Manuel Sarmiento Soto

List of Publications by Year
in descending order

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20 papers	869 citations	516215 16 h-index	752256 20 g-index
20 all docs	20 docs citations	20 times ranked	1681 citing authors

#	Article	IF	Citations
1	Molecular MRI enables early and sensitive detection of brain metastases. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6674-6679.	3.3	131
2	ASPP2 controls epithelial plasticity and inhibits metastasis through Î²-catenin-dependent regulationÂofÂZEB1. Nature Cell Biology, 2014, 16, 1092-1104.	4.6	129
3	Functional role of endothelial adhesion molecules in the early stages of brain metastasis. Neuro-Oncology, 2014, 16, 540-551.	0.6	100
4	Alternate RASSF1 Transcripts Control SRC Activity, E-Cadherin Contacts, and YAP-Mediated Invasion. Current Biology, 2015, 25, 3019-3034.	1.8	74
5	Anti-inflammatory Microglia/Macrophages As a Potential Therapeutic Target in Brain Metastasis. Frontiers in Oncology, 2017, 7, 251.	1.3	71
6	Reformulating Pro-Oxidant Microglia in Neurodegeneration. Journal of Clinical Medicine, 2019, 8, 1719.	1.0	47
7	Covalent assembly of nanoparticles as a peptidase-degradable platform for molecular MRI. Nature Communications, 2017, 8, 14254.	5.8	46
8	Glial Activation in the Early Stages of Brain Metastasis: TSPO as a Diagnostic Biomarker. Journal of Nuclear Medicine, 2014, 55, 275-280.	2.8	38
9	Arginine deprivation alters microglial polarity and synergizes with radiation to eradicate non-arginine-auxotrophic glioblastoma tumors. Journal of Clinical Investigation, 2022, 132, .	3.9	28
10	Structural and functional effects of metastases in rat brain determined by multimodal MRI. International Journal of Cancer, 2014, 134, 885-896.	2.3	25
11	The Multifarious Role of Microglia in Brain Metastasis. Frontiers in Cellular Neuroscience, 2018, 12, 414.	1.8	25
12	VCAM-1â€“targeted MRI Enables Detection of Brain Micrometastases from Different Primary Tumors. Clinical Cancer Research, 2019, 25, 533-543.	3.2	25
13	VCAM-1 targeted alpha-particle therapy for early brain metastases. Neuro-Oncology, 2020, 22, 357-368.	0.6	23
14	Disruption of tumour-host communication by downregulation of LFA-1 reduces COX-2 and e-NOS expression and inhibits brain metastasis growth. Oncotarget, 2016, 7, 52375-52391.	0.8	23
15	STAT3-Mediated Astrocyte Reactivity Associated with Brain Metastasis Contributes to Neurovascular Dysfunction. Cancer Research, 2020, 80, 5642-5655.	0.4	18
16	Dosimetric evaluation of radionuclides for VCAM-1-targeted radionuclide therapy of early brain metastases. Theranostics, 2018, 8, 292-303.	4.6	17
17	A novel molecular magnetic resonance imaging agent targeting activated leukocyte cell adhesion molecule as demonstrated in mouse brain metastasis models. Journal of Cerebral Blood Flow and Metabolism, 2020, 41, 0271678X2096894.	2.4	16
18	Optimization of molecularly targeted MRI in the brain: empirical comparison of sequences and particles. International Journal of Nanomedicine, 2018, Volume 13, 4345-4359.	3.3	15

#	Article	IF	Citations
19	Magnetic Resonance Imaging Reveals Therapeutic Effects of Interferon-Beta on Cytokine-Induced Reactivation of Rat Model of Multiple Sclerosis. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 744-753.	2.4	14
20	Mouse Models of Brain Metastasis for Unravelling Tumour Progression. Advances in Experimental Medicine and Biology, 2016, 899, 231-244.	0.8	4