

Staffan Strömlad

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

67

papers

4,661

citations

29

h-index

68

g-index

75

ext. papers

5,109

ext. citations

9.4

avg, IF

4.94

L-index

#	Paper	IF	Citations
67	Localization of matrix metalloproteinase MMP-2 to the surface of invasive cells by interaction with integrin alpha v beta 3. <i>Cell</i> , 1996 , 85, 683-93	56.2	1403
66	Integrin alphavbeta3 requirement for sustained mitogen-activated protein kinase activity during angiogenesis. <i>Journal of Cell Biology</i> , 1998 , 140, 1255-63	7.3	358
65	Tracheobronchial transplantation with a stem-cell-seeded bioartificial nanocomposite: a proof-of-concept study. <i>Lancet, The</i> , 2011 , 378, 1997-2004	4.0	353
64	Myosin-X provides a motor-based link between integrins and the cytoskeleton. <i>Nature Cell Biology</i> , 2004 , 6, 523-31	23.4	284
63	Requirement of receptor-bound urokinase-type plasminogen activator for integrin alphavbeta5-directed cell migration. <i>Journal of Biological Chemistry</i> , 1996 , 271, 29393-9	5.4	195
62	Cell-matrix adhesion complexes: master control machinery of cell migration. <i>Seminars in Cancer Biology</i> , 2008 , 18, 65-76	12.7	172
61	Integrins, angiogenesis and vascular cell survival. <i>Chemistry and Biology</i> , 1996 , 3, 881-5		160
60	Cell adhesion and angiogenesis. <i>Trends in Cell Biology</i> , 1996 , 6, 462-8	18.3	159
59	p21-activated kinase 4 regulates ovarian cancer cell proliferation, migration, and invasion and contributes to poor prognosis in patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18622-7	11.5	139
58	WRAP53 is essential for Cajal body formation and for targeting the survival of motor neuron complex to Cajal bodies. <i>PLoS Biology</i> , 2010 , 8, e1000521	9.7	93
57	P21-activated kinase 4 interacts with integrin alpha v beta 5 and regulates alpha v beta 5-mediated cell migration. <i>Journal of Cell Biology</i> , 2002 , 158, 1287-97	7.3	82
56	Early B cell factor 1 regulates adipocyte morphology and lipolysis in white adipose tissue. <i>Cell Metabolism</i> , 2014 , 19, 981-92	24.6	72
55	RANTES promotes growth and survival of human first-trimester forebrain astrocytes. <i>Nature Cell Biology</i> , 2001 , 3, 150-7	23.4	71
54	Cell attachment to the extracellular matrix induces proteasomal degradation of p21(CIP1) via Cdc42/Rac1 signaling. <i>Molecular and Cellular Biology</i> , 2002 , 22, 4587-97	4.8	71
53	Reticular adhesions are a distinct class of cell-matrix adhesions that mediate attachment during mitosis. <i>Nature Cell Biology</i> , 2018 , 20, 1290-1302	23.4	65
52	PtdIns(3,4,5)PIs a regulator of myosin-X localization and filopodia formation. <i>Journal of Cell Science</i> , 2010 , 123, 3525-34	5.3	62
51	Active and inactive α integrins segregate into distinct nanoclusters in focal adhesions. <i>Journal of Cell Biology</i> , 2018 , 217, 1929-1940	7.3	52

50	Integrin alphav-mediated inactivation of p53 controls a MEK1-dependent melanoma cell survival pathway in three-dimensional collagen. <i>Journal of Cell Biology</i> , 2004 , 167, 745-56	7.3	51
49	Kindlin-2 is expressed in malignant mesothelioma and is required for tumor cell adhesion and migration. <i>International Journal of Cancer</i> , 2010 , 127, 1999-2008	7.5	50
48	PRIMA-1Met/APR-246 induces wild-type p53-dependent suppression of malignant melanoma tumor growth in 3D culture and in vivo. <i>Cell Cycle</i> , 2011 , 10, 301-7	4.7	45
47	p21-activated kinase 4 phosphorylation of integrin beta5 Ser-759 and Ser-762 regulates cell migration. <i>Journal of Biological Chemistry</i> , 2010 , 285, 23699-710	5.4	42
46	Cell to extracellular matrix interactions and their reciprocal nature in cancer. <i>Experimental Cell Research</i> , 2013 , 319, 1663-70	4.2	39
45	Systems microscopy: an emerging strategy for the life sciences. <i>Experimental Cell Research</i> , 2010 , 316, 1438-44	4.2	33
44	The coupling between transforming growth factor-alpha and the epidermal growth factor receptor during rat liver regeneration. <i>Experimental Cell Research</i> , 1993 , 204, 321-8	4.2	33
43	p21-activated kinase group II small compound inhibitor GNE-2861 perturbs estrogen receptor alpha signaling and restores tamoxifen-sensitivity in breast cancer cells. <i>Oncotarget</i> , 2015 , 6, 43853-68	3.3	32
42	Integrin-mediated cell attachment induces a PAK4-dependent feedback loop regulating cell adhesion through modified integrin alpha v beta 5 clustering and turnover. <i>Molecular Biology of the Cell</i> , 2010 , 21, 3317-29	3.5	32
41	Molecular networks of DYX1C1 gene show connection to neuronal migration genes and cytoskeletal proteins. <i>Biological Psychiatry</i> , 2013 , 73, 583-90	7.9	31
40	A plastic relationship between vinculin-mediated tension and adhesion complex area defines adhesion size and lifetime. <i>Nature Communications</i> , 2015 , 6, 7524	17.4	30
39	Kindlin-2 controls sensitivity of prostate cancer cells to cisplatin-induced cell death. <i>Cancer Letters</i> , 2010 , 299, 54-62	9.9	29
38	Rap1-GTP-interacting adaptor molecule (RIAM) protein controls invasion and growth of melanoma cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 18492-504	5.4	28
37	Clathrin-containing adhesion complexes. <i>Journal of Cell Biology</i> , 2019 , 218, 2086-2095	7.3	26
36	Anchorage-independent cytokinesis as part of oncogenic transformation?. <i>Cell Cycle</i> , 2008 , 7, 984-8	4.7	25
35	Oncogenic H-Ras V12 promotes anchorage-independent cytokinesis in human fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 20338-43	11.5	24
34	Focal adhesion disassembly is regulated by a RIAM to MEK-1 pathway. <i>Journal of Cell Science</i> , 2012 , 125, 5338-52	5.3	23
33	An analysis toolbox to explore mesenchymal migration heterogeneity reveals adaptive switching between distinct modes. <i>ELife</i> , 2016 , 5, e11384	8.9	23

32	Loss of p53 compensates for alpha v-integrin function in retinal neovascularization. <i>Journal of Biological Chemistry</i> , 2002 , 277, 13371-4	5.4	22
31	Verification of cell viability in bioengineered tissues and organs before clinical transplantation. <i>Biomaterials</i> , 2013 , 34, 4057-4067	15.6	21
30	An open data ecosystem for cell migration research. <i>Trends in Cell Biology</i> , 2015 , 25, 55-8	18.3	21
29	A feedback regulation between Kindlin-2 and GLI1 in prostate cancer cells. <i>FEBS Letters</i> , 2013 , 587, 631-8	9.8	20
28	Plasticity in the macromolecular-scale causal networks of cell migration. <i>PLoS ONE</i> , 2014 , 9, e90593	3.7	19
27	PAK4 suppresses RELB to prevent senescence-like growth arrest in breast cancer. <i>Nature Communications</i> , 2019 , 10, 3589	17.4	18
26	Inflammation-Sensitive Myosin-X Functionally Supports Leukocyte Extravasation by Cdc42-Mediated ICAM-1-Rich Endothelial Filopodia Formation. <i>Journal of Immunology</i> , 2018 , 200, 1790-1801	5.3	17
25	KIF13A-regulated RhoB plasma membrane localization governs membrane blebbing and blebby amoeboid cell migration. <i>EMBO Journal</i> , 2018 , 37,	13	15
24	Identification of the PAK4 interactome reveals PAK4 phosphorylation of N-WASP and promotion of Arp2/3-dependent actin polymerization. <i>Oncotarget</i> , 2017 , 8, 77061-77074	3.3	15
23	Retinoblastoma susceptibility gene product (pRb) and p107 functionally separate the requirements for serum and anchorage in the cell cycle G1-phase. <i>Journal of Biological Chemistry</i> , 2004 , 279, 13640-4	5.4	14
22	Protein kinase C[PKC] regulates p53 localization and melanoma cell survival downstream of integrin α in three-dimensional collagen and in vivo. <i>Journal of Biological Chemistry</i> , 2012 , 287, 29336-47	5.4	13
21	Disentangling Membrane Dynamics and Cell Migration; Differential Influences of F-actin and Cell-Matrix Adhesions. <i>PLoS ONE</i> , 2015 , 10, e0135204	3.7	12
20	Recombinant CD44-HABD is a novel and potent direct angiogenesis inhibitor enforcing endothelial cell-specific growth inhibition independently of hyaluronic acid binding. <i>Oncogene</i> , 2004 , 23, 7874-81	9.2	11
19	Community standards for open cell migration data. <i>GigaScience</i> , 2020 , 9,	7.6	9
18	Non-monotonic cellular responses to heterogeneity in talin protein expression-level. <i>Integrative Biology (United Kingdom)</i> , 2015 , 7, 1171-85	3.7	8
17	Use of an Immobilized Monoclonal Antibody to Examine Integrin alpha5beta1 Signaling Independent of Cell Spreading. <i>Biological Procedures Online</i> , 2002 , 4, 81-87	8.3	8
16	Increased expression of and sensitivity to transforming growth factor-alpha: a promotive role during rat liver carcinogenesis. <i>Molecular Carcinogenesis</i> , 1994 , 10, 97-104	5	7
15	A small-molecule ICMT inhibitor delays senescence of Hutchinson-Gilford progeria syndrome cells. <i>ELife</i> , 2021 , 10,	8.9	5

14	Pdx1-Cre-driven conditional gene depletion suggests PAK4 as dispensable for mouse pancreas development. <i>Scientific Reports</i> , 2017 , 7, 7031	4.9	3
13	Community Standards for Open Cell Migration Data		3
12	Using Systems Microscopy to Understand the Emergence of Cell Migration from Cell Organization. <i>Methods in Molecular Biology</i> , 2018 , 1749, 119-134	1.4	2
11	Author Accountability in Biomedical Research. <i>Stem Cells and Development</i> , 2018 , 27, 1671-1673	4.4	2
10	Retraction notice to:"Verification of cell viability in bioengineered tissues and organs before clinical transplantation " [BIOMATERIALS (2013) 4057-4067]. <i>Biomaterials</i> , 2019 , 199, 88	15.6	1
9	Normal mammary gland development after MMTV-Cre mediated conditional PAK4 gene depletion. <i>Scientific Reports</i> , 2019 , 9, 14436	4.9	1
8	Functional characterization of human Kindlin-2 core promoter identifies a key role of SP1 in Kindlin-2 transcriptional regulation. <i>Cellular and Molecular Biology Letters</i> , 2011 , 16, 638-51	8.1	1
7	Normal mammary gland development after MMTV-Cre mediated conditional PAK4 gene depletion		1
6	Why is PAK4 overexpressed in cancer?. <i>International Journal of Biochemistry and Cell Biology</i> , 2021 , 138, 106041	5.6	1
5	New control of the senescence barrier in breast cancer. <i>Molecular and Cellular Oncology</i> , 2020 , 7, 16841292	2.2	0
4	Cancer biology: Hypoxia-induced talin tail-docking sparks cancer metastasis.. <i>Current Biology</i> , 2022 , 32, R79-R81	6.3	0
3	Branching out in tumour therapy. <i>Trends in Cell Biology</i> , 1998 , 8, 421-422	18.3	
2	The Role of Integrin $\alpha 5 \beta 1$ in Cell Survival and Angiogenesis 1997 , 35-42		
1	Local temporal Rac1-GTP nadirs and peaks restrict cell protrusions and retractions.. <i>Science Advances</i> , 2022 , 8, eabl3667	14.3	