

# John E Eriksson

## List of Publications by Citations

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69  
papers

6,107  
citations

38  
h-index

70  
g-index

70  
ext. papers

6,753  
ext. citations

6.7  
avg, IF

5.4  
L-index

#	Paper	IF	Citations
69	Novel functions of vimentin in cell adhesion, migration, and signaling. <i>Experimental Cell Research</i> , <b>2007</b> , 313, 2050-62	4.2	532
68	Targeting of porous hybrid silica nanoparticles to cancer cells. <i>ACS Nano</i> , <b>2009</b> , 3, 197-206	16.7	438
67	Vimentin function in lymphocyte adhesion and transcellular migration. <i>Nature Cell Biology</i> , <b>2006</b> , 8, 156-62	6.4	338
66	Intermediate filament protein partnership in astrocytes. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 23996-4006	28.6	286
65	Introducing intermediate filaments: from discovery to disease. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 1763-71	15.9	276
64	Multisite phosphorylation provides sophisticated regulation of transcription factors. <i>Trends in Biochemical Sciences</i> , <b>2002</b> , 27, 619-27	10.3	261
63	MAPK/ERK overrides the apoptotic signaling from Fas, TNF, and TRAIL receptors. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 16484-90	5.4	253
62	Specific in vivo phosphorylation sites determine the assembly dynamics of vimentin intermediate filaments. <i>Journal of Cell Science</i> , <b>2004</b> , 117, 919-32	5.3	234
61	Targeted intracellular delivery of hydrophobic agents using mesoporous hybrid silica nanoparticles as carrier systems. <i>Nano Letters</i> , <b>2009</b> , 9, 3308-11	11.5	194
60	Vimentin coordinates fibroblast proliferation and keratinocyte differentiation in wound healing via TGF- $\beta$ /Slug signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E4320-7	11.5	179
59	Enhancement of fibroblast collagenase (matrix metalloproteinase-1) gene expression by ceramide is mediated by extracellular signal-regulated and stress-activated protein kinase pathways. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 5137-45	5.4	171
58	Tissue inhibitor of metalloproteinases-3 induces apoptosis in melanoma cells by stabilization of death receptors. <i>Oncogene</i> , <b>2003</b> , 22, 2121-34	9.2	146
57	Cancer-cell-specific induction of apoptosis using mesoporous silica nanoparticles as drug-delivery vectors. <i>Small</i> , <b>2010</b> , 6, 1234-41	11	142
56	A nestin scaffold links Cdk5/p35 signaling to oxidant-induced cell death. <i>EMBO Journal</i> , <b>2006</b> , 25, 4808-19	13	132
55	Binding and phosphorylation of par-4 by akt is essential for cancer cell survival. <i>Molecular Cell</i> , <b>2005</b> , 20, 33-44	17.6	131
54	Intermediate filament dynamics. <i>Current Opinion in Cell Biology</i> , <b>1992</b> , 4, 99-104	9	130
53	The expression of intermediate filament protein nestin as related to vimentin and desmin in regenerating skeletal muscle. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2001</b> , 60, 588-97	3.1	127

52	Cdk5 regulates the organization of Nestin and its association with p35. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 5090-106	4.8	123
51	Rapid turnover of c-FLIPshort is determined by its unique C-terminal tail. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 27345-55	5.4	119
50	Bidirectional Interplay between Vimentin Intermediate Filaments and Contractile Actin Stress Fibers. <i>Cell Reports</i> , <b>2015</b> , 11, 1511-8	10.6	102
49	Interphase phosphorylation of lamin A. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 2683-96	5.3	99
48	Mitotic reorganization of the intermediate filament protein nestin involves phosphorylation by cdc2 kinase. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 16456-63	5.4	93
47	Inhibition of mitogen-activated kinase signaling sensitizes HeLa cells to Fas receptor-mediated apoptosis. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 5991-6002	4.8	93
46	Vimentin intermediate filaments control actin stress fiber assembly through GEF-H1 and RhoA. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 892-902	5.3	91
45	The intermediate filament protein keratin 8 is a novel cytoplasmic substrate for c-Jun N-terminal kinase. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 10767-74	5.4	91
44	Erythroid differentiation sensitizes K562 leukemia cells to TRAIL-induced apoptosis by downregulation of c-FLIP. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 1278-91	4.8	85
43	Mitogen-activated protein kinase/extracellular signal-regulated kinase signaling in activated T cells abrogates TRAIL-induced apoptosis upstream of the mitochondrial amplification loop and caspase-8. <i>Journal of Immunology</i> , <b>2002</b> , 169, 2851-60	5.3	82
42	Intermediate filaments as signaling platforms. <i>Science</i> STKE: Signal Transduction Knowledge Environment, <b>2006</b> , 2006, pe53		81
41	Enhancement of fibroblast collagenase-1 (MMP-1) gene expression by tumor promoter okadaic acid is mediated by stress-activated protein kinases Jun N-terminal kinase and p38. <i>Matrix Biology</i> , <b>1998</b> , 17, 547-57	11.4	77
40	Providing cellular signposts--post-translational modifications of intermediate filaments. <i>FEBS Letters</i> , <b>2008</b> , 582, 2140-8	3.8	68
39	Sugar-decorated mesoporous silica nanoparticles as delivery vehicles for the poorly soluble drug celastrol enables targeted induction of apoptosis in cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 96, 11-21	5.7	66
38	Reference-facilitated phosphoproteomics: fast and reliable phosphopeptide validation by microLC-ESI-Q-TOF MS/MS. <i>Molecular and Cellular Proteomics</i> , <b>2007</b> , 6, 1380-91	7.6	64
37	Selective regulation of Notch ligands during angiogenesis is mediated by vimentin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E4574-E4581	11.5	61
36	Disturbances in hepatic cell-cycle regulation in mice with assembly-deficient keratins 8/18. <i>Hepatology</i> , <b>2001</b> , 34, 1174-83	11.2	60
35	Intermediate Filaments and the Regulation of Cell Motility during Regeneration and Wound Healing. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2017</b> , 9,	10.2	53

34	Shape engineering vs organic modification of inorganic nanoparticles as a tool for enhancing cellular internalization. <i>Nanoscale Research Letters</i> , <b>2012</b> , 7, 358	5	51
33	CD73 participates in cellular multiresistance program and protects against TRAIL-induced apoptosis. <i>Journal of Immunology</i> , <b>2008</b> , 181, 464-75	5.3	44
32	A simple mass-action model for the eukaryotic heat shock response and its mathematical validation. <i>Natural Computing</i> , <b>2011</b> , 10, 595-612	1.3	42
31	Vimentin regulates Notch signaling strength and arterial remodeling in response to hemodynamic stress. <i>Scientific Reports</i> , <b>2019</b> , 9, 12415	4.9	38
30	Phosphorylation of lamins determine their structural properties and signaling functions. <i>Nucleus</i> , <b>2015</b> , 6, 166-71	3.9	38
29	Nestin as a regulator of Cdk5 in differentiating myoblasts. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 1539-49	4.5	38
28	Nestin is not essential for development of the CNS but required for dispersion of acetylcholine receptor clusters at the area of neuromuscular junctions. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 11547-52	6.6	37
27	Insights into intermediate filament regulation from development to ageing. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 1363-72	5.3	37
26	Type-2A protein phosphatase activity is required to maintain death receptor responsiveness. <i>Oncogene</i> , <b>2003</b> , 22, 7677-86	9.2	34
25	Nestin regulates prostate cancer cell invasion by influencing the localisation and functions of FAK and integrins. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 2161-73	5.3	31
24	Phosphorylation-Based Signaling in Fas Receptor-Mediated Apoptosis. <i>Critical Reviews in Immunology</i> , <b>2000</b> , 20, 32	1.8	29
23	Instant decisions: transcription-independent control of death-receptor-mediated apoptosis. <i>Trends in Biochemical Sciences</i> , <b>2004</b> , 29, 601-8	10.3	27
22	Vimentin is a functional partner of hormone sensitive lipase and facilitates lipolysis. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 1786-94	5.6	26
21	Fast track to a phosphoprotein sketch - MALDI-TOF characterization of TLC-based tryptic phosphopeptide maps at femtomolar detection sensitivity. <i>Proteomics</i> , <b>2006</b> , 6, 5676-82	4.8	26
20	Sphingolipids inhibit vimentin-dependent cell migration. <i>Journal of Cell Science</i> , <b>2015</b> , 128, 2057-69	5.3	25
19	CD95 capping is ROCK-dependent and dispensable for apoptosis. <i>Journal of Cell Science</i> , <b>2005</b> , 118, 2211-23	5.3	21
18	Strategies to assess phosphoprotein phosphatase and protein kinase-mediated regulation of the cytoskeleton. <i>Methods in Enzymology</i> , <b>1998</b> , 298, 542-69	1.7	14
17	The diverse roles and dynamic rearrangement of vimentin during viral infection. <i>Journal of Cell Science</i> , <b>2020</b> , 134,	5.3	14

16	Nestin contributes to skeletal muscle homeostasis and regeneration. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 2833-2842	5.3	13
15	Quantitative proteomic characterization and comparison of T helper 17 and induced regulatory T cells. <i>PLoS Biology</i> , <b>2018</b> , 16, e2004194	9.7	11
14	Studying Nestin and its Interrelationship with Cdk5. <i>Methods in Enzymology</i> , <b>2016</b> , 568, 509-35	1.7	10
13	Approaches to study posttranslational regulation of intermediate filament proteins. <i>Methods in Cell Biology</i> , <b>2004</b> , 78, 373-409	1.8	5
12	Vimentin provides the mechanical resilience required for amoeboid migration and protection of the nucleus		4
11	Phosphopeptide enrichment with stable spatial coordination on a titanium dioxide coated glass slide. <i>Rapid Communications in Mass Spectrometry</i> , <b>2009</b> , 23, 3661-7	2.2	3
10	Exosomal vimentin from adipocyte progenitors accelerates wound healing. <i>Cytoskeleton</i> , <b>2020</b> , 77, 399-413	4.3	3
9	Quantitative bioimage analytics enables measurement of targeted cellular stress response induced by celastrol-loaded nanoparticles. <i>Cell Stress and Chaperones</i> , <b>2019</b> , 24, 735-748	4	2
8	Internal epithelia in display rudimentary competence to form cytoplasmic networks of transgenic human vimentin. <i>FASEB Journal</i> , <b>2017</b> , 31, 5332-5341	0.9	2
7	Harmful vimentin manifests itself as multiorgan failure. <i>European Journal of Human Genetics</i> , <b>2020</b> , 28, 1139-1140	5.3	2
6	Vimentin provides target search efficiency and mechanical resilience for dendritic cell migration		1
5	Cytoskeletal vimentin regulates cell size and autophagy through mTORC1 signaling		1
4	Vimentin Suppresses Inflammation and Tumorigenesis in the Mouse Intestine.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 862237	5.7	0
3	Roles of vimentin in health and disease.. <i>Genes and Development</i> , <b>2022</b> , 36, 391-407	12.6	0
2	Domain-Specific Phosphorylation as a Regulator of Intermediate Filaments. <i>Advances in Molecular and Cell Biology</i> , <b>2006</b> , 37, 307-332		
1	Regulation of Par-4 Function by Phosphorylation <b>2022</b> , 185-208		