

Andreas Ludwig

List of Publications by Year in descending order

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141
papers

11,286
citations

28274

55
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30922

102
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144
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144
docs citations

144
times ranked

13272
citing authors

#	ARTICLE	IF	CITATIONS
1	The disintegrin-like metalloproteinase ADAM10 is involved in constitutive cleavage of CX3CL1 (fractalkine) and regulates CX3CL1-mediated cell-cell adhesion. <i>Blood</i> , 2003, 102, 1186-1195.	1.4	624
2	ADAM10 mediates E-cadherin shedding and regulates epithelial cell-cell adhesion, migration, and β -catenin translocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9182-9187.	7.1	604
3	ADAM10 cleavage of N-cadherin and regulation of cell-cell adhesion and β -catenin nuclear signalling. <i>EMBO Journal</i> , 2005, 24, 742-752.	7.8	438
4	The Transmembrane CXC-Chemokine Ligand 16 Is Induced by IFN- γ and TNF- α and Shed by the Activity of the Disintegrin-Like Metalloproteinase ADAM10. <i>Journal of Immunology</i> , 2004, 172, 6362-6372.	0.8	369
5	Cellular Cholesterol Depletion Triggers Shedding of the Human Interleukin-6 Receptor by ADAM10 and ADAM17 (TACE). <i>Journal of Biological Chemistry</i> , 2003, 278, 38829-38839.	3.4	332
6	Tumor-Associated MICA Is Shed by ADAM Proteases. <i>Cancer Research</i> , 2008, 68, 6368-6376.	0.9	322
7	Metalloproteinase Inhibitors for the Disintegrin-Like Metalloproteinases ADAM10 and ADAM17 that Differentially Block Constitutive and Phorbol Ester-Inducible Shedding of Cell Surface Molecules. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2005, 8, 161-171.	1.1	293
8	ADAM10 Regulates Endothelial Permeability and T-Cell Transmigration by Proteolysis of Vascular Endothelial Cadherin. <i>Circulation Research</i> , 2008, 102, 1192-1201.	4.5	264
9	Importance of CXC Chemokine Receptor 2 in the Homing of Human Peripheral Blood Endothelial Progenitor Cells to Sites of Arterial Injury. <i>Circulation Research</i> , 2007, 100, 590-597.	4.5	224
10	Chemokine Receptor CXCR6-Dependent Hepatic NK T Cell Accumulation Promotes Inflammation and Liver Fibrosis. <i>Journal of Immunology</i> , 2013, 190, 5226-5236.	0.8	219
11	In vivo structure/function and expression analysis of the CX3C chemokine fractalkine. <i>Blood</i> , 2011, 118, e156-e167.	1.4	218
12	A role for exosomes in the constitutive and stimulus-induced ectodomain cleavage of L1 and CD44. <i>Biochemical Journal</i> , 2006, 393, 609-618.	3.7	217
13	L1 Is Sequentially Processed by Two Differently Activated Metalloproteases and Presenilin-3-Secretase and Regulates Neural Cell Adhesion, Cell Migration, and Neurite Outgrowth. <i>Molecular and Cellular Biology</i> , 2005, 25, 9040-9053.	2.3	212
14	The good, the bad and the ugly substrates for ADAM10 and ADAM17 in brain pathology, inflammation and cancer. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 164-174.	5.0	203
15	ADAM10 is a principal 'shedase' of the low-affinity immunoglobulin E receptor CD23. <i>Nature Immunology</i> , 2006, 7, 1293-1298.	14.5	189
16	Antagonistic roles of full-length N-cadherin and its soluble BMP cleavage product in neural crest delamination. <i>Development (Cambridge)</i> , 2007, 134, 491-501.	2.5	183
17	The role of ADAM-mediated shedding in vascular biology. <i>European Journal of Cell Biology</i> , 2012, 91, 472-485.	3.6	181
18	Loss of the Timp gene family is sufficient for the acquisition of the CAF-like cell state. <i>Nature Cell Biology</i> , 2014, 16, 889-901.	10.3	174

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19	The β^2 -thromboglobulins and platelet factor 4: blood platelet-derived CXC chemokines with divergent roles in early neutrophil regulation. <i>Journal of Leukocyte Biology</i> , 2000, 67, 471-478.	3.3	170
20	ADAM10 regulates FasL cell surface expression and modulates FasL-induced cytotoxicity and activation-induced cell death. <i>Cell Death and Differentiation</i> , 2007, 14, 1040-1049.	11.2	165
21	Transmembrane chemokines: Versatile "special agents"™ in vascular inflammation. <i>Thrombosis and Haemostasis</i> , 2007, 97, 694-703.	3.4	156
22	Discovery of an enzyme and substrate selective inhibitor of ADAM10 using an exosite-binding glycosylated substrate. <i>Scientific Reports</i> , 2016, 6, 11.	3.3	154
23	Platelet-derived CXC chemokines: old players in new games. <i>Immunological Reviews</i> , 2000, 177, 204-216.	6.0	152
24	Regulated Shedding of Transmembrane Chemokines by the Disintegrin and Metalloproteinase 10 Facilitates Detachment of Adherent Leukocytes. <i>Journal of Immunology</i> , 2007, 178, 8064-8072.	0.8	151
25	Regulated release and functional modulation of junctional adhesion molecule A by disintegrin metalloproteinases. <i>Blood</i> , 2009, 113, 4799-4809.	1.4	144
26	A Disintegrin and Metalloproteinase 17 (ADAM17) Mediates Inflammation-induced Shedding of Syndecan-1 and -4 by Lung Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 555-564.	3.4	137
27	Tetraspanins Regulate ADAM10-Mediated Cleavage of TNF- α and Epidermal Growth Factor. <i>Journal of Immunology</i> , 2008, 181, 7002-7013.	0.8	132
28	Fractalkine Is Expressed by Smooth Muscle Cells in Response to IFN- γ and TNF- α and Is Modulated by Metalloproteinase Activity. <i>Journal of Immunology</i> , 2002, 168, 604-612.	0.8	131
29	RECK modulates Notch signaling during cortical neurogenesis by regulating ADAM10 activity. <i>Nature Neuroscience</i> , 2007, 10, 838-845.	14.8	130
30	Systematic substrate identification indicates a central role for the metalloprotease ADAM10 in axon targeting and synapse function. <i>ELife</i> , 2016, 5, .	6.0	124
31	Fast modulation of heat-activated ionic current by proinflammatory interleukin 6 in rat sensory neurons. <i>Brain</i> , 2005, 128, 1634-1641.	7.6	123
32	The CXC-Chemokine Neutrophil-Activating Peptide-2 Induces Two Distinct Optima of Neutrophil Chemotaxis by Differential Interaction With Interleukin-8 Receptors CXCR-1 and CXCR-2. <i>Blood</i> , 1997, 90, 4588-4597.	1.4	121
33	Enhanced expression and shedding of the transmembrane chemokine CXCL16 by reactive astrocytes and glioma cells. <i>Journal of Neurochemistry</i> , 2005, 93, 1293-1303.	3.9	117
34	Breaking up the tie: Disintegrin-like metalloproteinases as regulators of cell migration in inflammation and invasion. , 2006, 111, 985-1006.		115
35	CXCR6 Promotes Atherosclerosis by Supporting T-Cell Homing, Interferon- γ Production, and Macrophage Accumulation in the Aortic Wall. <i>Circulation</i> , 2007, 116, 1801-1811.	1.6	114
36	ADAM-family metalloproteinases in lung inflammation: potential therapeutic targets. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L325-L343.	2.9	108

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37	Ligand Binding and Calcium Influx Induce Distinct Ectodomain/ β -Secretase-processing Pathways of EphB2 Receptor. <i>Journal of Biological Chemistry</i> , 2007, 282, 16155-16163.	3.4	106
38	Pathologic shear triggers shedding of vascular receptors: a novel mechanism for down-regulation of platelet glycoprotein VI in stenosed coronary vessels. <i>Blood</i> , 2012, 119, 4311-4320.	1.4	101
39	Evidence for a Role of ADAM17 (TACE) in the Regulation of Platelet Glycoprotein V. <i>Journal of Biological Chemistry</i> , 2005, 280, 14462-14468.	3.4	97
40	Regulated ADAM10-dependent Ectodomain Shedding of β -Protocadherin C3 Modulates Cell-Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2006, 281, 21735-21744.	3.4	94
41	CX3CR1 is a gatekeeper for intestinal barrier integrity in mice: Limiting steatohepatitis by maintaining intestinal homeostasis. <i>Hepatology</i> , 2015, 62, 1405-1416.	7.3	94
42	Tumoural CXCL16 expression is a novel prognostic marker of longer survival times in renal cell cancer patients. <i>European Journal of Cancer</i> , 2009, 45, 478-489.	2.8	93
43	Lung endothelial ADAM17 regulates the acute inflammatory response to lipopolysaccharide. <i>EMBO Molecular Medicine</i> , 2012, 4, 412-423.	6.9	86
44	Sequential processing of the transmembrane chemokines CX3CL1 and CXCL16 by α - and β -secretases. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 233-240.	2.1	84
45	Sitagliptin reduces plaque macrophage content and stabilises arteriosclerotic lesions in ApoE $\alpha^{-/-}$ mice. <i>Diabetologia</i> , 2012, 55, 2267-2275.	6.3	81
46	Contribution of Platelet CX ₃ CR1 to Platelet-Monocyte Complex Formation and Vascular Recruitment During Hyperlipidemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1186-1193.	2.4	76
47	ADAM10 Is the Constitutive Functional Sheddase of CD44 in Human Melanoma Cells. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1471-1482.	0.7	74
48	Soluble Axl Is Generated by ADAM10-Dependent Cleavage and Associates with Gas6 in Mouse Serum. <i>Molecular and Cellular Biology</i> , 2005, 25, 9324-9339.	2.3	70
49	The angiotensin-calcineurin-NFAT pathway mediates stretch-induced up-regulation of matrix metalloproteinases-2/-9 in atrial myocytes. <i>Basic Research in Cardiology</i> , 2009, 104, 435-448.	5.9	69
50	Constitutive Expression and Regulated Release of the Transmembrane Chemokine CXCL16 in Human and Murine Skin. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1444-1455.	0.7	66
51	Sialyltransferase ST3Gal-IV controls CXCR2-mediated firm leukocyte arrest during inflammation. <i>Journal of Experimental Medicine</i> , 2008, 205, 1435-1446.	8.5	66
52	Natural Soluble Interleukin-15 Is Generated by Cleavage That Involves the Tumor Necrosis Factor- α -converting Enzyme (TACE/ADAM17). <i>Journal of Biological Chemistry</i> , 2004, 279, 40368-40375.	3.4	65
53	Matrix metalloproteinase 19 processes the laminin 5 gamma 2 chain and induces epithelial cell migration. <i>Cellular and Molecular Life Sciences</i> , 2005, 62, 870-880.	5.4	65
54	Tumor necrosis factor α activates release of B lymphocyte stimulator by neutrophils infiltrating the rheumatoid joint. <i>Arthritis and Rheumatism</i> , 2007, 56, 1776-1786.	6.7	63

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55	ADAM10 Inhibition of Human CD30 Shedding Increases Specificity of Targeted Immunotherapy In vitro. <i>Cancer Research</i> , 2007, 67, 332-338.	0.9	62
56	Identification of Distinct Surface-Expressed and Intracellular CXC-Chemokine Receptor 2 Glycoforms in Neutrophils: <i>N</i> -Glycosylation Is Essential for Maintenance of Receptor Surface Expression. <i>Journal of Immunology</i> , 2000, 165, 1044-1052.	0.8	58
57	The Cytosolic Domain of Protein-tyrosine Kinase 7 (PTK7), Generated from Sequential Cleavage by a Disintegrin and Metalloprotease 17 (ADAM17) and β -Secretase, Enhances Cell Proliferation and Migration in Colon Cancer Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 25001-25009.	3.4	56
58	Dipeptidyl peptidase IV (CD26) on T cells cleaves the CXC chemokine CXCL11 (I-TAC) and abolishes the stimulating but not the desensitizing potential of the chemokine. <i>Journal of Leukocyte Biology</i> , 2002, 72, 183-91.	3.3	55
59	Transmembrane chemokines: versatile 'special agents' in vascular inflammation. <i>Thrombosis and Haemostasis</i> , 2007, 97, 694-703.	3.4	55
60	Leukocytes require ADAM10 but not ADAM17 for their migration and inflammatory recruitment into the alveolar space. <i>Blood</i> , 2014, 123, 4077-4088.	1.4	54
61	Human Renal Cancer Cells Express a Novel Membrane-Bound Interleukin-15 that Induces, in Response to the Soluble Interleukin-15 Receptor β Chain, Epithelial-to-Mesenchymal Transition. <i>Cancer Research</i> , 2009, 69, 1561-1569.	0.9	53
62	Stimulated release and functional activity of surface expressed metalloproteinase ADAM17 in exosomes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2795-2808.	4.1	53
63	The chemokine CXCL16 induces migration and invasion of glial precursor cells via its receptor CXCR6. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 133-141.	2.2	51
64	Characterization of CXCL16 and ADAM10 in the normal and transplanted kidney. <i>Kidney International</i> , 2008, 74, 328-338.	5.2	51
65	Foxp3-Mediated Suppression of CD95L Expression Confers Resistance to Activation-Induced Cell Death in Regulatory T Cells. <i>Journal of Immunology</i> , 2011, 187, 1684-1691.	0.8	49
66	ADAM10 Is the Major Sheddase Responsible for the Release of Membrane-associated Meprin A. <i>Journal of Biological Chemistry</i> , 2014, 289, 13308-13322.	3.4	49
67	Protean proteases: at the cutting edge of lung diseases. <i>European Respiratory Journal</i> , 2017, 49, 1501200.	6.7	49
68	Regulation of nerve growth factor in the heart: The role of the calcineurin-NFAT pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 568-578.	1.9	47
69	Interaction of vascular smooth muscle cells and monocytes by soluble factors synergistically enhances IL-6 and MCP-1 production. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H987-H996.	3.2	46
70	Myeloid A Disintegrin and Metalloproteinase Domain 10 Deficiency Modulates Atherosclerotic Plaque Composition by Shifting the Balance from Inflammation toward Fibrosis. <i>American Journal of Pathology</i> , 2015, 185, 1145-1155.	3.8	46
71	Key metalloproteinase-mediated pathways in the kidney. <i>Nature Reviews Nephrology</i> , 2021, 17, 513-527.	9.6	46
72	Requirements for leukocyte transmigration via the transmembrane chemokine CX3CL1. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 4233-4248.	5.4	44

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73	Overexpression of CXCL16 and its receptor CXCR6/Bonzo promotes growth of human schwannomas. <i>Glia</i> , 2008, 56, 764-774.	4.9	42
74	ADAM8 expression in breast cancer derived brain metastases: Functional implications on MMP9 expression and transendothelial migration in breast cancer cells. <i>International Journal of Cancer</i> , 2018, 142, 779-791.	5.1	42
75	Downregulation of junctional adhesion molecule-A is involved in the progression of clear cell renal cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 387-391.	2.1	40
76	FcγRIII (CD16) equips immature 6-sulfo LacNAc-expressing dendritic cells (slanDCs) with a unique capacity to handle IgG-complexed antigens. <i>Blood</i> , 2013, 121, 3609-3618.	1.4	39
77	Critical role of fractalkine (CX ₃ CL1) in cigarette smoke-induced mononuclear cell adhesion to the arterial endothelium. <i>Thorax</i> , 2013, 68, 177-186.	5.6	39
78	ADAM metalloproteases promote a developmental switch in responsiveness to the axonal repellent Sema3A. <i>Nature Communications</i> , 2014, 5, 4058.	12.8	39
79	Status update on iRhom and ADAM17: It's still complicated. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1567-1583.	4.1	39
80	Down-regulation of neutrophil functions by the ELR+CXC chemokine platelet basic protein. <i>Blood</i> , 2000, 96, 2965-2972.	1.4	36
81	Glial cross-talk by transmembrane chemokines CX ₃ CL1 and CXCL16. <i>Journal of Neuroimmunology</i> , 2008, 198, 92-97.	2.3	36
82	The CXCL16-CXCR6 chemokine axis in glial tumors. <i>Journal of Neuroimmunology</i> , 2013, 260, 47-54.	2.3	34
83	Arterial and Venous Endothelia Display Differential Functional Fractalkine (CX ₃ CL1) Expression by Angiotensin-II. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 96-104.	2.4	32
84	A transmembrane C-terminal fragment of syndecan-1 is generated by the metalloproteinase ADAM17 and promotes lung epithelial tumor cell migration and lung metastasis formation. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3783-3801.	5.4	32
85	ADAM10 is expressed in human podocytes and found in urinary vesicles of patients with glomerular kidney diseases. <i>Journal of Biomedical Science</i> , 2010, 17, 3.	7.0	31
86	Selenium supplementation induces metalloproteinase-dependent L-selectin shedding from monocytes. <i>Journal of Leukocyte Biology</i> , 2008, 83, 1388-1395.	3.3	28
87	Improved Synthesis of ADAM10 Inhibitor GI254023X. <i>Neurodegenerative Diseases</i> , 2010, 7, 232-238.	1.4	26
88	A cytoplasmic C-terminal fragment of syndecan-1 is generated by sequential proteolysis and antagonizes syndecan-1 dependent lung tumor cell migration. <i>Oncotarget</i> , 2015, 6, 31295-31312.	1.8	26
89	Transmembrane chemokines act as receptors in a novel mechanism termed inverse signaling. <i>ELife</i> , 2016, 5, e10820.	6.0	26
90	The metalloproteinase ADAM8 promotes leukocyte recruitment in vitro and in acute lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L602-L614.	2.9	25

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91	Involvement of ADAM10 in axonal outgrowth and myelination of the peripheral nerve. <i>Glia</i> , 2009, 57, 1765-1774.	4.9	24
92	Growth arrest-specific protein 1 is a novel endogenous inhibitor of glomerular cell activation and proliferation. <i>Kidney International</i> , 2013, 83, 251-263.	5.2	24
93	The metalloproteinase ADAM15 is upregulated by shear stress and promotes survival of endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 134, 51-61.	1.9	24
94	TACE/ADAM17 is involved in germ cell apoptosis during rat spermatogenesis. <i>Reproduction</i> , 2010, 140, 305-317.	2.6	23
95	Etoposide induces apoptosis and upregulation of TACE/ADAM17 and ADAM10 in an in vitro male germ cell line model. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 120-128.	4.1	23
96	The DRF motif of CXCR6 as chemokine receptor adaptation to adhesion. <i>PLoS ONE</i> , 2017, 12, e0173486.	2.5	23
97	Considerations on inhibition approaches for proinflammatory functions of ADAM proteases. <i>Platelets</i> , 2017, 28, 354-361.	2.3	22
98	Smooth Muscle Cells Relay Acute Pulmonary Inflammation via Distinct ADAM17/ErbB Axes. <i>Journal of Immunology</i> , 2014, 192, 722-731.	0.8	21
99	Fine Tuning Cell Migration by a Disintegrin and Metalloproteinases. <i>Mediators of Inflammation</i> , 2017, 2017, 1-22.	3.0	21
100	Shear Stress Counteracts Endothelial CX3CL1 Induction and Monocytic Cell Adhesion. <i>Mediators of Inflammation</i> , 2017, 2017, 1-10.	3.0	21
101	Homocysteine upregulates vascular transmembrane chemokine CXCL16 and induces CXCR6+ lymphocyte recruitment <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1700-1709.	3.6	19
102	A-Disintegrin and Metalloprotease (ADAM) 10 and 17 promote self-renewal of brain tumor sphere forming cells. <i>Cancer Letters</i> , 2012, 326, 79-87.	7.2	19
103	ADAM10 mediates malignant pleural mesothelioma invasiveness. <i>Oncogene</i> , 2019, 38, 3521-3534.	5.9	19
104	<i>In vitro</i> modulation of induced neutrophil activation by different surfactant preparations. <i>European Respiratory Journal</i> , 1996, 9, 752-757.	6.7	18
105	The metalloproteinase ADAM10 requires its activity to sustain surface expression. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 715-732.	5.4	17
106	Involvement of TACE/ADAM17 and ADAM10 in etoposide-induced apoptosis of germ cells in rat spermatogenesis. <i>Journal of Cellular Physiology</i> , 2012, 227, 829-838.	4.1	16
107	SAR Studies of Exosite-Binding Substrate-Selective Inhibitors of α -Disintegrin α -M α metalloprotease 17 (ADAM17) and Application as Selective in Vitro Probes. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5808-5824.	6.4	16
108	Differential Induction of the ADAM17 Regulators iRhom1 and 2 in Endothelial Cells. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 610344.	2.4	16

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109	Elevated expression of the metalloproteinase ADAM8 associates with vascular diseases in mice and humans. <i>Atherosclerosis</i> , 2019, 286, 163-171.	0.8	15
110	Distinct role of the intracellular C-terminus for subcellular expression, shedding and function of the murine transmembrane chemokine CX3CL1. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 178-184.	2.1	14
111	The perioperative time course and clinical significance of the chemokine <sc>CXCL</sc> 16 in patients undergoing cardiac surgery. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 104-115.	3.6	14
112	Cell surface syndecan-1 contributes to binding and function of macrophage migration inhibitory factor (MIF) on epithelial tumor cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 717-726.	4.1	13
113	Whole body and hematopoietic ADAM8 deficiency does not influence advanced atherosclerotic lesion development, despite its association with human plaque progression. <i>Scientific Reports</i> , 2017, 7, 11670.	3.3	13
114	The collectrinâ€like part of the<sc>SARSâ€CoVâ€2</sc> and â€2</sc>receptor<sc>ACE2</sc>is shed by the metalloproteinases<sc>ADAM10</sc>and<sc>ADAM17</sc>. <i>FASEB Journal</i> , 2022, 36, e22234.	0.5	12
115	Impairment of carbonic anhydrase IX ectodomain cleavage reinforces tumorigenic and metastatic phenotype of cancer cells. <i>British Journal of Cancer</i> , 2020, 122, 1590-1603.	6.4	11
116	Metalloproteinases TACE and MMP-9 Differentially Regulate Death Factors on Adult and Neonatal Monocytes After Infection with <i>Escherichia coli</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 1399.	4.1	9
117	The iRhom2/ADAM17 Axis Attenuates Bacterial Uptake by Phagocytes in a Cell Autonomous Manner. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5978.	4.1	9
118	Expression levels of the metalloproteinase ADAM8 critically regulate proliferation, migration and malignant signalling events in hepatoma cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1982-1999.	3.6	9
119	Reconstruction of Ultraâ€thin Alveolarâ€capillary Basement Membrane Mimics. <i>Advanced Biology</i> , 2021, 5, e2000427.	2.5	9
120	The CXC-Chemokine Neutrophil-Activating Peptide-2 Induces Two Distinct Optima of Neutrophil Chemotaxis by Differential Interaction With Interleukin-8 Receptors CXCR-1 and CXCR-2. <i>Blood</i> , 1997, 90, 4588-4597.	1.4	9
121	Novel role of APP cleavage by ADAM10 for breast cancer metastasis. <i>EBioMedicine</i> , 2018, 38, 5-6.	6.1	8
122	The iRhom homology domain is indispensable for ADAM17-mediated TNF± and EGF receptor ligand release. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 5015-5040.	5.4	8
123	Assessment of Endothelial Permeability and Leukocyte Transmigration in Human Endothelial Cell Monolayers. <i>Methods in Molecular Biology</i> , 2011, 763, 319-332.	0.9	8
124	Inflammatory activation of surface molecule shedding by upregulation of the pseudoprotease iRhom2 in colon epithelial cells. <i>Scientific Reports</i> , 2021, 11, 24230.	3.3	8
125	The CXC Chemokine NAP-2 Mediates Differential Heterologous Desensitization of Neutrophil Effector Functions Elicited by Platelet-Activating Factor. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 257-267.	1.2	7
126	Amphiregulin Regulates Phagocytosis-Induced Cell Death in Monocytes via EGFR and the Bcl-2 Protein Family. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	3.0	7

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127	Inflammatory Responses of Astrocytes Are Independent from Lipocalin 2. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 933-942.	2.3	7
128	Posttranslational modifications by ADAM10 shape myeloid antigen-presenting cell homeostasis in the splenic marginal zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	7
129	Binding inhibition of type 1 fimbriae to human granulocytes: a flow cytometric inhibition assay using trivalent cluster mannosides. <i>Medical Microbiology and Immunology</i> , 2001, 190, 145-149.	4.8	5
130	ADAM10 cleavage of N-cadherin and regulation of cell-cell adhesion and β -catenin nuclear signalling. <i>EMBO Journal</i> , 2005, 24, 1762-1762.	7.8	5
131	Expression of the Metalloproteinase ADAM8 Is Upregulated in Liver Inflammation Models and Enhances Cytokine Release In Vitro. <i>Mediators of Inflammation</i> , 2021, 2021, 1-15.	3.0	5
132	Down-regulation of neutrophil functions by the ELR+CXC chemokine platelet basic protein. <i>Blood</i> , 2000, 96, 2965-2972.	1.4	4
133	Robo4 is constitutively shed by ADAMs from endothelial cells and the shed Robo4 functions to inhibit Slit3-induced angiogenesis. <i>Scientific Reports</i> , 2022, 12, 4352.	3.3	4
134	Retrograde perfusion in isolated perfused mouse lungs-Feasibility and effects on cytokine levels and pulmonary oedema formation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 279-288.	2.5	3
135	Mechanic Forces Promote Brain Endothelial Activation by SARS-CoV-2 Spike Protein. <i>Stroke</i> , 2021, 52, 271-273.	2.0	0
136	Mistargeting of Normal Cells in Anti-CD30 Immunotherapy of Lymphoma Cells Is Blocked by Selective Metalloproteinase Inhibitor.. <i>Blood</i> , 2006, 108, 2518-2518.	1.4	0
137	Pathological Shear Regulates ADAM10 Activity on Circulating Platelets. <i>Blood</i> , 2011, 118, 2194-2194.	1.4	0
138	ADAM17 Regulates Sphingosine 1 phosphate receptor 1 Cell Surface Expression and Downstream Signaling. <i>FASEB Journal</i> , 2013, 27, 1173.7.	0.5	0
139	ADAM 17 Regulates S1PR1 Surface Expression by its Ectodomain Shedding thereby Disrupting Endothelial Barrier Function. <i>FASEB Journal</i> , 2015, 29, 627.7.	0.5	0
140	Abstract 93: Endothelial A Disintegrin and Metalloprotease 10 Deficiency Enhances Murine Atherosclerosis Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, .	2.4	0
141	ADAM10 membrane-bound protease mediates malignant pleural mesothelioma invasiveness. , 2018, , .		0