

Stephen Douglas Robinson

List of Publications by Year in descending order

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51
papers

4,684
citations

182225

30
h-index

206121

51
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all docs

62
docs citations

62
times ranked

8207
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Immortalized Endothelial Cells to Study the Roles of Adhesion Molecules in VEGF-Induced Signaling. <i>Methods in Molecular Biology</i> , 2022, 2475, 133-141.	0.4	0
2	Bacterial strains augment cancer therapeutics. <i>Nature Microbiology</i> , 2021, 6, 275-276.	5.9	2
3	Exploring the impact of gut microbiota and diet on breast cancer risk and progression. <i>International Journal of Cancer</i> , 2021, 149, 494-504.	2.3	22
4	Endothelial neuropilin-2 influences angiogenesis by regulating actin pattern development and β 5-integrin-FAK complex recruitment to assembling adhesion sites. <i>FASEB Journal</i> , 2021, 35, e21679.	0.2	24
5	Antibiotic-induced disturbances of the gut microbiota result in accelerated breast tumor growth. <i>IScience</i> , 2021, 24, 103012.	1.9	41
6	ADAMTS-1 and syndecan-4 intersect in the regulation of cell migration and angiogenesis. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	57
7	Cancer Burden Is Controlled by Mural Cell- β 3-Integrin Regulated Crosstalk with Tumor Cells. <i>Cell</i> , 2020, 181, 1346-1363.e21.	13.5	53
8	NRP2 as an Emerging Angiogenic Player; Promoting Endothelial Cell Adhesion and Migration by Regulating Recycling of β 5 Integrin. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 395.	1.8	29
9	The microbiota, antibiotics and breast cancer. <i>Breast Cancer Management</i> , 2019, 8, BMT29.	0.2	8
10	HIF-1 β drives chemokine factor pro-tumoral signaling pathways in acute myeloid leukemia. <i>Oncogene</i> , 2018, 37, 2676-2686.	2.6	25
11	The β 3-integrin endothelial adhesome regulates microtubule-dependent cell migration. <i>EMBO Reports</i> , 2018, 19, .	2.0	25
12	The anti-rheumatic drug, leflunomide, synergizes with MEK inhibition to suppress melanoma growth. <i>Oncotarget</i> , 2018, 9, 3815-3829.	0.8	17
13	PI3K δ and PI3K γ isoforms have distinct functions in regulating pro-tumoural signalling in the multiple myeloma microenvironment. <i>Blood Cancer Journal</i> , 2017, 7, e539-e539.	2.8	22
14	Leukemic blasts program bone marrow adipocytes to generate a protumoral microenvironment. <i>Blood</i> , 2017, 129, 1320-1332.	0.6	226
15	Sulforaphane exerts anti-angiogenesis effects against hepatocellular carcinoma through inhibition of STAT3/HIF-1 β /VEGF signalling. <i>Scientific Reports</i> , 2017, 7, 12651.	1.6	81
16	NADPH oxidase-2 derived superoxide drives mitochondrial transfer from bone marrow stromal cells to leukemic blasts. <i>Blood</i> , 2017, 130, 1649-1660.	0.6	242
17	Antagonizing Integrin β 3 Increases Immunosuppression in Cancer. <i>Cancer Research</i> , 2016, 76, 3484-3495.	0.4	58
18	Bone Marrow Mesenchymal Stromal Cells Transfer Their Mitochondria to Acute Myeloid Leukaemia Blasts to Support Their Proliferation and Survival. <i>Blood</i> , 2016, 128, 772-772.	0.6	2

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19	Metalloproteinase-dependent and -independent processes contribute to inhibition of breast cancer cell migration, angiogenesis and liver metastasis by a disintegrin and metalloproteinase with thrombospondin motifs. International Journal of Cancer, 2015, 136, E14-26.	2.3	46
20	Suppressing α 23-integrin triggers a neuropilin-1 dependent change in focal adhesion remodelling that can be targeted to block pathological angiogenesis. DMM Disease Models and Mechanisms, 2015, 8, 1105-19.	1.2	23
21	Pleiotropic functions of the tumor- and metastasis-suppressing matrix metalloproteinase-8 in mammary cancer in MMTV-PyMT transgenic mice. Breast Cancer Research, 2015, 17, 38.	2.2	35
22	Acute Depletion of Endothelial α 23-Integrin Transiently Inhibits Tumor Growth and Angiogenesis in Mice. Circulation Research, 2014, 114, 79-91.	2.0	36
23	Redefining the role(s) of endothelial α 23-integrin in angiogenesis. Biochemical Society Transactions, 2014, 42, 1590-1595.	1.6	31
24	Generation of point-mutant α FAK knockin mice. Genesis, 2014, 52, 907-915.	0.8	8
25	Endogenous ribosomal protein L29 (RPL29): a newly identified regulator of angiogenesis in mice. DMM Disease Models and Mechanisms, 2013, 6, 115-24.	1.2	13
26	FAK-heterozygous mice display enhanced tumour angiogenesis. Nature Communications, 2013, 4, 2020.	5.8	41
27	Stromal Claudin14-Heterozygosity, but Not Deletion, Increases Tumour Blood Leakage without Affecting Tumour Growth. PLoS ONE, 2013, 8, e62516.	1.1	14
28	Use of the mouse aortic ring assay to study angiogenesis. Nature Protocols, 2012, 7, 89-104.	5.5	400
29	The role of α 23-integrins in tumor angiogenesis: context is everything. Current Opinion in Cell Biology, 2011, 23, 630-637.	2.6	113
30	Genetic ablation of the α 6-integrin subunit in Tie1Cre mice enhances tumour angiogenesis. Journal of Pathology, 2010, 220, 370-381.	2.1	31
31	Endothelial FAK is required for tumour angiogenesis. EMBO Molecular Medicine, 2010, 2, 516-528.	3.3	121
32	Tumour angiogenesis is reduced in the Tc1 mouse model of Down's syndrome. Nature, 2010, 465, 813-817.	13.7	122
33	Endothelial-Rac1 Is Not Required for Tumor Angiogenesis unless α 23-Integrin Is Absent. PLoS ONE, 2010, 5, e9766.	1.1	22
34	α 23 integrin spatially regulates VASP and RIAM to control adhesion dynamics and migration. Journal of Cell Biology, 2010, 189, 369-383.	2.3	77
35	Endothelial α 31-Integrin Represses Pathological Angiogenesis and Sustains Endothelial-VEGF. American Journal of Pathology, 2010, 177, 1534-1548.	1.9	54
36	α 23 Integrin Limits the Contribution of Neuropilin-1 to Vascular Endothelial Growth Factor-induced Angiogenesis. Journal of Biological Chemistry, 2009, 284, 33966-33981.	1.6	88

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37	Regulation of lymphatic-blood vessel separation by endothelial Rac1. <i>Development (Cambridge)</i> , 2009, 136, 4043-4053.	1.2	40
38	Stimulation of tumor growth and angiogenesis by low concentrations of RGD-mimetic integrin inhibitors. <i>Nature Medicine</i> , 2009, 15, 392-400.	15.2	428
39	β 3 β 1 integrin-controlled Smad7 regulates reepithelialization during wound healing in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 965-74.	3.9	80
40	The Inflammatory Cytokine Tumor Necrosis Factor- β Generates an Autocrine Tumor-Promoting Network in Epithelial Ovarian Cancer Cells. <i>Cancer Research</i> , 2007, 67, 585-592.	0.4	350
41	Generation of Genetically Modified Embryonic Stem Cells for the Development of Knockout Mouse Animal Model Systems. , 2006, 120, 465-478.		3
42	Evaluating The Role Of β 3 Integrins In Angiogenesis. <i>FASEB Journal</i> , 2006, 20, A22.	0.2	0
43	Accelerated re-epithelialization in β 3-integrin-deficient- mice is associated with enhanced TGF- β 1 signaling. <i>Nature Medicine</i> , 2005, 11, 167-174.	15.2	132
44	Elevated Flk1 (Vascular Endothelial Growth Factor Receptor 2) Signaling Mediates Enhanced Angiogenesis in β 3-Integrin-Deficient Mice. <i>Cancer Research</i> , 2004, 64, 8643-8650.	0.4	148
45	β 3-Integrin Regulates Vascular Endothelial Growth Factor- α -Dependent Permeability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2108-2114.	1.1	83
46	Enhanced pathological angiogenesis in mice lacking β 3 integrin or β 3 and β 5 integrins. <i>Nature Medicine</i> , 2002, 8, 27-34.	15.2	603
47	The Transforming Growth Factors Beta in Development and Functional Differentiation of the Mouse Mammary Gland. <i>Advances in Experimental Medicine and Biology</i> , 2001, 501, 61-70.	0.8	35
48	Precocious Mammary Gland Development in P-Cadherin-deficient Mice. <i>Journal of Cell Biology</i> , 1997, 139, 1025-1032.	2.3	232
49	The role of TGF- β 2 in patterning and growth of the mammary ductal tree. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 1996, 1, 331-341.	1.0	76
50	Regulation of mammary growth and function by TGF- β . <i>Molecular Reproduction and Development</i> , 1992, 32, 145-151.	1.0	56
51	TGF- β 1-induced inhibition of mouse mammary ductal growth: Developmental specificity and characterization. <i>Developmental Biology</i> , 1989, 135, 20-30.	0.9	171