Marco Erreni

List of Publications by Year
in descending order

48 papers	3,026 citations	218381 26 h-index	233125 45 g-index
52 all docs	52 docs citations	52 times ranked	5466 citing authors

#	Article	IF	Citations
1	Macrophage polarization in pathology. Cellular and Molecular Life Sciences, 2015, 72, 4111-4126.	2.4	487
2	The Microglial Innate Immune Receptor TREM2 Is Required for Synapse Elimination and Normal Brain Connectivity. Immunity, 2018, 48, 979-991.e8.	6.6	436
3	Tumor-associated Macrophages (TAM) and Inflammation in Colorectal Cancer. Cancer Microenvironment, 2011, 4, 141-154.	3.1	269
4	Local externalization of phosphatidylserine mediates developmental synaptic pruning by microglia. EMBO Journal, 2020, 39, e105380.	3.5	217
5	Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. Cancer Cell, 2021, 39, 708-724.e11.	7.7	175
6	Inhalation of peptide-loaded nanoparticles improves heart failure. Science Translational Medicine, 2018, 10, .	5.8	132
7	Identification of a choroid plexus vascular barrier closing during intestinal inflammation. Science, 2021, 374, 439-448.	6.0	115
8	Targeting tumor associated macrophages: The new challenge for nanomedicine. Seminars in Immunology, 2017, 34, 103-113.	2.7	110
9	Role of CX3CR1/CX3CL1 axis in primary and secondary involvement of the nervous system by cancer. Journal of Neuroimmunology, 2010, 224, 39-44.	1.1	90
10	Chapter 5 Expression of Chemokines and Chemokine Receptors in Human Colon Cancer. Methods in Enzymology, 2009, 460, 105-121.	0.4	85
11	Enhanced recruitment of genetically modified CX3CR1-positive human T cells into Fractalkine/CX3CL1 expressing tumors: importance of the chemokine gradient. , 2016, 4, 21.		79
12	Heme catabolism by tumor-associated macrophages controls metastasis formation. Nature Immunology, 2021, 22, 595-606.	7.0	59
13	Human glioblastoma tumours and neural cancer stem cells express the chemokine CX3CL1 and its receptor CX3CR1. European Journal of Cancer, 2010, 46, 3383-3392.	1.3	55
14	Lipid-loaded tumor-associated macrophages sustain tumor growth and invasiveness in prostate cancer. Journal of Experimental Medicine, 2022, 219, .	4.2	53
15	Mitochondrial metabolic reprogramming controls the induction of immunogenic cell death and efficacy of chemotherapy in bladder cancer. Science Translational Medicine, 2021, 13, .	5.8	50
16	The long pentraxin <scp>PTX</scp>3: A prototypical sensor of tissue injury and a regulator of homeostasis. Immunological Reviews, 2017, 280, 112-125.	2.8	47
17	Senescent thyrocytes and thyroid tumor cells induce M2-like macrophage polarization of human monocytes via a PGE2-dependent mechanism. Journal of Experimental and Clinical Cancer Research, 2019, 38, 208.	3.5	43
18	TNF-Stimulated Gene-6 Is a Key Regulator in Switching Stemness and Biological Properties of Mesenchymal Stem Cells. Stem Cells, 2019, 37, 973-987.	1.4	36

#	Article	IF	Citations
19	The Fractalkine-Receptor Axis Improves Human Colorectal Cancer Prognosis by Limiting Tumor Metastatic Dissemination. Journal of Immunology, 2016, 196, 902-914.	0.4	35
20	Mesenchymal Stromal Cell-Seeded Biomimetic Scaffolds as a Factory of Soluble RANKL in Rankl-Deficient Osteopetrosis. Stem Cells Translational Medicine, 2019, 8, 22-34.	1.6	34
21	Heme-oxygenase-1 Production by Intestinal CX3CR1+ Macrophages Helps to Resolve Inflammation and Prevents Carcinogenesis. Cancer Research, 2017, 77, 4472-4485.	0.4	32
22	Absence of Dipeptidyl Peptidase 3 Increases Oxidative Stress and Causes Bone Loss. Journal of Bone and Mineral Research, 2019, 34, 2133-2148.	3.1	32
23	PSMA expression level predicts differentiated thyroid cancer aggressiveness and patient outcome. EJNMMI Research, 2019, 9, 93.	1.1	31
24	RAI(ShcC/N-Shc)-dependent recruitment of GAB1 to RET oncoproteins potentiates PI3-K signalling in thyroid tumors. Oncogene, 2005, 24, 6303-6313.	2.6	30
25	Circulating Inflammatory Mediators as Potential Prognostic Markers of Human Colorectal Cancer. PLoS ONE, 2016, 11, e0148186.	1.1	30
26	Tailored chemokine receptor modification improves homing of adoptive therapy T cells in a spontaneous tumor model. Oncotarget, 2016, 7, 43010-43026.	0.8	29
27	Differential role of Interleukin-1 and Interleukin-6 in K-Ras-driven pancreatic carcinoma undergoing mesenchymal transition. OncoImmunology, 2018, 7, e1388485.	2.1	28
28	Metabolome of Pancreatic Juice Delineates Distinct Clinical Profiles of Pancreatic Cancer and Reveals a Link between Glucose Metabolism and PD-1+ Cells. Cancer Immunology Research, 2020, 8, 493-505.	1.6	26
29	3D Bone Biomimetic Scaffolds for Basic and Translational Studies with Mesenchymal Stem Cells. International Journal of Molecular Sciences, 2018, 19, 3150.	1.8	25
30	Intestinal Macrophages at the Crossroad between Diet, Inflammation, and Cancer. International Journal of Molecular Sciences, 2020, 21, 4825.	1.8	24
31	A hyperspectral microscope based on an ultrastable common-path interferometer. APL Photonics, 2019, 4, .	3.0	19
32	Nanobodies as Versatile Tool for Multiscale Imaging Modalities. Biomolecules, 2020, 10, 1695.	1.8	19
33	Non-redundant role of the chemokine receptor CX3CR1 in the anti-inflammatory function of gut macrophages. Immunobiology, 2017, 222, 463-472.	0.8	13
34	Inhibition of the Histone Methyltransferase EZH2 Enhances Protumor Monocyte Recruitment in Human Mesothelioma Spheroids. International Journal of Molecular Sciences, 2021, 22, 4391.	1.8	13
35	Broadband stimulated Raman imaging based on multi-channel lock-in detection for spectral histopathology. APL Photonics, 2022, 7, .	3.0	12
36	An autofluorescence-based method for the isolation of highly purified ventricular cardiomyocytes. Cardiovascular Research, 2018, 114, 409-416.	1.8	9

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37	Complementary Roles of Short and Long Pentraxins in the Complement-Mediated Immune Response to Aspergillus fumigatus Infections. Frontiers in Immunology, 2021, 12, 785883.	2.2	8
38	Chemokines mRNA expression in relation to the Macrophage Migration Inhibitory Factor (MIF) mRNA and Vascular Endothelial Growth Factor (VEGF) mRNA expression in the microenvironment of endometrial cancer tissue and normal endometrium: A pilot study. Cytokine, 2013, 64, 509-515.	1.4	7
39	Tumor-associated macrophages, multi-tasking cells in the cancer landscape. Cancer Research Frontiers, 2015, 1, 149-161.	0.2	7
40	Evaluation of cell metabolic adaptation in wound and tumour by Fluorescence Lifetime Imaging Microscopy. Scientific Reports, 2020, 10, 6289.	1.6	6
41	Optical in vivo imaging detection of preclinical models of gut tumors through the expression of integrin Î±VÎ²3. Oncotarget, 2018, 9, 31380-31396.	0.8	4
42	Optimization of a Luciferase-Expressing Non-Invasive Intrapleural Model of Malignant Mesothelioma in Immunocompetent Mice. Cancers, 2020, 12, 2136.	1.7	3
43	W1767 Expression and Function of the Chemokine CX3CL1 and Its Receptor Cx3cr1 in Human Colorectal Cancer. Gastroenterology, 2010, 138, S-736.	0.6	1
44	Probe-based intravital microscopy: filling the gap between in vivo imaging and tissue sample microscopy in basic research and clinical applications. JPhys Photonics, 2021, 3, 032003.	2.2	1
45	Method for Acute Intravital Imaging of the in Live Mice. Methods in Molecular Biology, 2021, 2304, 285-299.	0.4	1
46	869 A Novel Sierological Inflammatory Score As Possible Prognostic Marker in Colorectal Cancer. Gastroenterology, 2015, 148, S-1122.	0.6	0
47	THU-451-Characterization of cholangiocarcinoma primary, circulating and metastatic stem-like cells. Journal of Hepatology, 2019, 70, e357.	1.8	0
48	Cholangiocarcinoma primary, circulating and metastatic stem-like cells. Digestive and Liver Disease, 2019, 51, e32.	0.4	0