

Kairbaan M Hodivala-Dilke

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3764761/kairbaan-m-hodivala-dilke-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

5,705
citations

31
h-index

68
g-index

68
ext. papers

6,320
ext. citations

13.1
avg, IF

5.35
L-index

#	Paper	IF	Citations
61	Beta3-integrin-deficient mice are a model for Glanzmann thrombasthenia showing placental defects and reduced survival. <i>Journal of Clinical Investigation</i> , 1999 , 103, 229-38	15.9	581
60	Enhanced pathological angiogenesis in mice lacking beta3 integrin or beta3 and beta5 integrins. <i>Nature Medicine</i> , 2002 , 8, 27-34	50.5	561
59	Bone marrow contributes to renal parenchymal turnover and regeneration. <i>Journal of Pathology</i> , 2001 , 195, 229-35	9.4	550
58	Stimulation of tumor growth and angiogenesis by low concentrations of RGD-mimetic integrin inhibitors. <i>Nature Medicine</i> , 2009 , 15, 392-400	50.5	390
57	alpha3beta1 Integrin is required for normal development of the epidermal basement membrane. <i>Journal of Cell Biology</i> , 1997 , 137, 729-42	7.3	362
56	Use of the mouse aortic ring assay to study angiogenesis. <i>Nature Protocols</i> , 2011 , 7, 89-104	18.8	333
55	Efficient, inducible Cre-recombinase activation in vascular endothelium. <i>Genesis</i> , 2008 , 46, 74-80	1.9	219
54	Integrins: the keys to unlocking angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1703-13	9.4	203
53	Novel roles for alpha3beta1 integrin as a regulator of cytoskeletal assembly and as a trans-dominant inhibitor of integrin receptor function in mouse keratinocytes. <i>Journal of Cell Biology</i> , 1998 , 142, 1357-69	7.3	192
52	Specific deletion of focal adhesion kinase suppresses tumor formation and blocks malignant progression. <i>Genes and Development</i> , 2004 , 18, 2998-3003	12.6	174
51	Elevated Flk1 (vascular endothelial growth factor receptor 2) signaling mediates enhanced angiogenesis in beta3-integrin-deficient mice. <i>Cancer Research</i> , 2004 , 64, 8643-50	10.1	139
50	Dual-action combination therapy enhances angiogenesis while reducing tumor growth and spread. <i>Cancer Cell</i> , 2015 , 27, 123-37	24.3	135
49	Integrins in angiogenesis: multitasking molecules in a balancing act. <i>Cell and Tissue Research</i> , 2003 , 314, 131-44	4.2	129
48	The endothelial transcription factor ERG promotes vascular stability and growth through Wnt/β-catenin signaling. <i>Developmental Cell</i> , 2015 , 32, 82-96	10.2	124
47	Focal adhesion kinase and tumour angiogenesis. <i>Journal of Pathology</i> , 2012 , 226, 404-12	9.4	122
46	Endothelial-cell FAK targeting sensitizes tumours to DNA-damaging therapy. <i>Nature</i> , 2014 , 514, 112-6	50.4	107
45	alpha3beta3 integrin and angiogenesis: a moody integrin in a changing environment. <i>Current Opinion in Cell Biology</i> , 2008 , 20, 514-9	9	107

44	Tumour angiogenesis is reduced in the Tc1 mouse model of Down's syndrome. <i>Nature</i> , 2010 , 465, 813-7	50.4	101
43	Endothelial FAK is required for tumour angiogenesis. <i>EMBO Molecular Medicine</i> , 2010 , 2, 516-28	12	101
42	The role of β -integrins in tumor angiogenesis: context is everything. <i>Current Opinion in Cell Biology</i> , 2011 , 23, 630-7	9	99
41	Beta3-integrin regulates vascular endothelial growth factor-A-dependent permeability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 2108-14	9.4	77
40	Alphav beta3 integrin limits the contribution of neuropilin-1 to vascular endothelial growth factor-induced angiogenesis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 33966-81	5.4	74
39	Single-cell transcriptome analyses reveal novel targets modulating cardiac neovascularization by resident endothelial cells following myocardial infarction. <i>European Heart Journal</i> , 2019 , 40, 2507-2520	9.5	71
38	Exploring Novel Methods for Modulating Tumor Blood Vessels in Cancer Treatment. <i>Current Biology</i> , 2016 , 26, R1161-R1166	6.3	65
37	$\alpha\beta$ Integrin and tumour blood vessels-learning from the past to shape the future. <i>Current Opinion in Cell Biology</i> , 2016 , 42, 121-127	9	65
36	Molecular Pathways: Endothelial Cell FAK-A Target for Cancer Treatment. <i>Clinical Cancer Research</i> , 2016 , 22, 3718-24	12.9	60
35	Cancer associated fibroblast FAK regulates malignant cell metabolism. <i>Nature Communications</i> , 2020 , 11, 1290	17.4	53
34	Endothelial alpha3beta1-integrin represses pathological angiogenesis and sustains endothelial-VEGF. <i>American Journal of Pathology</i> , 2010 , 177, 1534-48	5.8	49
33	Pancreatic stellate cells regulate blood vessel density in the stroma of pancreatic ductal adenocarcinoma. <i>Pancreatology</i> , 2016 , 16, 995-1004	3.8	40
32	Primary mouse endothelial cell culture for assays of angiogenesis. <i>Methods in Molecular Medicine</i> , 2006 , 120, 503-9		34
31	Acute depletion of endothelial β -integrin transiently inhibits tumor growth and angiogenesis in mice. <i>Circulation Research</i> , 2014 , 114, 79-91	15.7	31
30	FAK-heterozygous mice display enhanced tumour angiogenesis. <i>Nature Communications</i> , 2013 , 4, 2020	17.4	30
29	Gene expression analysis in human breast cancer associated blood vessels. <i>PLoS ONE</i> , 2012 , 7, e44294	3.7	27
28	Genetic ablation of the alpha 6-integrin subunit in Tie1Cre mice enhances tumour angiogenesis. <i>Journal of Pathology</i> , 2010 , 220, 370-81	9.4	26
27	Overcoming the Lack of Oral Availability of Cyclic Hexapeptides: Design of a Selective and Orally Available Ligand for the Integrin $\alpha\beta$. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16405-16409	16.4	24

26	Tumor Angiogenesis Is Differentially Regulated by Phosphorylation of Endothelial Cell Focal Adhesion Kinase Tyrosines-397 and -861. <i>Cancer Research</i> , 2019 , 79, 4371-4386	10.1	24
25	Endothelial-Rac1 is not required for tumor angiogenesis unless alphavbeta3-integrin is absent. <i>PLoS ONE</i> , 2010 , 5, e9766	3.7	21
24	Cancer Burden Is Controlled by Mural Cell- β -Integrin Regulated Crosstalk with Tumor Cells. <i>Cell</i> , 2020 , 181, 1346-1363.e21	56.2	20
23	Dual role of pericyte β β -integrin in tumour blood vessels. <i>Journal of Cell Science</i> , 2017 , 130, 1583-1595	5.3	18
22	Tumour-associated endothelial-FAK correlated with molecular sub-type and prognostic factors in invasive breast cancer. <i>BMC Cancer</i> , 2014 , 14, 237	4.8	18
21	Deficiency of bone marrow beta3-integrin enhances non-functional neovascularization. <i>Journal of Pathology</i> , 2010 , 220, 435-45	9.4	16
20	Pericyte FAK negatively regulates Gas6/Axl signalling to suppress tumour angiogenesis and tumour growth. <i>Nature Communications</i> , 2020 , 11, 2810	17.4	15
19	Focal Adhesion Kinase (FAK) tyrosine 397E mutation restores the vascular leakage defect in endothelium-specific FAK-kinase dead mice. <i>Journal of Pathology</i> , 2017 , 242, 358-370	9.4	13
18	Stromal Claudin14-heterozygosity, but not deletion, increases tumour blood leakage without affecting tumour growth. <i>PLoS ONE</i> , 2013 , 8, e62516	3.7	13
17	Tumor Cell-Derived Angiopoietin-2 Promotes Metastasis in Melanoma. <i>Cancer Research</i> , 2020 , 80, 2586-2598	12	12
16	A HIF-LIMD1 negative feedback mechanism mitigates the pro-tumorigenic effects of hypoxia. <i>EMBO Molecular Medicine</i> , 2018 , 10,	12	11
15	Novel Pure α β Integrin Antagonists That Do Not Induce Receptor Extension, Prime the Receptor, or Enhance Angiogenesis at Low Concentrations. <i>ACS Pharmacology and Translational Science</i> , 2019 , 2, 387-401	5.9	10
14	Macrophages induce malignant traits in mammary epithelium via IKK β /TBK1 kinases and the serine biosynthesis pathway. <i>EMBO Molecular Medicine</i> , 2020 , 12, e10491	12	9
13	Haematopoietic focal adhesion kinase deficiency alters haematopoietic homeostasis to drive tumour metastasis. <i>Nature Communications</i> , 2014 , 5, 5054	17.4	9
12	"Splitting the matrix": intussusceptive angiogenesis meets MT1-MMP. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11663	12	6
11	Reply to: Will integrin inhibitors have proangiogenic effects in the clinic? <i>Nature Medicine</i> , 2009 , 15, 727-727	50.5	6
10	Pancreatic Cancer Chemotherapy Is Potentiated by Induction of Tertiary Lymphoid Structures in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 12, 1543-1565	7.9	6
9	Lösung des Problems mangelnder oraler Verfügbarkeit cyclischer Hexapeptide: Entwicklung eines selektiven, oral verfügbaren Liganden für das Integrin α β . <i>Angewandte Chemie</i> , 2017 , 129, 16624-16629	3.6	5

8	Disruption of pancreatic stellate cell myofibroblast phenotype promotes pancreatic tumor invasion.. <i>Cell Reports</i> , 2022 , 38, 110227	10.6	5
7	Phosphorylation of pericyte FAK-Y861 affects tumour cell apoptosis and tumour blood vessel regression. <i>Angiogenesis</i> , 2021 , 24, 471-482	10.6	4
6	Improved Immunotherapy Efficacy by Vascular Modulation. <i>Cancers</i> , 2021 , 13,	6.6	3
5	Repurposing an anti-cancer agent for the treatment of hypertrophic heart disease. <i>Journal of Pathology</i> , 2019 , 249, 523-535	9.4	2
4	Phosphorylation of pericyte FAK-Y861 affects tumour cell apoptosis and tumour blood vessel regression		2
3	Association of Low Tumor Endothelial Cell pY397-Focal Adhesion Kinase Expression With Survival in Patients With Neoadjuvant-Treated Locally Advanced Breast Cancer. <i>JAMA Network Open</i> , 2020 , 3, e2019304	10.4	1
2	Measuring angiogenesis in mice. <i>Methods in Molecular Biology</i> , 2011 , 769, 351-8	1.4	
1	Sticky science is skin deep. <i>Journal of Cell Science</i> , 2001 , 114, 3582-3582	5.3	