

Serena Marchio'

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,262
citations

201674

27
h-index

214800

47
g-index

48
all docs

48
docs citations

48
times ranked

4432
citing authors

#	ARTICLE	IF	CITATIONS
1	c-fos-induced growth factor/vascular endothelial growth factor D induces angiogenesis in vivo and in vitro. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9671-9676.	7.1	240
2	PRUNE2 is a human prostate cancer suppressor regulated by the intronic long noncoding RNA <i>PCA3</i>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8403-8408.	7.1	226
3	Overexpression of the RON gene in human breast carcinoma. Oncogene, 1998, 16, 2927-2933.	5.9	190
4	Ligand-targeted theranostic nanomedicines against cancer. Journal of Controlled Release, 2016, 240, 267-286.	9.9	154
5	Aminopeptidase A is a functional target in angiogenic blood vessels. Cancer Cell, 2004, 5, 151-162.	16.8	132
6	The Combination of Sorafenib and Everolimus Abrogates mTORC1 and mTORC2 Upregulation in Osteosarcoma Preclinical Models. Clinical Cancer Research, 2013, 19, 2117-2131.	7.0	96
7	Vascular Endothelial Growth Factor-C Stimulates the Migration and Proliferation of Kaposi's Sarcoma Cells. Journal of Biological Chemistry, 1999, 274, 27617-27622.	3.4	86
8	Combined targeting of perivascular and endothelial tumor cells enhances anti-tumor efficacy of liposomal chemotherapy in neuroblastoma. Journal of Controlled Release, 2010, 145, 66-73.	9.9	78
9	Identification of CD36 molecular features required for its in vitro angiostatic activity. FASEB Journal, 2005, 19, 1713-1715.	0.5	73
10	SERS active Ag nanoparticles in mesoporous silicon: detection of organic molecules and peptideâ€“antibody assays. Journal of Raman Spectroscopy, 2012, 43, 730-736.	2.5	70
11	Luminescent Silica Nanoparticles for Cancer Diagnosis. Current Medicinal Chemistry, 2013, 20, 2195-2211.	2.4	70
12	Angiopoietin-like 7, a novel pro-angiogenic factor over-expressed in cancer. Angiogenesis, 2014, 17, 881-896.	7.2	55
13	BCAM and LAMA5 Mediate the Recognition between Tumor Cells and the Endothelium in the Metastatic Spreading of KRAS-Mutant Colorectal Cancer. Clinical Cancer Research, 2016, 22, 4923-4933.	7.0	50
14	Cell surface-associated Tat modulates HIV-1 infection and spreading through a specific interaction with gp120 viral envelope protein. Blood, 2005, 105, 2802-2811.	1.4	44
15	A complex of α_6 integrin and E-cadherin drives liver metastasis of colorectal cancer cells through hepatic angiopoietin-like 6. EMBO Molecular Medicine, 2012, 4, 1156-1175.	6.9	44
16	Novel phage display-derived neuroblastoma-targeting peptides potentiate the effect of drug nanocarriers in preclinical settings. Journal of Controlled Release, 2013, 170, 233-241.	9.9	41
17	Synchronous down-modulation of miR-17 family members is an early causative event in the retinal angiogenic switch. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3770-3775.	7.1	39
18	Targeted molecular-genetic imaging and ligand-directed therapy in aggressive variant prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12786-12791.	7.1	39

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19	Intracellular targeting of annexin A2 inhibits tumor cell adhesion, migration, and in vivo grafting. <i>Scientific Reports</i> , 2017, 7, 4243.	3.3	38
20	Neuroblastoma-targeted nanocarriers improve drug delivery and penetration, delay tumor growth and abrogate metastatic diffusion. <i>Biomaterials</i> , 2015, 68, 89-99.	11.4	36
21	Emerging Pharmacologic Targets in Cerebral Cavernous Malformation and Potential Strategies to Alter the Natural History of a Difficult Disease. <i>JAMA Neurology</i> , 2019, 76, 492.	9.0	36
22	Self-targeting of TNF-releasing cancer cells in preclinical models of primary and metastatic tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2223-2228.	7.1	35
23	Phage Display-Based Nanotechnology Applications in Cancer Immunotherapy. <i>Molecules</i> , 2020, 25, 843.	3.8	32
24	Targeted dual-color silica nanoparticles provide univocal identification of micrometastases in preclinical models of colorectal cancer. <i>International Journal of Nanomedicine</i> , 2012, 7, 4797.	6.7	31
25	Towards a transcriptome-based theranostic platform for unfavorable breast cancer phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12780-12785.	7.1	31
26	Interaction between Tumor Cell Surface Receptor RAGE and Proteinase 3 Mediates Prostate Cancer Metastasis to Bone. <i>Cancer Research</i> , 2017, 77, 3144-3150.	0.9	31
27	Anti-GRP78 autoantibodies induce endothelial cell activation and accelerate the development of atherosclerotic lesions. <i>JCI Insight</i> , 2018, 3, .	5.0	31
28	Bacteriophages as Therapeutic and Diagnostic Vehicles in Cancer. <i>Pharmaceuticals</i> , 2021, 14, 161.	3.8	30
29	BMTP-11 is active in preclinical models of human osteosarcoma and a candidate targeted drug for clinical translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8065-8070.	7.1	26
30	The combination of sorafenib and everolimus shows antitumor activity in preclinical models of malignant pleural mesothelioma. <i>BMC Cancer</i> , 2015, 15, 374.	2.6	24
31	The Neuronal Pentraxin-2 Pathway Is an Unrecognized Target in Human Neuroblastoma, Which Also Offers Prognostic Value in Patients. <i>Cancer Research</i> , 2015, 75, 4265-4271.	0.9	20
32	Interleukin-11 Receptor Is a Candidate Target for Ligand-Directed Therapy in Lung Cancer. <i>American Journal of Pathology</i> , 2016, 186, 2162-2170.	3.8	18
33	Autoantibodies against the cell surface-associated chaperone GRP78 stimulate tumor growth via tissue factor. <i>Journal of Biological Chemistry</i> , 2017, 292, 21180-21192.	3.4	17
34	Antitumor Activity of Src Inhibitor Saracatinib (AZD-0530) in Preclinical Models of Biliary Tract Carcinomas. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1528-1538.	4.1	14
35	Going viral? Linking the etiology of human prostate cancer to the <i>3' long noncoding RNA</i> and oncogenic viruses. <i>EMBO Molecular Medicine</i> , 2017, 9, 1327-1330.	6.9	10
36	A peptide from the extracellular region of the synaptic protein $\hat{\pm}$ Neurexin stimulates angiogenesis and the vascular specific tyrosine kinase Tie2. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 574-579.	2.1	9

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37	Brain endothelial cell-targeted gene therapy of neurovascular disorders. <i>EMBO Molecular Medicine</i> , 2016, 8, 592-594.	6.9	9
38	A new computational approach to analyze human protein complexes and predict novel protein interactions. <i>Genome Biology</i> , 2007, 8, R256.	9.6	8
39	The V1/V2 loop of HIV-1 gp120 is necessary for Tat binding and consequent modulation of virus entry. <i>FEBS Letters</i> , 2013, 587, 2943-2951.	2.8	8
40	Anti-cancer effect and gene modulation of ET-743 in human biliary tract carcinoma preclinical models. <i>BMC Cancer</i> , 2014, 14, 918.	2.6	8
41	Nanoparticles as Physically- and Biochemically-Tuned Drug Formulations for Cancers Therapy. <i>Cancers</i> , 2022, 14, 2473.	3.7	7
42	Targeting the extracellular signature of metastatic colorectal cancers. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 363-379.	3.4	6
43	Emerging lymphae for the fountain of life. <i>EMBO Journal</i> , 2013, 32, 609-611.	7.8	6
44	IL-12-dependent innate immunity arrests endothelial cells in G0/G1 phase by a p21Cip1/Waf1-mediated mechanism. <i>Angiogenesis</i> , 2012, 15, 713-725.	7.2	5
45	A Functional Idiotype/Anti-Idiotype Network Is Active in Genetically Gluten-Intolerant Individuals Negative for Both Celiac Disease-Related Intestinal Damage and Serum Autoantibodies. <i>Journal of Immunology</i> , 2019, 202, 1079-1087.	0.8	4
46	Paclitaxel Restores Sensitivity to Chemotherapy in Preclinical Models of Multidrug-Resistant Intrahepatic Cholangiocarcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 771418.	2.8	4
47	An antivascular vaccine to boost self-immunity and strike the tumor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3164-E3165.	7.1	1
48	Targeted nanomedicines for applications in preclinical cancer models. <i>Bulletin of Russian State Medical University</i> , 2019, , 5-13.	0.2	0