

Klaus T Ebnet

List of Publications by Year in descending order

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64
papers

5,422
citations

94433

37
h-index

144013

57
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68
all docs

68
docs citations

68
times ranked

5679
citing authors

#	ARTICLE	IF	CITATIONS
1	Junctional adhesion molecules (JAMs): more molecules with dual functions?. <i>Journal of Cell Science</i> , 2004, 117, 19-29.	2.0	443
2	Junctional Adhesion Molecule Interacts with the PDZ Domain-containing Proteins AF-6 and ZO-1. <i>Journal of Biological Chemistry</i> , 2000, 275, 27979-27988.	3.4	377
3	The cell polarity protein ASIP/PAR-3 directly associates with junctional adhesion molecule (JAM). <i>EMBO Journal</i> , 2001, 20, 3738-3748.	7.8	337
4	Spermatid differentiation requires the assembly of a cell polarity complex downstream of junctional adhesion molecule-C. <i>Nature</i> , 2004, 431, 320-324.	27.8	235
5	The junctional adhesion molecule (JAM) family members JAM-2 and JAM-3 associate with the cell polarity protein PAR-3: a possible role for JAMs in endothelial cell polarity. <i>Journal of Cell Science</i> , 2003, 116, 3879-3891.	2.0	234
6	aPKC kinase activity is required for the asymmetric differentiation of the premature junctional complex during epithelial cell polarization. <i>Journal of Cell Science</i> , 2002, 115, 3565-3573.	2.0	228
7	Robert Feulgen Lecture 1998. <i>Histochemistry and Cell Biology</i> , 1999, 112, 1-23.	1.7	226
8	miR-145-dependent targeting of Junctional Adhesion Molecule A and modulation of fascin expression are associated with reduced breast cancer cell motility and invasiveness. <i>Oncogene</i> , 2010, 29, 6569-6580.	5.9	197
9	A Transmembrane Tight Junction Protein Selectively Expressed on Endothelial Cells and Platelets. <i>Journal of Biological Chemistry</i> , 2002, 277, 16294-16303.	3.4	196
10	ORCHESTRATED INFORMATION TRANSFER UNDERLYING LEUKOCYTE ENDOTHELIAL INTERACTIONS. <i>Annual Review of Immunology</i> , 1996, 14, 155-177.	21.8	184
11	In Vitro and Ex Vivo derived Cytolytic Leukocytes from Granzyme A B Double Knockout Mice Are Defective in Granule-mediated Apoptosis but not Lysis of Target Cells. <i>Journal of Experimental Medicine</i> , 1997, 186, 1781-1786.	8.5	182
12	The <i>Borrelia burgdorferi</i> flagellum-associated 41-kilodalton antigen (flagellin): molecular cloning, expression, and amplification of the gene. <i>Infection and Immunity</i> , 1990, 58, 1711-1719.	2.2	159
13	Claudins and JAM-A coordinately regulate tight junction formation and epithelial polarity. <i>Journal of Cell Biology</i> , 2019, 218, 3372-3396.	5.2	152
14	Organization of multiprotein complexes at cell-cell junctions. <i>Histochemistry and Cell Biology</i> , 2008, 130, 1-20.	1.7	134
15	Granzyme A is critical for recovery of mice from infection with the natural cytopathic viral pathogen, ectromelia.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 5783-5787.	7.1	132
16	Association of Csk to VE-cadherin and inhibition of cell proliferation. <i>EMBO Journal</i> , 2005, 24, 1686-1695.	7.8	118
17	Granzyme B is expressed in mouse mast cells in vivo and in vitro and causes delayed cell death independent of perforin. <i>Cell Death and Differentiation</i> , 2007, 14, 1768-1779.	11.2	118
18	Inhibitory Effect of Naked Neural BC1 RNA or BC200 RNA on Eukaryotic in vitro Translation Systems is Reversed by Poly(A)-binding Protein (PABP). <i>Journal of Molecular Biology</i> , 2005, 353, 88-103.	4.2	115

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19	Junctional Adhesion Molecules (JAMs): Cell Adhesion Receptors With Pleiotropic Functions in Cell Physiology and Development. <i>Physiological Reviews</i> , 2017, 97, 1529-1554.	28.8	111
20	<i>Borrelia burgdorferi</i> activates nuclear factor-kappa B and is a potent inducer of chemokine and adhesion molecule gene expression in endothelial cells and fibroblasts. <i>Journal of Immunology</i> , 1997, 158, 3285-92.	0.8	104
21	Load-Reducing Therapy Prevents Development of Arrhythmogenic Right Ventricular Cardiomyopathy in Plakoglobin-Deficient Mice. <i>Journal of the American College of Cardiology</i> , 2011, 57, 740-750.	2.8	103
22	aPKC phosphorylates JAM-A at Ser285 to promote cell contact maturation and tight junction formation. <i>Journal of Cell Biology</i> , 2012, 196, 623-639.	5.2	92
23	microRNA miR-142-3p Inhibits Breast Cancer Cell Invasiveness by Synchronous Targeting of WASL, Integrin Alpha V, and Additional Cytoskeletal Elements. <i>PLoS ONE</i> , 2015, 10, e0143993.	2.5	89
24	A distinct PAR complex associates physically with VE-cadherin in vertebrate endothelial cells. <i>EMBO Reports</i> , 2006, 7, 1239-1246.	4.5	84
25	Endothelial adhesion molecule ESAM binds directly to the multidomain adaptor MAGI-1 and recruits it to cell contacts. <i>Experimental Cell Research</i> , 2004, 300, 121-133.	2.6	81
26	JAM-C Regulates Tight Junctions and Integrin-mediated Cell Adhesion and Migration. <i>Journal of Biological Chemistry</i> , 2007, 282, 1830-1837.	3.4	78
27	Junctional adhesion molecule-A participates in the formation of apico-basal polarity through different domains. <i>Experimental Cell Research</i> , 2006, 312, 3389-3403.	2.6	75
28	Fat2 acts through the WAVE regulatory complex to drive collective cell migration during tissue rotation. <i>Journal of Cell Biology</i> , 2016, 212, 591-603.	5.2	54
29	Micro RNA-449 controls mitotic spindle orientation during mammalian cortex development. <i>EMBO Journal</i> , 2016, 35, 2386-2398.	7.8	53
30	Interplay between Extracellular Matrix Stiffness and JAM-A Regulates Mechanical Load on ZO-1 and Tight Junction Assembly. <i>Cell Reports</i> , 2020, 32, 107924.	6.4	53
31	Junctional Adhesion Molecules (JAMs): The JAM-Integrin Connection. <i>Cells</i> , 2018, 7, 25.	4.1	52
32	Tetraspanin CD9 links junctional adhesion molecule-A to α 23 integrin to mediate basic fibroblast growth factor-specific angiogenic signaling. <i>Molecular Biology of the Cell</i> , 2013, 24, 933-944.	2.1	50
33	Junctional adhesion molecule-A: functional diversity through molecular promiscuity. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1393-1409.	5.4	45
34	JAM-A regulates cortical dynein localization through Cdc42 to control planar spindle orientation during mitosis. <i>Nature Communications</i> , 2015, 6, 8128.	12.8	44
35	TGR5-dependent hepatoprotection through the regulation of biliary epithelium barrier function. <i>Gut</i> , 2020, 69, 146-157.	12.1	43
36	In vivo primed mouse T cells selectively express T cell-specific serine proteinase-1 and the proteinase-like molecules granzyme B and C. <i>International Immunology</i> , 1991, 3, 9-19.	4.0	41

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37	Regulation of Chemokine Gene Expression in Human Endothelial Cells by Proinflammatory Cytokines and <i>Borrelia burgdorferi</i> . <i>Annals of the New York Academy of Sciences</i> , 1996, 797, 107-117.	3.8	41
38	aPKC controls endothelial growth by modulating c-Myc via FoxO1 DNA-binding ability. <i>Nature Communications</i> , 2018, 9, 5357.	12.8	36
39	Physiological functions of junctional adhesion molecules (JAMs) in tight junctions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183299.	2.6	35
40	Regulation of cell polarity by cell adhesion receptors. <i>Seminars in Cell and Developmental Biology</i> , 2018, 81, 2-12.	5.0	32
41	Transcription of granzyme A and B genes is differentially regulated during lymphoid ontogeny.. <i>Journal of Experimental Medicine</i> , 1995, 181, 755-763.	8.5	26
42	Tetraspanins: integrating cell surface receptors to functional microdomains in homeostasis and disease. <i>Medical Microbiology and Immunology</i> , 2020, 209, 397-405.	4.8	26
43	Nanoscale Imaging Reveals a Tetraspanin-CD9 Coordinated Elevation of Endothelial ICAM-1 Clusters. <i>PLoS ONE</i> , 2016, 11, e0146598.	2.5	20
44	VE-cadherin interacts with cell polarity protein Pals1 to regulate vascular lumen formation. <i>Molecular Biology of the Cell</i> , 2016, 27, 2811-2821.	2.1	20
45	Cell adhesion molecule control of planar spindle orientation. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1195-1207.	5.4	20
46	The mitochondrial outer membrane protein SYNJ2BP interacts with the cell adhesion molecule TMIGD1 and can recruit it to mitochondria. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 30.	2.0	20
47	Regulation of epithelial and endothelial junctions by PAR proteins. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6520.	3.0	19
48	The regulation of junctional actin dynamics by cell adhesion receptors. <i>Histochemistry and Cell Biology</i> , 2018, 150, 341-350.	1.7	18
49	JAM-C is an Apical Surface Marker for Neural Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 757-766.	2.1	17
50	Organization of the gene encoding the mouse T-cell-specific serine proteinase "granzyme A" Genomics, 1992, 13, 502-508.	2.9	15
51	JAM-A interacts with $\beta 1$ integrin and tetraspanins CD151 and CD9 to regulate collective cell migration of polarized epithelial cells. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 88.	5.4	13
52	JAM-A is a novel surface marker for NG2-Glia in the adult mouse brain. <i>BMC Neuroscience</i> , 2010, 11, 27.	1.9	8
53	JAM-A and aPKC. <i>Tissue Barriers</i> , 2013, 1, e22993.	3.2	7
54	Tight Junctions and the Blood-Brain Barrier. , 2006, , 175-195.		6

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55	A JAM-A tetraspanin α 5 integrin complex regulates contact inhibition of locomotion. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	6
56	An Ovalbumin Peptide-Specific Cytotoxic T Cell Clone with Antigen Self-Presentation Capacity Uses Two Distinct Mechanisms to Kill Target Cells. <i>Cellular Immunology</i> , 1993, 152, 333-347.	3.0	5
57	Rho and Rab Family Small GTPases in the Regulation of Membrane Polarity in Epithelial Cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	5
58	Tight Junctions in the Blood Brain Barrier. , 2007, , 1-27.		3
59	Mitotic spindle orientation: JAM-A can fix it. <i>Cell Cycle</i> , 2015, 14, 3773-3774.	2.6	2
60	Caspase Inhibitors as Molecular Probes of Cell Death. , 1997, , 51-62.		1
61	Junctional Adhesion Molecule-A (JAM-A) participates in tight junction formation and the establishment of cell polarity in epithelial cells. , 0, 2004, .		0
62	Junctional Adhesion Molecules (JAMs). , 2010, , 37-51.		0
63	Tight Junctions, Junctional Adhesion Molecules (JAMs), and the Blood Brain Barrier. <i>Cancer Metastasis - Biology and Treatment</i> , 2013, , 119-129.	0.1	0
64	Homotypic Cell Cell Interactions and Apicobasal Polarity in Epithelial Cells and Endothelial Cells. , 2015, , 277-302.		0