Mario Leonardo Squadrito

List of Publications by Citations

29 papers	2,850 citations	22 h-index	34 g-index
34 ext. papers	3,344 ext. citations	12.3 avg, IF	4.7 L-index

#	Paper	IF	Citations
29	HRG inhibits tumor growth and metastasis by inducing macrophage polarization and vessel normalization through downregulation of PlGF. *Cancer Cell*, **2011**, 19, 31-44	24.3	528
28	Endogenous RNAs modulate microRNA sorting to exosomes and transfer to acceptor cells. *Cell Reports*, **2014**, 8, 1432-46	10.6	412
27	Chemotherapy elicits pro-metastatic extracellular vesicles in breast cancer models. *Nature Cell Biology*, **2019**, 21, 190-202	23.4	239
26	Macrophage skewing by Phd2 haplodeficiency prevents ischaemia by inducing arteriogenesis. *Nature*, **2011**, 479, 122-6	50.4	237
25	miR-511-3p modulates genetic programs of tumor-associated macrophages. *Cell Reports*, **2012**, 1, 141-54	10.6	162
24	Suppression of microRNA activity amplifies IFN-induced macrophage activation and promotes anti-tumour immunity. *Nature Cell Biology*, **2016**, 18, 790-802	23.4	159
23	MicroRNA-mediated control of macrophages and its implications for cancer. *Trends in Immunology*, **2013**, 34, 350-9	14.4	144
22	Macrophage regulation of tumor angiogenesis: implications for cancer therapy. *Molecular Aspects of Medicine*, **2011**, 32, 123-45	16.7	127
21	Regulation of macrophage arginase expression and tumor growth by the Ron receptor tyrosine kinase. *Journal of Immunology*, **2011**, 187, 2181-92	5.3	108
20	Systemic and targeted delivery of semaphorin 3A inhibits tumor angiogenesis and progression in mouse tumor models. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 741-9	9.4	93
19	Precision Targeting of Tumor Macrophages with a CD206 Binding Peptide. *Scientific Reports*, **2017**, 7, 14655	4.9	92
18	Genetic engineering of hematopoiesis for targeted IFN-delivery inhibits breast cancer progression. *Science Translational Medicine*, **2014**, 6, 217ra3	17.5	71
17	Reciprocal interactions between endothelial cells and macrophages in angiogenic vascular niches. *Experimental Cell Research*, **2013**, 319, 1626-34	4.2	71
16	Perivascular Macrophages Limit Permeability. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 2203-2212	9.4	62
15	Mannose receptor modulates macrophage polarization and allergic inflammation through miR-511-3p. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 350-364.e8	11.5	56
14	PHD2 regulates arteriogenic macrophages through TIE2 signalling. *EMBO Molecular Medicine*, **2013**, 5, 843-57	12	35
13	Integrin-Mediated Macrophage Adhesion Promotes Lymphovascular Dissemination in Breast Cancer. *Cell Reports*, **2019**, 27, 1967-1978.e4	10.6	33

List of Publications

12	Guidance Molecule SEMA3A Restricts Tumor Growth by Differentially Regulating the Proliferation of Tumor-Associated Macrophages. *Cancer Research*, **2016**, 76, 3166-78	10.1	32
11	TRIM33 switches off Ifnb1 gene transcription during the late phase of macrophage activation. *Nature Communications*, **2015**, 6, 8900	17.4	30
10	miR-135a Inhibits Cancer Stem Cell-Driven Medulloblastoma Development by Directly Repressing Arhgef6 Expression. *Stem Cells*, **2015**, 33, 1377-89	5.8	30
9	EVIR: chimeric receptors that enhance dendritic cell cross-dressing with tumor antigens. *Nature Methods*, **2018**, 15, 183-186	21.6	28
8	miR-511-3p, embedded in the macrophage mannose receptor gene, contributes to intestinal inflammation. *Mucosal Immunology*, **2016**, 9, 960-73	9.2	25
7	Cellular magnetic resonance with iron oxide nanoparticles: long-term persistence of SPIO signal in the CNS after transplanted cell death. *Nanomedicine*, **2014**, 9, 1457-74	5.6	21
6	Antiangiogenic immunotherapy suppresses desmoplastic and chemoresistant intestinal tumors in mice. *Journal of Clinical Investigation*, **2020**, 130, 1199-1216	15.9	19
5	A niche role for periostin and macrophages in glioblastoma. *Nature Cell Biology*, **2015**, 17, 107-9	23.4	15
4	Laboratory-Scale Lentiviral Vector Production and Purification for Enhanced and Genetic Engineering. *Molecular Therapy - Methods and Clinical Development*, **2020**, 19, 411-425	6.4	7
3	MNK2 governs the macrophage antiinflammatory phenotype. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 27556-27565	11.5	7
2	Sequential Bone-Marrow Cell Delivery of VEGFA/S1P Improves Vascularization and Limits Adverse Cardiac Remodeling After Myocardial Infarction in Mice. *Human Gene Therapy*, **2019**, 30, 893-905	4.8	5
1	Apelin-driven endothelial cell migration sustains intestinal progenitor cells and tumor growth **2022**, 1, 476-490		0