1	
9	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, 3278-88	4.4	9
8	Cerium oxide nanoparticles protect cardiac progenitor cells from oxidative stress. *ACS Nano*, **2012**, 6, 3767-75	16.7	263
7	Human cardiac progenitor cell grafts as unrestricted source of supernumerary cardiac cells in healthy murine hearts. *Stem Cells*, **2011**, 29, 2051-61	5.8	42
6	Cooperation of biological and mechanical signals in cardiac progenitor cell differentiation. *Advanced Materials*, **2011**, 23, 514-8	24	30
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	15.6	143
4	Thick soft tissue reconstruction on highly perfusive biodegradable scaffolds. *Macromolecular Bioscience*, **2010**, 10, 127-38	5.5	24
3	Multiscale three-dimensional scaffolds for soft tissue engineering via multimodal electrospinning. *Acta Biomaterialia*, **2010**, 6, 1227-37	10.8	168
2	Tuning hierarchical architecture of 3D polymeric scaffolds for cardiac tissue engineering. *Journal of Experimental Nanoscience*, **2008**, 3, 97-110	1.9	20
1	Criticality of the biological and physical stimuli array inducing resident cardiac stem cell determination. *Stem Cells*, **2008**, 26, 2093-103	5.8	89