

# The ADAM metalloproteinases

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Posttranslational regulation of Fas ligand function. <i>Cell Communication and Signaling</i> , 2008, 6, 11.	2.7	36
2	The ADAMs: signalling scissors in the tumour microenvironment. <i>Nature Reviews Cancer</i> , 2008, 8, 932-941.	12.8	450
3	The ADAM metalloproteinases. <i>Molecular Aspects of Medicine</i> , 2008, 29, 258-289.	2.7	955
4	Synaptic plasticity-associated proteases and protease inhibitors in the brain linked to the processing of extracellular matrix and cell adhesion molecules. <i>Neuron Glia Biology</i> , 2008, 4, 223-234.	2.0	28
6	Selective Use of ADAM10 and ADAM17 in Activation of Notch1 Signaling. <i>Molecular and Cellular Biology</i> , 2009, 29, 5679-5695.	1.1	288
7	Survival and Migration of Human Dendritic Cells Are Regulated by an IFN- $\gamma$ -Inducible Axl/Gas6 Pathway. <i>Journal of Immunology</i> , 2009, 183, 3004-3013.	0.4	78
8	Role of ADAMs in the Ectodomain Shedding and Conformational Conversion of the Prion Protein. <i>Journal of Biological Chemistry</i> , 2009, 284, 22590-22600.	1.6	128
9	Role of ADAMs in Cancer Formation and Progression. <i>Clinical Cancer Research</i> , 2009, 15, 1140-1144.	3.2	196
10	Matrix Metalloproteinase (MMP)-1 and MMP-3 Induce Macrophage MMP-9: Evidence for the Role of TNF- $\alpha$ and Cyclooxygenase-2. <i>Journal of Immunology</i> , 2009, 183, 8119-8127.	0.4	95
11	TNF- $\alpha$ shedding and epidermal inflammation are controlled by Jun proteins. <i>Genes and Development</i> , 2009, 23, 2663-2674.	2.7	64
12	Tumor Necrosis Factor- $\alpha$ Converting Enzyme Roles in Hypertension-Induced Hypertrophy. <i>Hypertension</i> , 2009, 54, 471-472.	1.3	2
13	ADAM17: The new face of breast cancer-promoting metalloprotease activity. <i>Cancer Biology and Therapy</i> , 2009, 8, 1055-1057.	1.5	6
14	ADAM9 as a Potential Target Molecule in Cancer. <i>Current Pharmaceutical Design</i> , 2009, 15, 2282-2287.	0.9	37
15	ADAM10 as a Therapeutic Target for Cancer and Inflammation. <i>Current Pharmaceutical Design</i> , 2009, 15, 2288-2299.	0.9	88
16	Aldose Reductase Regulates High Glucose-Induced Ectodomain Shedding of Tumor Necrosis Factor (TNF)- $\alpha$ via Protein Kinase C- $\gamma$ and TNF- $\alpha$ Converting Enzyme in Vascular Smooth Muscle Cells. <i>Endocrinology</i> , 2009, 150, 63-74.	1.4	47
17	Selective and specific regulation of ectodomain shedding of angiotensin-converting enzyme 2 by tumor necrosis factor $\alpha$ -converting enzyme. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C1318-C1329.	2.1	59
18	Crystal structures of the noncatalytic domains of ADAMTS13 reveal multiple discontinuous exosites for von Willebrand factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19274-19279.	3.3	149
19	Neurotrophins Induce Neuregulin Release through Protein Kinase C $\gamma$ Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 26251-26260.	1.6	33

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20	Induction of TNF-alpha-converting enzyme-ectodomain shedding by pathogenic autoantibodies. <i>International Immunology</i> , 2009, 21, 1341-1349.	1.8	13
21	Catalytic Domain Architecture of Metzincin Metalloproteases. <i>Journal of Biological Chemistry</i> , 2009, 284, 15353-15357.	1.6	193
22	Regulation of endothelial protein C receptor shedding by cytokines is mediated through differential activation of MAP kinase signaling pathways. <i>Experimental Cell Research</i> , 2009, 315, 2673-2682.	1.2	64
23	IL-6-trans-signalling increases rapid-eye-movement sleep in rats. <i>European Journal of Pharmacology</i> , 2009, 613, 141-145.	1.7	11
24	The role of the disintegrin metalloproteinase ADAM15 in prostate cancer progression. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 967-974.	1.2	29
25	Alternative splicing of ADAM15 regulates its interactions with cellular SH3 proteins. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 877-885.	1.2	18
26	ADAM7 Is Associated with Epididymosomes and Integrated into Sperm Plasma Membrane. <i>Molecules and Cells</i> , 2009, 28, 441-446.	1.0	63
27	Human mesenchymal stem cells induce E-cadherin degradation in breast carcinoma spheroids by activating ADAM10. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3053-3065.	2.4	57
28	Ectodomain shedding of the receptor for advanced glycation end products: a novel therapeutic target for Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3923-3935.	2.4	34
29	Reduced incidence and severity of experimental autoimmune arthritis in mice expressing catalytically inactive A disintegrin and metalloproteinase 8 (ADAM8). <i>Clinical and Experimental Immunology</i> , 2009, 158, 246-256.	1.1	19
30	Niaspan Treatment Increases Tumor Necrosis Factor- $\alpha$ -Converting Enzyme and Promotes Arteriogenesis after Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 911-920.	2.4	33
31	Adapter and enzymatic functions of proteases in T cell activation. <i>Immunological Reviews</i> , 2009, 232, 334-347.	2.8	15
32	Testase 1 (ADAM 24) a sperm surface metalloprotease is required for normal fertility in mice. <i>Molecular Reproduction and Development</i> , 2009, 76, 1106-1114.	1.0	17
33	Structural Characterization of the Ectodomain of a Disintegrin and Metalloproteinase-22 (ADAM22), a Neural Adhesion Receptor Instead of Metalloproteinase. <i>Journal of Biological Chemistry</i> , 2009, 284, 29077-29086.	1.6	65
34	Loss of the Metalloprotease ADAM9 Leads to Cone-Rod Dystrophy in Humans and Retinal Degeneration in Mice. <i>American Journal of Human Genetics</i> , 2009, 84, 683-691.	2.6	76
35	Matrix Metalloproteinases As Novel Biomarkers and Potential Therapeutic Targets in Human Cancer. <i>Journal of Clinical Oncology</i> , 2009, 27, 5287-5297.	0.8	716
36	Lung alveolar epithelium and interstitial lung disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1643-1651.	1.2	50
37	The role of ADAMs in disease pathophysiology. <i>Clinica Chimica Acta</i> , 2009, 403, 31-36.	0.5	56

#	ARTICLE	IF	CITATIONS
38	Structural basis of the autolysis of AaHIV suggests a novel target recognizing model for ADAM/reprolysin family proteins. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 159-164.	1.0	18
39	ADAMs and Ectodomain Proteolytic Shedding in Leukocyte and Tumour Cell Migration. <i>Translational Research in Biomedicine</i> , 2009, , 83-101.	0.4	0
40	ADAM8/MS2/CD156, an Emerging Drug Target in the Treatment of Inflammatory and Invasive Pathologies. <i>Current Pharmaceutical Design</i> , 2009, 15, 2272-2281.	0.9	36
41	Evolutionary divergence and functions of the ADAM and ADAMTS gene families. <i>Human Genomics</i> , 2009, 4, 43.	1.4	78
42	The Therapeutic Potential of ADAM15. <i>Current Pharmaceutical Design</i> , 2009, 15, 2311-2318.	0.9	16
43	Thiol isomerases negatively regulate the cellular shedding activity of ADAM17. <i>Biochemical Journal</i> , 2010, 428, 439-450.	1.7	149
44	Expression of a Disintegrin and Metalloproteinase 33 Protein in Nasal Polyposis: An Immunohistochemical Study. <i>American Journal of Rhinology and Allergy</i> , 2010, 24, e79-e82.	1.0	18
45	ADAMs and protein disulfide isomerase: the key to regulated cell-surface protein ectodomain shedding?. <i>Biochemical Journal</i> , 2010, 428, e3-e5.	1.7	14
46	Sexual Selection and the Molecular Evolution of ADAM Proteins. <i>Journal of Molecular Evolution</i> , 2010, 71, 231-240.	0.8	36
47	Gene expression analysis of the microvascular compartment in multiple sclerosis using laser microdissected blood vessels. <i>Acta Neuropathologica</i> , 2010, 119, 601-615.	3.9	28
48	Inflammation in neuroviral diseases. <i>Journal of Neural Transmission</i> , 2010, 117, 899-906.	1.4	23
49	An Overview of APP Processing Enzymes and Products. <i>NeuroMolecular Medicine</i> , 2010, 12, 1-12.	1.8	515
50	Conservation and divergence of ADAM family proteins in the <i>Xenopus</i> genome. <i>BMC Evolutionary Biology</i> , 2010, 10, 211.	3.2	19
51	Age-related molecular genetic changes of murine bone marrow mesenchymal stem cells. <i>BMC Genomics</i> , 2010, 11, 229.	1.2	119
52	Matrix metalloproteinases, a disintegrin and metalloproteinases, and a disintegrin and metalloproteinases with thrombospondin motifs in non-neoplastic diseases. <i>Pathology International</i> , 2010, 60, 477-496.	0.6	227
53	Matrix metalloproteinases: Fold and function of their catalytic domains. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 20-28.	1.9	339
54	The tissue inhibitors of metalloproteinases (TIMPs): An ancient family with structural and functional diversity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 55-71.	1.9	1,026
55	Involvement of ADAMs in tumorigenesis and progression of hepatocellular carcinoma: Is it merely fortuitous or a real pathogenic link?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010, 1806, 74-81.	3.3	10

#	ARTICLE	IF	CITATIONS
56	Recent advances in understanding the mechanisms of osteoclast precursor fusion. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 1058-1062.	1.2	47
57	Taiwan cobra phospholipase A <sub>2</sub> elicits posttranscriptional up-regulation of ADAM17 in human neuroblastoma SKNSH cells. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 148-157.	1.2	2
58	Expression of seven members of the ADAM family in developing chicken spinal cord. <i>Developmental Dynamics</i> , 2010, 239, 1246-1254.	0.8	18
59	Regional expression of the ADAMs in developing chicken cochlea. <i>Developmental Dynamics</i> , 2010, 239, 2256-2265.	0.8	10
60	ADAM15 exerts an antiapoptotic effect on osteoarthritic chondrocytes via up-regulation of the X-linked inhibitor of apoptosis. <i>Arthritis and Rheumatism</i> , 2010, 62, 1372-1382.	6.7	29
61	Targeting ADAM17/notch signaling abrogates the development of systemic sclerosis in a murine model. <i>Arthritis and Rheumatism</i> , 2010, 62, 3477-3487.	6.7	93
62	Clinical images: Ultrasonographic signs of gout in symmetric polyarthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 3487-3487.	6.7	6
63	Proteomics of cauda epididymal fluid from mature Holstein bulls. <i>Journal of Proteomics</i> , 2010, 73, 2006-2020.	1.2	84
64	Molecular dissection of the migrating posterior lateral line primordium during early development in zebrafish. <i>BMC Developmental Biology</i> , 2010, 10, 120.	2.1	32
65	Characterization of protein tyrosine phosphatase H1 knockout mice in animal models of local and systemic inflammation. <i>Journal of Inflammation</i> , 2010, 7, 16.	1.5	9
66	Induction of Innate Immune Gene Expression Cascades in Brain Slice Cultures by Ethanol: Key Role of NF- $\kappa$ B and Proinflammatory Cytokines. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 777-789.	1.4	142
67	Proteoglycans in health and disease: the multiple roles of syndecan shedding. <i>FEBS Journal</i> , 2010, 277, 3876-3889.	2.2	260
68	Fellmüir Lecture: Metalloproteinases: from demolition squad to master regulators. <i>International Journal of Experimental Pathology</i> , 2010, 91, 303-313.	0.6	24
69	Effects of biological drug adalimumab on tumour necrosis factor- $\alpha$ -converting enzyme activation. <i>Immunology and Cell Biology</i> , 2010, 88, 297-304.	1.0	10
70	Matrix metalloproteinases &ndash; an overview. <i>Research and Reports in Biology</i> , 0, , 1.	0.2	15
71	Distinct Genetic Alterations in Colorectal Cancer. <i>PLoS ONE</i> , 2010, 5, e8879.	1.1	100
72	Unexpected Tolerance of $\Delta$ -Cleavage of the Prion Protein to Sequence Variations. <i>PLoS ONE</i> , 2010, 5, e9107.	1.1	45
73	Deficiency of the Metalloproteinase-Disintegrin ADAM8 Is Associated with Thymic Hyper-Cellularity. <i>PLoS ONE</i> , 2010, 5, e12766.	1.1	11

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74	ADAM17 Deletion in Thymic Epithelial Cells Alters Aire Expression without Affecting T Cell Developmental Progression. PLoS ONE, 2010, 5, e13528.	1.1	7
75	Copper, endoproteolytic processing of the prion protein and cell signalling. Frontiers in Bioscience - Landmark, 2010, 15, 1086.	3.0	23
76	Mesenchymal Stem Cells: "Repair Cells" that Serve Wounds and Cancer?. Scientific World Journal, The, 2010, 10, 1234-1238.	0.8	10
77	Rana catesbeiana, pãlvora e modulaão supramolecular cicatrizaão intestinal e prognãstico no cãncer de cãlon: uma mesma origem biolãgica para o insucesso?. Revista Brasileira De Coloproctologia, 2010, 30, 141-151.	0.2	2
78	Expression Profiles and Clinical Correlations of Degradome Components in the Tumor Microenvironment of Head and Neck Squamous Cell Carcinoma. Clinical Cancer Research, 2010, 16, 2022-2035.	3.2	100
79	Metzincin Proteases and Their Inhibitors: Foes or Friends in Nervous System Physiology?. Journal of Neuroscience, 2010, 30, 15337-15357.	1.7	204
80	Suppression of ADAM17-mediated Lyn/Akt Pathways Induces Apoptosis of Human Leukemia U937 Cells. Journal of Biological Chemistry, 2010, 285, 30506-30515.	1.6	20
81	Inflammatory mediators promote production of shed LRP1/CD91, which regulates cell signaling and cytokine expression by macrophages. Journal of Leukocyte Biology, 2010, 88, 769-778.	1.5	108
82	Tumor necrosis factor ã-converting enzyme (TACE/ADAM17) mediates ectodomain shedding of the scavenger receptor CD163. Journal of Leukocyte Biology, 2010, 88, 1201-1205.	1.5	182
83	A Disintegrin and Metalloproteinase-10 (ADAM-10) Mediates DN30 Antibody-induced Shedding of the Met Surface Receptor. Journal of Biological Chemistry, 2010, 285, 26335-26340.	1.6	61
84	P2Y2 Nucleotide Receptors Mediate Metalloprotease-dependent Phosphorylation of Epidermal Growth Factor Receptor and ErbB3 in Human Salivary Gland Cells. Journal of Biological Chemistry, 2010, 285, 7545-7555.	1.6	45
85	Accelerated Wound Repair in ADAM-9 Knockout Animals. Journal of Investigative Dermatology, 2010, 130, 2120-2130.	0.3	39
86	Reduced density of ADAM 12-immunoreactive oligodendrocytes in the anterior cingulate white matter of patients with schizophrenia. World Journal of Biological Psychiatry, 2010, 11, 556-566.	1.3	36
87	Prion and TNFã: TAC(E)it agreement between the prion protein and cell signaling. Cell Cycle, 2010, 9, 4616-4621.	1.3	6
88	The Role of Tumor Necrosis Factor-ã Converting Enzyme in Renal Transplant Rejection. American Journal of Nephrology, 2010, 32, 362-368.	1.4	13
89	The Metalloprotease-Disintegrin ADAM8 Is Essential for the Development of Experimental Asthma. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1318-1328.	2.5	59
90	Two Functionally Distinct Isoforms of TL1A (TNFSF15) Generated by Differential Ectodomain Shedding. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 1165-1180.	1.7	22
91	What we learn from transformation suppressor genes: lessons from <i>RECK</i>. Future Oncology, 2010, 6, 1105-1116.	1.1	15

#	ARTICLE	IF	CITATIONS
92	Targeting the Notch signaling pathway in autoimmune diseases. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 553-565.	1.5	5
93	Identification and analysis of unitary pseudogenes: historic and contemporary gene losses in humans and other primates. <i>Genome Biology</i> , 2010, 11, R26.	13.9	150
94	Truncated Î²-amyloid peptide channels provide an alternative mechanism for Alzheimer's Disease and Down syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6538-6543.	3.3	210
95	Transmembrane Signaling Proteoglycans. <i>Annual Review of Cell and Developmental Biology</i> , 2010, 26, 89-114.	4.0	342
96	TNF blocker drugs modulate human TNF-Î±-converting enzyme pro-domain shedding induced by autoantibodies. <i>Immunobiology</i> , 2010, 215, 874-883.	0.8	11
97	ADAM13 Induces Cranial Neural Crest by Cleaving Class B Ephrins and Regulating Wnt Signaling. <i>Developmental Cell</i> , 2010, 19, 345-352.	3.1	54
98	ADAM19 autolysis is activated by LPS and promotes non-classical secretion of cysteine-rich protein 2. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 927-932.	1.0	6
99	Connective tissue growth factor is a substrate of ADAM28. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 651-657.	1.0	36
100	Matrix Metalloproteinases: Regulators of the Tumor Microenvironment. <i>Cell</i> , 2010, 141, 52-67.	13.5	4,103
101	ADAM17_Î±33708A &gt; G polymorphism interacts with dietary n-6 polyunsaturated fatty acids to modulate obesity risk in the Genetics of Lipid Lowering Drugs and Diet Network study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 698-705.	1.1	25
102	The role of calpain in the regulation of ADAM17-dependent GPIIb/IIIa ectodomain shedding. <i>Archives of Biochemistry and Biophysics</i> , 2010, 495, 136-143.	1.4	15
103	ADAM-17: the enzyme that does it all. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2010, 45, 146-169.	2.3	345
104	The Tumor Microenvironment. , 2010, , .		6
105	Up-regulation of the Pro-inflammatory Chemokine CXCL16 is a Common Response of Tumor Cells to Ionizing Radiation. <i>Radiation Research</i> , 2010, 173, 418-425.	0.7	143
106	SFRPs act as negative modulators of ADAM10 to regulate retinal neurogenesis. <i>Nature Neuroscience</i> , 2011, 14, 562-569.	7.1	86
107	Modulation of integrin Î±4Î²1 by ADAM28 promotes lymphocyte adhesion and transendothelial migration. <i>Cell Biology International</i> , 2011, 35, 1043-1053.	1.4	27
108	ADAM17 targets MMP-2 and MMP-9 via EGFR-MEK-ERK pathway activation to promote prostate cancer cell invasion. <i>International Journal of Oncology</i> , 2012, 40, 1714-24.	1.4	68
109	Avoiding Proteolysis During Protein Chromatography. <i>Methods in Molecular Biology</i> , 2011, 681, 61-71.	0.4	4

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110	Molecular Basis for Endothelial Lumen Formation and Tubulogenesis During Vasculogenesis and Angiogenic Sprouting. <i>International Review of Cell and Molecular Biology</i> , 2011, 288, 101-165.	1.6	158
111	ADAM9 Inhibition Increases Membrane Activity of ADAM10 and Controls $\beta$ -Secretase Processing of Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 40443-40451.	1.6	54
112	Membrane proteases and tetraspanins. <i>Biochemical Society Transactions</i> , 2011, 39, 541-546.	1.6	16
113	ADAM17: a molecular switch to control inflammation and tissue regeneration. <i>Trends in Immunology</i> , 2011, 32, 380-387.	2.9	443
114	Ectodomain shedding and remnant peptide signalling of EGFRs and their ligands. <i>Journal of Biochemistry</i> , 2011, 150, 15-22.	0.9	41
115	Angiotensin-Converting Enzyme 2 Ectodomain Shedding Cleavage-Site Identification: Determinants and Constraints. <i>Biochemistry</i> , 2011, 50, 5182-5194.	1.2	38
116	New opportunities in drug design of metalloproteinase inhibitors: combination between structure-function experimental approaches and systems biology. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 527-542.	2.5	27
117	Potential of fluorescent metalloproteinase substrates for cancer detection. <i>Clinical Biochemistry</i> , 2011, 44, 1434-1439.	0.8	22
118	NKG2D-Based Cancer Immunotherapy. , 0, , .		0
119	ADAM-9 Expression in Intestinal-type Adenocarcinoma of the Sinonasal Tract. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2011, 19, 283-287.	0.6	1
120	The roles of ADAMTS metalloproteinases in tumorigenesis and metastasis. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1861.	3.0	83
121	The Role of Zinc in Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-10.	1.1	92
122	ADAM10: potential "molecular scissors"™ for the treatment of Alzheimer's™ disease. <i>Future Neurology</i> , 2011, 6, 1-4.	0.9	0
123	Constitutive activation of metalloproteinase ADAM10 in mantle cell lymphoma promotes cell growth and activates the TNF $\alpha$ /NF $\kappa$ B pathway. <i>Blood</i> , 2011, 117, 6237-6246.	0.6	30
124	Spatiotemporal expression pattern of gonad-stimulating substance-like peptide of the sea cucumber, <i>Apostichopus japonicus</i> . <i>Development Growth and Differentiation</i> , 2011, 53, 639-652.	0.6	9
125	Differential expression of the ADAMs in developing chicken retina. <i>Development Growth and Differentiation</i> , 2011, 53, 726-739.	0.6	17
126	Intrauterine growth restriction (IUGR) is associated with increased leptin synthesis and binding capability in neonates. <i>Clinical Endocrinology</i> , 2011, 74, 459-466.	1.2	30
127	Alpha-secretase in Alzheimer's™ disease: molecular identity, regulation and therapeutic potential. <i>Journal of Neurochemistry</i> , 2011, 116, 10-21.	2.1	169



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128	Regulated intramembrane proteolysis - lessons from amyloid precursor protein processing. <i>Journal of Neurochemistry</i> , 2011, 117, 779-796.	2.1	213
129	Enzymatic toxins from snake venom: structural characterization and mechanism of catalysis. <i>FEBS Journal</i> , 2011, 278, 4544-4576.	2.2	233
130	Matrix metalloproteinases: protective roles in cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1254-1265.	1.6	160
131	Insights into the molecular regulation of FasL (CD178) biology. <i>European Journal of Cell Biology</i> , 2011, 90, 456-466.	1.6	62
132	The soluble Interleukin 6 receptor: Generation and role in inflammation and cancer. <i>European Journal of Cell Biology</i> , 2011, 90, 484-494.	1.6	248
133	Gene expression profile of ADAMs and ADAMTSs metalloproteinases in normal and malignant plasma cells and in the bone marrow environment. <i>Experimental Hematology</i> , 2011, 39, 546-557.e8.	0.2	20
134	The pro- and anti-inflammatory properties of the cytokine interleukin-6. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 878-888.	1.9	2,433
135	Quantitative and dynamic expression profile of premature and active forms of the regional ADAM proteins during chicken brain development. <i>Cellular and Molecular Biology Letters</i> , 2011, 16, 431-51.	2.7	8
136	Fungal Proteases and Their Pathophysiological Effects. <i>Mycopathologia</i> , 2011, 171, 299-323.	1.3	172
137	An uPA cleavable conjugate of a recombinant $\hat{I}\pm\hat{v}\hat{I}^23$ targeting toxin and its bioactivity. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 563-569.	1.7	9
138	The sheddase activity of ADAM17/TACE is regulated by the tetraspanin CD9. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3275-3292.	2.4	93
139	Functional interplay between tetraspanins and proteases. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3323-3335.	2.4	71
140	ADAM-17 over-expression in gallbladder carcinoma correlates with poor prognosis of patients. <i>Medical Oncology</i> , 2011, 28, 475-480.	1.2	26
141	ADAM12 and ADAM17 Gene Expression in Laser-capture Microdissected and Non-microdissected Breast Tumors. <i>Pathology and Oncology Research</i> , 2011, 17, 375-385.	0.9	9
142	Expression, immunolocalization and processing of fertilins ADAM-1 and ADAM-2 in the boar (sus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 2011, 9, 96.	1.4	19
143	The ADAMs family of proteases: new biomarkers and therapeutic targets for cancer?. <i>Clinical Proteomics</i> , 2011, 8, 9.	1.1	164
144	Inhibition of ADAM9 expression induces epithelial phenotypic alterations and sensitizes human prostate cancer cells to radiation and chemotherapy. <i>Prostate</i> , 2011, 71, 232-240.	1.2	42
145	Comprehensive gene expression profiling and functional analysis of matrix metalloproteinases and TIMPs, and identification of ADAMs gene expression, in a corneal model of epithelial resurfacing. <i>Journal of Cellular Physiology</i> , 2011, 226, 1461-1470.	2.0	46

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146	ADAM-8, a metalloproteinase, drives acute allergen-induced airway inflammation. <i>European Journal of Immunology</i> , 2011, 41, 380-391.	1.6	29
147	Collective cell migration of the cephalic neural crest: The art of integrating information. <i>Genesis</i> , 2011, 49, 164-176.	0.8	74
148	Analysis of the disintegrin-metalloproteinases family reveals ADAM29 and ADAM7 are often mutated in melanoma. <i>Human Mutation</i> , 2011, 32, E2148-E2175.	1.1	33
149	Tumor-Derived Extracellular Fragments of Receptor Protein Tyrosine Phosphatases (RPTPs) as Cancer Molecular Diagnostic Tools. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011, 11, 133-140.	0.9	16
150	A disintegrin and metalloprotease -8 and -15 and susceptibility for ascending aortic dissection. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011, 71, 515-522.	0.6	18
151	Unsaturated Fatty Acids Drive Disintegrin and Metalloproteinase (ADAM)-dependent Cell Adhesion, Proliferation, and Migration by Modulating Membrane Fluidity. <i>Journal of Biological Chemistry</i> , 2011, 286, 26931-26942.	1.6	49
152	ADAM12 Produced by Tumor Cells Rather than Stromal Cells Accelerates Breast Tumor Progression. <i>Molecular Cancer Research</i> , 2011, 9, 1449-1461.	1.5	51
153	Role of amyloid- $\beta$ metal interactions in Alzheimer's disease. <i>Future Neurology</i> , 2011, 6, 641-659.	0.9	19
154	Protocadherin-12 Cleavage Is a Regulated Process Mediated by ADAM10 Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 15195-15204.	1.6	30
155	The Roles of ADAMs Family Proteinases in Skin Diseases. <i>Enzyme Research</i> , 2011, 2011, 1-9.	1.8	16
156	Characterisation of the Human ADAM15 Promoter. <i>Nephron Experimental Nephrology</i> , 2011, 118, e27-e38.	2.4	3
157	Skin Diseases-Related Enzymes: Mechanisms and Clinical Applications. <i>Enzyme Research</i> , 2011, 2011, 1-2.	1.8	0
158	Cancer Cells Cut Homophilic Cell Adhesion Molecules and Run. <i>Cancer Research</i> , 2011, 71, 303-309.	0.4	52
159	Cross-domain inhibition of TACE ectodomain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5578-5583.	3.3	109
160	TACE/TGF- $\beta$ /EGFR regulates CXCL8 in bronchial epithelial cells exposed to particulate matter components. <i>European Respiratory Journal</i> , 2011, 38, 1189-1199.	3.1	36
161	Aberrant Expression of Disintegrin-Metalloprotease Proteins in the Formation and Progression of Uterine Cervical Cancer. <i>Pathobiology</i> , 2011, 78, 149-161.	1.9	4
162	Should I stay or should I go? Shedding of RPTPs in cancer cells switches signals from stabilizing cell-cell adhesion to driving cell migration. <i>Cell Adhesion and Migration</i> , 2011, 5, 298-305.	1.1	23
163	Reactive Oxygen Species and p38 Mitogen-activated Protein Kinase Mediate Tumor Necrosis Factor $\beta$ -Converting Enzyme (TACE/ADAM-17) Activation in Primary Human Monocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 35466-35476.	1.6	95

#	ARTICLE	IF	CITATIONS
164	The Disintegrin-like and Cysteine-rich domains of ADAM-9 Mediate Interactions between Melanoma Cells and Fibroblasts. <i>Journal of Biological Chemistry</i> , 2011, 286, 6801-6807.	1.6	48
165	Cell cholesterol modulates metalloproteinase-dependent shedding of low-density lipoprotein receptor-related protein-1 (LRP-1) and clearance function. <i>FASEB Journal</i> , 2011, 25, 2770-2781.	0.2	69
166	The (pro)renin receptor is cleaved by ADAM19 in the Golgi leading to its secretion into extracellular space. <i>Hypertension Research</i> , 2011, 34, 599-605.	1.5	111
167	Endotoxin recognition in fish results in inflammatory cytokine secretion not gene expression. <i>Innate Immunity</i> , 2011, 17, 16-28.	1.1	42
168	Gene Atlasing of Digestive and Reproductive Tissues in <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1043.	1.3	69
169	LPA-producing enzyme PA-PLA <sub>1</sub> regulates hair follicle development by modulating EGFR signalling. <i>EMBO Journal</i> , 2011, 30, 4248-4260.	3.5	119
170	A disintegrin and metalloprotease 10 activity sheds the ectodomain of the amyloid precursor-like protein 2 and regulates protein expression in proximal tubule cells. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C1366-C1374.	2.1	10
171	Alpha-Secretase Cleavage of the Amyloid Precursor Protein: Proteolysis Regulated by Signaling Pathways and Protein Trafficking. <i>Current Alzheimer Research</i> , 2012, 9, 165-177.	0.7	61
172	Expression and cellular localization of metalloproteases ADAMs in high graded carotid artery lesions. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012, 72, 648-656.	0.6	12
173	The Cytosolic Domain of Protein-tyrosine Kinase 7 (PTK7), Generated from Sequential Cleavage by a Disintegrin and Metalloprotease 17 (ADAM17) and $\beta$ -Secretase, Enhances Cell Proliferation and Migration in Colon Cancer Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 25001-25009.	1.6	56
174	An Overview of Notch Signaling in Adult Tissue Renewal and Maintenance. <i>Current Alzheimer Research</i> , 2012, 9, 227-240.	0.7	52
175	Lipid Rafts and Alzheimer's Disease: Protein-Lipid Interactions and Perturbation of Signaling. <i>Frontiers in Physiology</i> , 2012, 3, 189.	1.3	161
176	Characterization of the intronic portion of cadherin superfamily members, common cancer orchestrators. <i>European Journal of Human Genetics</i> , 2012, 20, 878-883.	1.4	6
177	Mepri $\beta$ Transactivates the Epidermal Growth Factor Receptor (EGFR) via Ligand Shedding, thereby Enhancing Colorectal Cancer Cell Proliferation and Migration. <i>Journal of Biological Chemistry</i> , 2012, 287, 35201-35211.	1.6	32
178	Identification of ILK as a new partner of the ADAM12 disintegrin and metalloprotease in cell adhesion and survival. <i>Molecular Biology of the Cell</i> , 2012, 23, 3461-3472.	0.9	22
179	Effect of ADAM28 on Carcinoma Cell Metastasis by Cleavage of von Willebrand Factor. <i>Journal of the National Cancer Institute</i> , 2012, 104, 906-922.	3.0	87
180	Sjögren's syndrome autoantibodies provoke changes in gene expression profiles of inflammatory cytokines triggering a pathway involving TACE/NF- $\kappa$ B. <i>Laboratory Investigation</i> , 2012, 92, 615-624.	1.7	57
181	Heterogeneous epigenetic regulation of <i>TIMP3</i> in prostate cancer. <i>Epigenetics</i> , 2012, 7, 1279-1289.	1.3	34

#	ARTICLE	IF	CITATIONS
182	The Black Box Illuminated: Signals and Signaling. <i>Journal of Investigative Dermatology</i> , 2012, 132, 811-819.	0.3	35
183	TGFÎ± shedding assay: an accurate and versatile method for detecting GPCR activation. <i>Nature Methods</i> , 2012, 9, 1021-1029.	9.0	297
184	Discovery of Novel Inhibitors of a Disintegrin and Metalloprotease 17 (ADAM17) Using Glycosylated and Non-glycosylated Substrates. <i>Journal of Biological Chemistry</i> , 2012, 287, 36473-36487.	1.6	50
185	Multivalent Pseudopeptides Targeting Cell Surface Nucleoproteins Inhibit Cancer Cell Invasion through Tissue Inhibitor of Metalloproteinases 3 (TIMP-3) Release. <i>Journal of Biological Chemistry</i> , 2012, 287, 43685-43693.	1.6	42
186	Cellular Prion Protein Regulates Its Own Î±-Cleavage through ADAM8 in Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2012, 287, 16510-16520.	1.6	42
187	Modulation of Redox Balance Leaves Murine Diabetogenic TH1 T Cells âœLAG-3-ingâœBehind. <i>Diabetes</i> , 2012, 61, 1760-1768.	0.3	35
188	Expression of a Disintegrin and Metalloprotease in Human Abdominal Aortic Aneurysms. <i>Journal of Vascular Research</i> , 2012, 49, 198-206.	0.6	14
189	Expression of âœa disintegrin and metalloproteinase-33âœ (ADAM-33) protein in laryngeal squamous cell carcinoma. <i>Journal of Laryngology and Otology</i> , 2012, 126, 511-515.	0.4	4
190	ADAM15 Protein Amplifies Focal Adhesion Kinase Phosphorylation under Genotoxic Stress Conditions. <i>Journal of Biological Chemistry</i> , 2012, 287, 21214-21223.	1.6	16
191	Survival of pancreatic beta cells is partly controlled by a TCF7L2-p53-p53INP1-dependent pathway. <i>Human Molecular Genetics</i> , 2012, 21, 196-207.	1.4	52
192	Expression and inhibition of ADAMDEC1 in craniopharyngioma cells. <i>Neurological Research</i> , 2012, 34, 701-706.	0.6	14
193	Metalloproteinase Processing of HBEGF Is a Proximal Event in the Response of Human Aortic Endothelial Cells to Oxidized Phospholipids. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1246-1254.	1.1	18
194	ADAMs and Ectodomain Proteolytic Shedding in Leucocyte Migration: Focus on L-Selectin and ADAM17. <i>Current Immunology Reviews</i> , 2012, 8, 103-117.	1.2	9
195	Syndecan 1 Plays a Novel Role in Enteral Glutamineâœ™s Gut-Protective Effects of the Postischemic Gut. <i>Shock</i> , 2012, 38, 57-62.	1.0	20
196	ADAM10 overexpression in human non-small cell lung cancer correlates with cell migration and invasion through the activation of the Notch1 signaling pathway. <i>Oncology Reports</i> , 2012, 28, 1709-1718.	1.2	55
197	A disintegrin and metalloproteases: Molecular scissors in angiogenesis, inflammation and atherosclerosis. <i>Atherosclerosis</i> , 2012, 224, 302-308.	0.4	47
198	Cellâœsurface Metalloprotease <sc>ADAM12</sc> is Internalized by a Clathrinâœand Grb2âœdependent Mechanism. <i>Traffic</i> , 2012, 13, 1532-1546.	1.3	19
199	Ectodomain shedding and ADAMs in development. <i>Development (Cambridge)</i> , 2012, 139, 3693-3709.	1.2	211

#	ARTICLE	IF	CITATIONS
200	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.	3.2	19
201	mRNA profiling of the cancer degradome in oesophago-gastric adenocarcinoma. <i>British Journal of Cancer</i> , 2012, 107, 143-149.	2.9	17
202	Cell surface annexins regulate ADAM-mediated ectodomain shedding of proamphiregulin. <i>Molecular Biology of the Cell</i> , 2012, 23, 1964-1975.	0.9	31
203	An essential role of metalloprotease-disintegrin ADAM12 in triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 135, 759-769.	1.1	33
204	A novel tissue inhibitor of metalloproteinase in blood clam <i>Tegillarca granosa</i> : Molecular cloning, tissue distribution and expression analysis. <i>Fish and Shellfish Immunology</i> , 2012, 33, 645-651.	1.6	12
205	Sequential Proteolytic Processing of an Interferon-Alpha Receptor Subunit by TNF-Alpha Converting Enzyme and Presenilins. <i>Journal of Interferon and Cytokine Research</i> , 2012, 32, 312-325.	0.5	7
206	Circulating TNF Receptors 1 and 2 Predict Stage 3 CKD in Type 1 Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 516-524.	3.0	307
207	Ultrasound Enhanced Matrix Metalloproteinase-9 Triggered Release of Contents from Echogenic Liposomes. <i>Molecular Pharmaceutics</i> , 2012, 9, 2554-2564.	2.3	32
208	Pore-forming bacterial toxins and antimicrobial peptides as modulators of ADAM function. <i>Medical Microbiology and Immunology</i> , 2012, 201, 419-426.	2.6	17
209	Snake-venom resistance as a mammalian trophic adaptation: lessons from didelphid marsupials. <i>Biological Reviews</i> , 2012, 87, 822-837.	4.7	53
210	Testicular and epididymal ADAMs: expression and function during fertilization. <i>Nature Reviews Urology</i> , 2012, 9, 550-560.	1.9	69
211	Human matrix metalloproteinases: An ubiquitarian class of enzymes involved in several pathological processes. <i>Molecular Aspects of Medicine</i> , 2012, 33, 119-208.	2.7	194
212	The newcomer in the integrin family: Integrin $\alpha 9$ in biology and cancer. <i>Advances in Biological Regulation</i> , 2012, 52, 326-339.	1.4	55
213	Snake venom metalloproteinases: Structure, function and relevance to the mammalian ADAM/ADAMTS family proteins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 164-176.	1.1	167
214	Monoubiquitination of pro-amphiregulin regulates its endocytosis and ectodomain shedding. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 315-320.	1.0	12
215	Differential gene expression analysis related to extracellular matrix components in drug-resistant RPMI-8226 cell line. <i>Biomedicine and Pharmacotherapy</i> , 2012, 66, 228-231.	2.5	13
216	Structural basis for the sheddase function of human meprin $\beta 2$ metalloproteinase at the plasma membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16131-16136.	3.3	74
217	Soluble E-cadherin: more than a symptom of disease. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 1948.	3.0	84

#	ARTICLE	IF	CITATIONS
218	Phylogenetic and molecular evolution of the ADAM (A Disintegrin And Metalloprotease) gene family from <i>Xenopus tropicalis</i> , to <i>Mus musculus</i> , <i>Rattus norvegicus</i> , and <i>Homo sapiens</i> . <i>Gene</i> , 2012, 507, 36-43.	1.0	10
219	Self-cleavage of Human CLCA1 Protein by a Novel Internal Metalloprotease Domain Controls Calcium-activated Chloride Channel Activation. <i>Journal of Biological Chemistry</i> , 2012, 287, 42138-42149.	1.6	61
220	Metalloprotease (ADAM12-S) as a Predictor of Preeclampsia: Correlation with Severity, Maternal Complications, Fetal Outcome, and Doppler Parameters. <i>Hypertension in Pregnancy</i> , 2012, 31, 442-450.	0.5	18
221	Matrix metalloproteinases in vascular physiology and disease. <i>Vascular</i> , 2012, 20, 210-216.	0.4	140
222	Sperm-Egg Interaction. <i>Annual Review of Physiology</i> , 2012, 74, 477-502.	5.6	73
223	Highly sensitive profiling of CD44 <sup>+</sup> /CD24 <sup>low</sup> breast cancer stem cells by combining global mRNA amplification and next generation sequencing: Evidence for a hyperactive PI3K pathway. <i>Cancer Letters</i> , 2012, 325, 165-174.	3.2	53
224	Protease-Activated Drug Development. <i>Theranostics</i> , 2012, 2, 156-179.	4.6	203
225	ADAM17 Silencing in Mouse Colon Carcinoma Cells: The Effect on Tumoricidal Cytokines and Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e50791.	1.1	27
226	Prognostic value of ADAM17 in human gastric cancer. <i>Medical Oncology</i> , 2012, 29, 2684-2690.	1.2	28
227	Comparative analysis of human reproductive proteomes identifies candidate proteins of sperm maturation. <i>Molecular Biology Reports</i> , 2012, 39, 10257-10263.	1.0	14
228	A Disintegrin and Metalloenzyme (ADAM) 17 Activation Is Regulated by $\alpha 5 \beta 1$ Integrin in Kidney Mesangial Cells. <i>PLoS ONE</i> , 2012, 7, e33350.	1.1	39
229	Gene Expression Profiles of the NCI-60 Human Tumor Cell Lines Define Molecular Interaction Networks Governing Cell Migration Processes. <i>PLoS ONE</i> , 2012, 7, e35716.	1.1	28
230	Functional Analysis of a Breast Cancer-Associated Mutation in the Intracellular Domain of the Metalloprotease ADAM12. <i>PLoS ONE</i> , 2012, 7, e37628.	1.1	4
231	Investigating the Conformation of HER Membrane Proteins in Cells via Single Molecule and FLIM Microscopy. , 2012, , .		0
232	4.5 The ADAMTS family of metalloproteinases. , 2012, , 315-342.		2
233	8.6 Targeting syndecan shedding in cancer. , 0, , .		3
234	ADAM10 (ADAM metallopeptidase domain 10). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2012, , .	0.1	0
235	Matrix metalloproteinases and their inhibitors in pulmonary hypertension. <i>European Respiratory Journal</i> , 2012, 40, 766-782.	3.1	125

#	ARTICLE	IF	CITATIONS
236	Tumor Necrosis Factor Alpha May Act as an Intraovarian Mediator of Luteinizing Hormone-Induced Oocyte Maturation in Trout1. <i>Biology of Reproduction</i> , 2012, 86, 1-12.	1.2	15
237	Angiogenesis and Arteriogenesis as Stroke Targets. , 2012, , 231-249.		3
238	Nardilysin and ADAM proteases promote gastric cancer cell growth by activating intrinsic cytokine signalling via enhanced ectodomain shedding of TNF $\alpha$ . <i>EMBO Molecular Medicine</i> , 2012, 4, 396-411.	3.3	40
239	Matrix Metalloproteinases. <i>Exs</i> , 2012, 103, 1-33.	1.4	44
240	Expression patterns of ADAMs in the developing chicken lens. <i>Journal of Molecular Histology</i> , 2012, 43, 121-135.	1.0	3
241	Lentivirus-Mediated ADAM17 RNA Interference Inhibited Interleukin-8 Expression via EGFR Signaling in Lung Epithelial Cells. <i>Inflammation</i> , 2012, 35, 850-858.	1.7	4
242	Novel aspects of the apolipoprotein-E receptor family: regulation and functional role of their proteolytic processing. <i>Frontiers in Biology</i> , 2012, 7, 113-143.	0.7	6
243	Increased expression of ADAM12 and ADAM17 genes in laser-capture microdissected breast cancers and correlations with clinical and pathological characteristics. <i>Acta Histochemica</i> , 2012, 114, 131-139.	0.9	18
244	Identification and biology of $\beta$ -secretase. <i>Journal of Neurochemistry</i> , 2012, 120, 34-45.	2.1	77
245	The role of metallobiology and amyloid $\beta$ peptides in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2012, 120, 149-166.	2.1	233
246	EGF promotes the shedding of soluble E-cadherin in an ADAM10-dependent manner in prostate epithelial cells. <i>Cellular Signalling</i> , 2012, 24, 532-538.	1.7	43
247	The role of ADAM-mediated shedding in vascular biology. <i>European Journal of Cell Biology</i> , 2012, 91, 472-485.	1.6	181
248	Lost in disruption: Role of proteases in glioma invasion and progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1825, 178-185.	3.3	47
249	Dominant negative effect of truncated mannose 6-phosphate/insulin-like growth factor II receptor species in cancer. <i>FEBS Journal</i> , 2012, 279, 2695-2713.	2.2	14
250	Free Energy Calculations on Snake Venom Metalloproteinase BaP1. <i>Chemical Biology and Drug Design</i> , 2012, 79, 990-1000.	1.5	5
251	Plasma membrane microdomains regulate TACE-dependent TNFR1 shedding in human endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 626-635.	1.6	26
252	Roles of ADAM13-regulated Wnt activity in early <i>Xenopus</i> eye development. <i>Developmental Biology</i> , 2012, 363, 147-154.	0.9	12
253	Identification and characterization of promoter and regulatory regions for mouse Adam2 gene expression. <i>Molecular Biology Reports</i> , 2013, 40, 787-796.	1.0	2

#	ARTICLE	IF	CITATIONS
254	Expression and function of cell adhesion molecules during neural crest migration. <i>Developmental Biology</i> , 2013, 373, 244-257.	0.9	65
255	Radiosensitization in prostate cancer: mechanisms and targets. <i>BMC Urology</i> , 2013, 13, 4.	0.6	37
256	Molecular Profiling of ADAM12 and ADAM17 Genes in Human Malignant Melanoma. <i>Pathology and Oncology Research</i> , 2013, 19, 755-762.	0.9	7
257	Metalloproteinase-disintegrin ADAM12 is associated with a breast tumor-initiating cell phenotype. <i>Breast Cancer Research and Treatment</i> , 2013, 139, 691-703.	1.1	24
258	<i>Helicobacter pylori</i> and Gastritis: The Role of Extracellular Matrix Metalloproteases, Their Inhibitors, and the Disintegrins and Metalloproteases—A Systematic Literature Review. <i>Digestive Diseases and Sciences</i> , 2013, 58, 2777-2783.	1.1	17
259	ALCAM/CD166 adhesive function is regulated by the tetraspanin CD9. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 475-493.	2.4	61
260	Src Plays a Key Role in ADAM28 Expression in v-src-Transformed Epithelial Cells and Human Carcinoma Cells. <i>American Journal of Pathology</i> , 2013, 183, 1667-1678.	1.9	9
261	A Disintegrin And Metalloproteinase 12 produced by tumour cells accelerates osteosarcoma tumour progression and associated osteolysis. <i>European Journal of Cancer</i> , 2013, 49, 2253-2263.	1.3	15
262	ADAM 10 is over expressed in oral squamous cell carcinoma and contributes to invasive behaviour through a functional association with $\alpha 6$ integrin. <i>FEBS Letters</i> , 2013, 587, 3529-3534.	1.3	31
263	Oscillatory Flow Accelerates Autocrine Signaling due to Nonlinear Effect of Convection on Receptor-Related Actions. <i>Biophysical Journal</i> , 2013, 105, 818-828.	0.2	3
264	Adrenergic Regulation of IgE Involves Modulation of CD23 and ADAM10 Expression on Exosomes. <i>Journal of Immunology</i> , 2013, 191, 5383-5397.	0.4	23
265	Proteases: Structure and Function. , 2013, , .		31
266	PDK1 decreases TACE-mediated $\beta$ -secretase activity and promotes disease progression in prion and Alzheimer's diseases. <i>Nature Medicine</i> , 2013, 19, 1124-1131.	15.2	108
267	Synapse maturation by activity-dependent ectodomain shedding of SIRP $\beta$ . <i>Nature Neuroscience</i> , 2013, 16, 1417-1425.	7.1	49
268	Extracellular metalloproteinases in neural crest development and craniofacial morphogenesis. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013, 48, 544-560.	2.3	19
269	ADAM12 redistributes and activates MMP-14, resulting in gelatin degradation, reduced apoptosis, and increased tumor growth. <i>Journal of Cell Science</i> , 2013, 126, 4707-20.	1.2	50
270	Proteases and the gut barrier. <i>Cell and Tissue Research</i> , 2013, 351, 269-280.	1.5	73
271	Matrix metalloproteinases and epidermal wound repair. <i>Cell and Tissue Research</i> , 2013, 351, 255-268.	1.5	190



#	ARTICLE	IF	CITATIONS
272	Single cell molecular recognition of migrating and invading tumor cells using a targeted fluorescent probe to receptor PTPmu. <i>International Journal of Cancer</i> , 2013, 132, 1624-1632.	2.3	19
273	Cyclical strain modulates metalloprotease and matrix gene expression in human tenocytes via activation of TGF $\beta$ 2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2596-2607.	1.9	50
274	ADAM17 silencing by adenovirus encoding miRNA-embedded siRNA revealed essential signal transduction by angiotensin II in vascular smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 62, 1-7.	0.9	35
275	A disintegrin and metalloproteinase-12 (ADAM12): Function, roles in disease progression, and clinical implications. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4445-4455.	1.1	51
276	Who decides when to cleave an ectodomain?. <i>Trends in Biochemical Sciences</i> , 2013, 38, 111-120.	3.7	57
277	Insights into the Activity, Differential Expression, Mutual Regulation, and Functions of Matrix Metalloproteinases and A Disintegrin and Metalloproteinases in Hypertension and Cardiac Disease. <i>Journal of Vascular Research</i> , 2013, 50, 52-68.	0.6	23
278	Fc $\gamma$ RIII (CD16) equips immature 6-sulfo LacNAc $\alpha$ -expressing dendritic cells (slanDCs) with a unique capacity to handle IgG-complexed antigens. <i>Blood</i> , 2013, 121, 3609-3618.	0.6	39
279	ECM Remodeling in Angiogenesis. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2013, , 185-209.	0.7	4
280	Human breast cancer-associated fibroblasts enhance cancer cell proliferation through increased TGF $\beta$ cleavage by ADAM17. <i>Cancer Letters</i> , 2013, 336, 240-246.	3.2	34
281	ADAM22 as a Prognostic and Therapeutic Drug Target in the Treatment of Endocrine-Resistant Breast Cancer. <i>Vitamins and Hormones</i> , 2013, 93, 307-321.	0.7	19
282	Eph/ephrin recognition and the role of Eph/ephrin clusters in signaling initiation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2160-2165.	1.1	83
283	Small serum protein-1 changes the susceptibility of an apoptosis-inducing metalloproteinase HV1 to a metalloproteinase inhibitor in habu snake ( <i>Trimeresurus flavoviridis</i> ). <i>Journal of Biochemistry</i> , 2013, 153, 121-129.	0.9	15
284	SecretePipe: A Screening Pipeline for Secreted Proteins with Competence to Identify Potential Membrane-Bound Shed Markers. <i>Journal of Proteome Research</i> , 2013, 12, 1235-1244.	1.8	4
285	Overexpression of ADAM9 Promotes Colon Cancer Cells Invasion. <i>Journal of Investigative Surgery</i> , 2013, 26, 127-133.	0.6	17
286	<i>Staphylococcus aureus</i> $\alpha$ -Toxin: Nearly a Century of Intrigue. <i>Toxins</i> , 2013, 5, 1140-1166.	1.5	502
287	ADAM15 Adds to Apoptosis Resistance of Synovial Fibroblasts by Modulating Focal Adhesion Kinase Signaling. <i>Arthritis and Rheumatism</i> , 2013, 65, 2826-2834.	6.7	18
288	TACE in perinatal mouse lung epithelial cells promotes lung saccular formation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L953-L963.	1.3	9
289	ADAM17 mediates Nox4 expression and NADPH oxidase activity in the kidney cortex of OVE26 mice. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F323-F332.	1.3	40

#	ARTICLE	IF	CITATIONS
290	ADAM12 is expressed in the tumour vasculature and mediates ectodomain shedding of several membrane-anchored endothelial proteins. <i>Biochemical Journal</i> , 2013, 452, 97-109.	1.7	48
291	Bace1 and Neuregulin-1 cooperate to control formation and maintenance of muscle spindles. <i>EMBO Journal</i> , 2013, 32, 2015-2028.	3.5	122
292	EpCAM proteolysis: new fragments with distinct functions?. <i>Bioscience Reports</i> , 2013, 33, e00030.	1.1	52
293	A Disintegrin and Metalloprotease (ADAM) 10 and ADAM17 Are Major Sheddases of T Cell Immunoglobulin and Mucin Domain 3 (Tim-3). <i>Journal of Biological Chemistry</i> , 2013, 288, 34529-34544.	1.6	93
294	Central role of the exchange factor GEF-H1 in TNF- $\alpha$ -induced sequential activation of Rac, ADAM17/TACE, and RhoA in tubular epithelial cells. <i>Molecular Biology of the Cell</i> , 2013, 24, 1068-1082.	0.9	35
295	Whole-exome sequencing identifies ADAM10 mutations as a cause of reticulate acropigmentation of Kitamura, a clinical entity distinct from Dowling-Degos disease. <i>Human Molecular Genetics</i> , 2013, 22, 3524-3533.	1.4	40
296	ADAM17 Transactivates EGFR Signaling during Embryonic Eyelid Closure. , 2013, 54, 132.		12
297	Periodontal disease and gene expression levels of metalloendopeptidases in human buccal mucosal epithelium. <i>Journal of Periodontal Research</i> , 2013, 48, 606-614.	1.4	9
298	ADAM10 mediates N-cadherin ectodomain shedding during retinal ganglion cell differentiation in primary cultured retinal cells from the developing chick retina. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 942-954.	1.2	20
299	An Association Study on ADAM10 Promoter Polymorphisms and Atherosclerotic Cerebral Infarction in a Chinese Population. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 785-794.	1.9	29
300	Expression patterns of the ADAMs in early developing chicken cochlea. <i>Development Growth and Differentiation</i> , 2013, 55, 368-376.	0.6	4
301	Functional Role of Matrix Metalloproteinase-8 in Stem/Progenitor Cell Migration and Their Recruitment Into Atherosclerotic Lesions. <i>Circulation Research</i> , 2013, 112, 35-47.	2.0	48
302	Disturbed Follicular Architecture in B Cell A Disintegrin and Metalloproteinase (ADAM)10 Knockouts Is Mediated by Compensatory Increases in ADAM17 and TNF- $\alpha$ Shedding. <i>Journal of Immunology</i> , 2013, 191, 5951-5958.	0.4	20
303	Human Antigen R-mediated mRNA Stabilization Is Required for Ultraviolet B-induced Autoinduction of Amphiregulin in Keratinocytes. <i>Journal of Biological Chemistry</i> , 2013, 288, 10338-10348.	1.6	12
304	Activity of ADAM17 (a Disintegrin and Metalloprotease 17) Is Regulated by Its Noncatalytic Domains and Secondary Structure of its Substrates. <i>Journal of Biological Chemistry</i> , 2013, 288, 22871-22879.	1.6	36
305	ADAM12. , 2013, , 1114-1122.		1
306	Effects of FIAsh/Tetracysteine (TC) Tag on PrP Proteolysis and PrPres Formation by TC-scanning. <i>ChemBioChem</i> , 2013, 14, 1597-1610.	1.3	1
307	The disintegrin domain of ADAM17 antagonises fibroblast-carcinoma cell interactions. <i>International Journal of Oncology</i> , 2013, 42, 1793-1800.	1.4	16

#	ARTICLE	IF	CITATIONS
308	ADAM and ADAMTS family proteins and their role in the colorectal cancer etiopathogenesis. <i>BMB Reports</i> , 2013, 46, 139-150.	1.1	39
309	Introduction to the Reprolysins. , 2013, , 961-963.		0
310	ADAM33 Gene Polymorphisms and Mortality. A Prospective Cohort Study. <i>PLoS ONE</i> , 2013, 8, e67768.	1.1	15
311	Alternative mRNA Splicing Generates Two Distinct ADAM12 Prodomain Variants. <i>PLoS ONE</i> , 2013, 8, e75730.	1.1	8
312	Differential Surface Expression of ADAM10 and ADAM17 on Human T Lymphocytes and Tumor Cells. <i>PLoS ONE</i> , 2013, 8, e76853.	1.1	30
313	ADAM Metalloproteinases. , 2013, , 1086-1094.		2
314	Helping Eve Overcome ADAM: G-Quadruplexes in the ADAM-15 Promoter as New Molecular Targets for Breast Cancer Therapeutics. <i>Molecules</i> , 2013, 18, 15019-15034.	1.7	7
315	Fungal zinc metabolism and its connections to virulence. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 65.	1.8	91
316	ADAM17, Tumor Necrosis Factor $\alpha$ -Convertase. , 2013, , 1126-1130.		1
317	Apoptotic Events in Glioma Activate Metalloproteinases and Enhance Invasiveness. , 0, , .		2
318	Phenotypic Diversity of Breast Cancer-Related Mutations in Metalloproteinase-Disintegrin ADAM12. <i>PLoS ONE</i> , 2014, 9, e92536.	1.1	11
319	N-Terminal Cleavage and Release of the Ectodomain of Flt1 Is Mediated via ADAM10 and ADAM 17 and Regulated by VEGFR2 and the Flt1 Intracellular Domain. <i>PLoS ONE</i> , 2014, 9, e112794.	1.1	22
320	Association between ADAM17 Promoter Polymorphisms and Ischemic Stroke in a Chinese Population. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014, 21, 878-893.	0.9	12
321	Physiological Role of Amyloid Beta in Neural Cells: The Cellular Trophic Activity. , 0, , .		25
322	Role of the tumor microenvironment in the pathogenesis of gastric carcinoma. <i>World Journal of Gastroenterology</i> , 2014, 20, 1667.	1.4	79
323	Signaling pathways activated by a protease allergen in basophils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4963-71.	3.3	34
324	Structure-Function Relationship of Modular Domains of P-III Class Snake Venom Metalloproteinases. , 2014, , 1-22.		0
325	ADAM15 participates in fertilization through a physical interaction with acrogranin. <i>Reproduction</i> , 2014, 148, 623-634.	1.1	7

#	ARTICLE	IF	CITATIONS
326	Functional features and protein network of human sperm-egg interaction. <i>Systems Biology in Reproductive Medicine</i> , 2014, 60, 329-337.	1.0	18
327	Tumor necrosis factor- $\alpha$ -induced a disintegrin and metalloprotease 10 increases apoptosis resistance in prostate cancer cells. <i>Oncology Letters</i> , 2014, 7, 897-901.	0.8	11
328	Matrix Metalloproteinase-8 Promotes Vascular Smooth Muscle Cell Proliferation and Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 90-98.	1.1	53
329	A Disintegrin and Metalloproteinase 9 Is Involved in Ectodomain Shedding of Receptor-Binding Cancer Antigen Expressed on SiSo Cells. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	5
330	EphrinB2 affects apical constriction in <i>Xenopus</i> embryos and is regulated by ADAM10 and flotillin-1. <i>Nature Communications</i> , 2014, 5, 3516.	5.8	37
331	Tetraspanin CD9 modulates ADAM17-mediated shedding of LR11 in leukocytes. <i>Experimental and Molecular Medicine</i> , 2014, 46, e89-e89.	3.2	25
332	Analysis of the basal chordate <i>Botryllus schlosseri</i> reveals a set of genes associated with fertility. <i>BMC Genomics</i> , 2014, 15, 1183.	1.2	22
333	Extracellular matrix in tumours as a source of additional neoplastic lesions - a review. <i>Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach</i> , 2014, 58, 1-9.	0.4	0
334	Development of a $\alpha$ -mouse and human cross-reactive <sup>TM</sup> affinity-matured exosite inhibitory human antibody specific to TACE (ADAM17) for cancer immunotherapy. <i>Protein Engineering, Design and Selection</i> , 2014, 27, 179-190.	1.0	29
335	T $\alpha$ cell immunoglobulin and mucin domain <sup>2</sup> (<sc>TIM</sc> <sup>2</sup> ) is a target of <sc>ADAM</sc>10 <sup>2</sup> -mediated ectodomain shedding. <i>FEBS Journal</i> , 2014, 281, 157-174.	2.2	6
336	miR-126 inhibits cell growth, invasion, and migration of osteosarcoma cells by downregulating ADAM-9. <i>Tumor Biology</i> , 2014, 35, 12645-12654.	0.8	31
337	Gene expression and <i>in situ</i> localization of <sc>ADAM</sc>17 during skin wound healing. <i>International Journal of Dermatology</i> , 2014, 53, e229-31.	0.5	8
338	Primitive Erythroblast Cell Autonomously Regulates the Timing of Blood Circulation Onset via a Control of Adherence to Endothelium. , 2014, , 185-195.		0
339	Proteases and small intestinal barrier function in health and disease. <i>Current Opinion in Gastroenterology</i> , 2014, 30, 147-153.	1.0	38
340	miR-221/222 control luminal breast cancer tumor progression by regulating different targets. <i>Cell Cycle</i> , 2014, 13, 1811-1826.	1.3	38
341	The Effect of Disintegrin <sup>2</sup> Metalloproteinase ADAM9 in Gastric Cancer Progression. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 3074-3085.	1.9	35
342	Analysis of <b><i>ADAM17</i></b> Polymorphisms and Susceptibility to Sporadic Abdominal Aortic Aneurysm. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1426-1438.	1.1	18
343	Identification of Multiple DNA Copy Number Alterations Including Frequent 8p11.22 Amplification in Conjunctival Squamous Cell Carcinoma. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8604-8613.	3.3	21

#	ARTICLE	IF	CITATIONS
344	Glycosylation of a disintegrin and metalloprotease 17 affects its activity and inhibition. <i>Analytical Biochemistry</i> , 2014, 449, 68-75.	1.1	18
345	A substrate-optimized electrophoretic mobility shift assay for ADAM12. <i>Analytical Biochemistry</i> , 2014, 452, 34-42.	1.1	0
346	Cytokine functions of TIMP-1. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 659-672.	2.4	220
347	Metalloproteinases in melanoma. <i>European Journal of Cell Biology</i> , 2014, 93, 23-29.	1.6	81
348	ADAM17 mediates OSCC development in an orthotopic murine model. <i>Molecular Cancer</i> , 2014, 13, 24.	7.9	16
349	Development of in vitro model of insulin receptor cleavage induced by high glucose in HepG2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 236-243.	1.0	8
351	Regulation of Receptor Tyrosine Kinase Ligand Processing. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a008995-a008995.	2.3	25
352	Architecture and function of metallopeptidase catalytic domains. <i>Protein Science</i> , 2014, 23, 123-144.	3.1	159
353	Soluble T cell immunoglobulin and mucin domain (TIM)-1 and -4 generated by A Disintegrin And Metalloprotease (ADAM)-10 and -17 bind to phosphatidylserine. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 275-287.	1.9	30
354	Review: The ADAM metalloproteinases – Novel regulators of trophoblast invasion?. <i>Placenta</i> , 2014, 35, S57-S63.	0.7	52
355	l-Cysteine-induced up-regulation of the low-density lipoprotein receptor is mediated via a transforming growth factor-alpha signalling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 401-405.	1.0	5
356	Is there new hope for therapeutic matrix metalloproteinase inhibition?. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 904-927.	21.5	631
357	Pericellular proteolysis in cancer. <i>Genes and Development</i> , 2014, 28, 2331-2347.	2.7	154
358	Retinoids induce integrin-independent lymphocyte adhesion through RAR- $\beta$ nuclear receptor activity. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 537-542.	1.0	1
359	ADAM10 Is the Major Sheddase Responsible for the Release of Membrane-associated Meprin A. <i>Journal of Biological Chemistry</i> , 2014, 289, 13308-13322.	1.6	49
360	ADAM17 at the interface between inflammation and autoimmunity. <i>Immunology Letters</i> , 2014, 162, 159-169.	1.1	62
361	TACE/ADAM17 Is Essential for Oligodendrocyte Development and CNS Myelination. <i>Journal of Neuroscience</i> , 2014, 34, 11884-11896.	1.7	40
362	Cell-matrix interactions: focus on proteoglycan proteinase interplay and pharmacological targeting in cancer. <i>FEBS Journal</i> , 2014, 281, 5023-5042.	2.2	80

#	ARTICLE	IF	CITATIONS
363	LGI1: From zebrafish to human epilepsy. <i>Progress in Brain Research</i> , 2014, 213, 159-179.	0.9	16
364	Regulated Intramembrane Proteolysis of the Frontotemporal Lobar Degeneration Risk Factor, TMEM106B, by Signal Peptide Peptidase-like 2a (SPPL2a). <i>Journal of Biological Chemistry</i> , 2014, 289, 19670-19680.	1.6	37
365	Growth hormone-releasing hormone antagonists abolish the transactivation of human epidermal growth factor receptors in advanced prostate cancer models. <i>Investigational New Drugs</i> , 2014, 32, 871-882.	1.2	15
366	Hertwig's epithelial root sheath cell behavior during initial acellular cementogenesis in rat molars. <i>Histochemistry and Cell Biology</i> , 2014, 142, 489-496.	0.8	12
367	Apparent Reduction of ADAM10 in Scrapie-Infected Cultured Cells and in the Brains of Scrapie-Infected Rodents. <i>Molecular Neurobiology</i> , 2014, 50, 875-887.	1.9	10
368	ADAM10 regulates proliferation, invasion, and chemoresistance of bladder cancer cells. <i>Tumor Biology</i> , 2014, 35, 9263-9268.	0.8	23
369	Activity-controlled proteolytic cleavage at the synapse. <i>Trends in Neurosciences</i> , 2014, 37, 413-423.	4.2	43
370	FRET-based and other fluorescent proteinase probes. <i>Biotechnology Journal</i> , 2014, 9, 266-281.	1.8	46
371	Unraveling the Processing and Activation of Snake Venom Metalloproteinases. <i>Journal of Proteome Research</i> , 2014, 13, 3338-3348.	1.8	23
372	A disintegrin and metalloproteinase 17 (ADAM17) mediates epidermal growth factor receptor transactivation by angiotensin II on hepatic stellate cells. <i>Life Sciences</i> , 2014, 97, 137-144.	2.0	11
373	Molecular traces of alternative social organization in a termite genome. <i>Nature Communications</i> , 2014, 5, 3636.	5.8	371
374	ADAM10 is required for SCF-induced mast cell migration. <i>Cellular Immunology</i> , 2014, 290, 80-88.	1.4	14
375	Taiwan cobra phospholipase A2 suppresses ERK-mediated ADAM17 maturation, thus reducing secreted TNF- $\alpha$ production in human leukemia U937 cells. <i>Toxicon</i> , 2014, 86, 79-88.	0.8	1
376	Metalloproteinase dependent reduction of cell surface cluster determinants upon the induction of apoptosis. <i>International Journal of Oncology</i> , 2014, 44, 1539-1550.	1.4	2
377	Expression of a disintegrin and metalloproteinase-33 protein in vocal fold polyps. <i>Journal of Laryngology and Otology</i> , 2015, 129, 688-692.	0.4	4
378	Effects of ADAM10 upregulation on progression, migration, and prognosis of nasopharyngeal carcinoma. <i>Cancer Science</i> , 2015, 106, 1506-1514.	1.7	35
380	Expression of a disintegrin and metalloproteinase 10 correlates with grade of malignancy in human glioma. <i>Oncology Letters</i> , 2015, 9, 2157-2162.	0.8	19
381	Evidence for cadherin-11 cleavage in the synovium and partial characterization of its mechanism. <i>Arthritis Research and Therapy</i> , 2015, 17, 126.	1.6	18

#	ARTICLE	IF	CITATIONS
382	Expression profile of ADAM10 and ADAM17 in allergic rhinitis. <i>International Forum of Allergy and Rhinology</i> , 2015, 5, 1036-1041.	1.5	6
383	Serum Soluble CD30 Levels to Detect Activation and Aggression Status of Adult T-Cell Leukemia/Lymphoma Cells. <i>Journal of Hematology &amp; Thromboembolic Diseases</i> , 2015, 03, .	0.1	0
384	Matrix metalloproteinases in impaired wound healing. <i>Metalloproteinases in Medicine</i> , 0, , 1.	1.0	19
385	A Disintegrin and Metalloproteinase (ADAM) 10 and 17 in Th2 Mediated Responses. , 2015, , .		0
386	Pathogenic Actions of Cell Adhesion Molecule 1 in Pulmonary Emphysema and Atopic Dermatitis. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 75.	1.8	7
387	Transmembrane Amyloid-Related Proteins in CSF as Potential Biomarkers for Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2015, 6, 125.	1.1	15
388	Preferred SH3 Domain Partners of ADAM Metalloproteases Include Shared and ADAM-Specific SH3 Interactions. <i>PLoS ONE</i> , 2015, 10, e0121301.	1.1	16
389	ADAM17 Promotes Motility, Invasion, and Sprouting of Lymphatic Endothelial Cells. <i>PLoS ONE</i> , 2015, 10, e0132661.	1.1	19
390	Proteolytically active ADAM10 and ADAM17 carried on membrane microvesicles in human abdominal aortic aneurysms. <i>Thrombosis and Haemostasis</i> , 2015, 114, 1165-1174.	1.8	55
391	High Percentage of ADAM-10 Positive Melanoma Cells Correlates with Paucity of Tumor-Infiltrating Lymphocytes but Does Not Predict Prognosis in Cutaneous Melanoma Patients. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-7.	0.7	7
392	Recent advances in the field of anti-cancer immunotherapy. <i>BBA Clinical</i> , 2015, 3, 280-288.	4.1	72
393	Anti-arthritis effect of a novel quinazoline derivative through inhibiting production of TNF- $\alpha$ mediated by TNF- $\alpha$ converting enzyme in murine collagen-induced arthritis model. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 288-293.	1.0	10
394	A disintegrin and metalloprotease 33 polymorphism association with COPD in long-term tobacco smokers of the ethnic Kashmiri population of India. <i>Lung India</i> , 2015, 32, 220.	0.3	1
395	The ADAMTS (A Disintegrin and Metalloproteinase with Thrombospondin motifs) family. <i>Genome Biology</i> , 2015, 16, 113.	3.8	471
396	A Novel Mechanism of Latency in Matrix Metalloproteinases. <i>Journal of Biological Chemistry</i> , 2015, 290, 4728-4740.	1.6	17
397	Detection of Physiological Activities of G Protein-Coupled Receptor-Acting Pharmaceuticals in Wastewater. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1903-1911.	4.6	15
398	ADAM-family metalloproteinases in lung inflammation: potential therapeutic targets. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L325-L343.	1.3	108
399	Semaphorin 4D Contributes to Rheumatoid Arthritis by Inducing Inflammatory Cytokine Production: Pathogenic and Therapeutic Implications. <i>Arthritis and Rheumatology</i> , 2015, 67, 1481-1490.	2.9	79

#	ARTICLE	IF	CITATIONS
400	Amyloid cascade hypothesis: Pathogenesis and therapeutic strategies in Alzheimer's disease. <i>Neuropeptides</i> , 2015, 52, 1-18.	0.9	405
401	SAR Studies of Exosite-Binding Substrate-Selective Inhibitors of $\alpha$ - $\beta$ -Disintegrin $\alpha$ - $\beta$ -Disintegrin and Application as Selective in Vitro Probes. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5808-5824.	2.9	16
402	Inhibition of Metalloproteinase Activity in FANCA Is Linked to Altered Oxygen Metabolism. <i>Journal of Cellular Physiology</i> , 2015, 230, 603-609.	2.0	5
403	Novel expression and regulation of TIMP-1 in Epstein Barr virus-infected cells and its impact on cell survival. <i>Virology</i> , 2015, 481, 24-33.	1.1	13
404	Subcellular localization and activation of ADAM proteases in the context of FasL shedding in T lymphocytes. <i>Molecular Immunology</i> , 2015, 65, 416-428.	1.0	33
405	ADAM protease inhibitors reduce melanogenesis by regulating PMEL17 processing in human melanocytes. <i>Journal of Dermatological Science</i> , 2015, 78, 133-142.	1.0	23
406	Roles of zinc ions and structural polymorphism of $\beta$ -amyloid in the development of Alzheimer's disease. <i>Molecular Biology</i> , 2015, 49, 217-230.	0.4	27
407	An ADAM10 promoter polymorphism is a functional variant in severe sepsis patients and confers susceptibility to the development of sepsis. <i>Critical Care</i> , 2015, 19, 73.	2.5	34
408	The regulation of MMP targeting to invadopodia during cancer metastasis. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 4.	1.8	223
409	The role and therapeutic targeting of $\beta$ -, $\gamma$ - and $\delta$ -secretase in Alzheimer's disease. <i>Future Science OA</i> , 2015, 1, FSO11.	0.9	75
410	Prognostic significance of ADAM17 expression in patients with gastric cancer who underwent curative gastrectomy. <i>Clinical and Translational Oncology</i> , 2015, 17, 604-611.	1.2	20
411	Crucial role of the Rap G protein signal in Notch activation and leukemogenicity of T-cell acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2015, 5, 7978.	1.6	9
412	The metalloprotease-disintegrin ADAM8 contributes to temozolomide chemoresistance and enhanced invasiveness of human glioblastoma cells. <i>Neuro-Oncology</i> , 2015, 17, 1474-1485.	0.6	48
413	Iron and zinc exploitation during bacterial pathogenesis. <i>Metallomics</i> , 2015, 7, 1541-1554.	1.0	68
414	New Insights Into ADAMs Regulation of the GRO- $\alpha$ /CXCR2 System: Focus on Sjögren's Syndrome. <i>International Reviews of Immunology</i> , 2015, 34, 486-499.	1.5	4
415	Epithelial cell ADAM17 activation by <i>Helicobacter pylori</i> : role of ADAM17 C-terminus and Threonine-735 phosphorylation. <i>Microbes and Infection</i> , 2015, 17, 205-214.	1.0	10
416	Transmembrane Mucin Expression and Function in Embryo Implantation and Placentation. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2015, 216, 51-68.	1.0	22
417	Shedding of klotho by ADAMs in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F359-F368.	1.3	46



#	ARTICLE	IF	CITATIONS
418	A disintegrin and metalloprotease-10 is correlated with disease activity and mediates monocyte migration and adhesion in rheumatoid arthritis. <i>Translational Research</i> , 2015, 166, 244-253.	2.2	17
419	Oligodendrocyte Regeneration and CNS Remyelination Require TACE/ADAM17. <i>Journal of Neuroscience</i> , 2015, 35, 12241-12247.	1.7	20
420	LH-Induced Steroidogenesis in the Mouse Ovary, but Not Testis, Requires Matrix Metalloproteinase 2- and 9-Mediated Cleavage of Upregulated EGF Receptor Ligands1. <i>Biology of Reproduction</i> , 2015, 93, 65.	1.2	28
421	Stanford-A acute aortic dissection, inflammation, and metalloproteinases: A review. <i>Annals of Medicine</i> , 2015, 47, 441-446.	1.5	100
422	<i>Aging Mechanisms.</i> , 2015, , .		4
423	MiR-153 inhibits migration and invasion of human non-small-cell lung cancer by targeting ADAM19. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 385-391.	1.0	80
424	Targeting the oncogenic Met receptor by antibodies and gene therapy. <i>Oncogene</i> , 2015, 34, 1883-1889.	2.6	35
425	<i>Cell-Matrix Interactions and Signal Transduction.</i> , 2015, , 47-60.		1
426	Relaxin protects cardiac muscle cells from hypoxia/reoxygenation injury: involvement of the Notch pathway. <i>FASEB Journal</i> , 2015, 29, 239-249.	0.2	66
427	Polyphenols as Therapeutic Molecules in Alzheimer's Disease Through Modulating Amyloid Pathways. <i>Molecular Neurobiology</i> , 2015, 51, 466-479.	1.9	93
428	Matrix Metalloproteinases in Non-Neoplastic Disorders. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1178.	1.8	68
429	Targeting the Hippo Signaling Pathway for Tissue Regeneration and Cancer Therapy. <i>Genes</i> , 2016, 7, 55.	1.0	57
430	Neutrophil-Derived Proteases in the Microenvironment of Pancreatic Cancer -Active Players in Tumor Progression. <i>International Journal of Biological Sciences</i> , 2016, 12, 302-313.	2.6	83
431	Matrix Metalloproteinases: New Targets in Cancer Therapy. <i>Journal of Cancer Science &amp; Therapy</i> , 2016, 8, .	1.7	9
432	Transitional Remodeling of the Hepatic Extracellular Matrix in Alcohol-Induced Liver Injury. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	24
433	Immunohistochemical study on ADAM33 in sinonasal inverted papillomas and squamous cell carcinomas of the larynx. <i>Archives of Medical Science</i> , 2016, 1, 89-94.	0.4	3
434	ADAM17 Inhibitors Attenuate Corneal Epithelial Detachment Induced by Mustard Exposure. , 2016, 57, 1687.		15
435	A Disintegrin and Metalloprotease (ADAM): Historical Overview of Their Functions. <i>Toxins</i> , 2016, 8, 122.	1.5	113

#	ARTICLE	IF	CITATIONS
436	ADAM and ADAMTS Family Proteins and Snake Venom Metalloproteinases: A Structural Overview. <i>Toxins</i> , 2016, 8, 155.	1.5	111
437	Novel Catalytically-Inactive PII Metalloproteinases from a Viperid Snake Venom with Substitutions in the Canonical Zinc-Binding Motif. <i>Toxins</i> , 2016, 8, 292.	1.5	8
438	ADAM9 Expression Is Associate with Glioma Tumor Grade and Histological Type, and Acts as a Prognostic Factor in Lower-Grade Gliomas. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1276.	1.8	27
439	ADAM10 Is Involved in Cell Junction Assembly in Early Porcine Embryo Development. <i>PLoS ONE</i> , 2016, 11, e0152921.	1.1	15
440	Deficiency and Also Transgenic Overexpression of Timp-3 Both Lead to Compromised Bone Mass and Architecture In Vivo. <i>PLoS ONE</i> , 2016, 11, e0159657.	1.1	17
441	A Disintegrin and Metalloprotease 17 in the Cardiovascular and Central Nervous Systems. <i>Frontiers in Physiology</i> , 2016, 7, 469.	1.3	55
442	<sc>ADAM</sc>28 is expressed by epithelial cells in human normal tissues and protects from C1q-induced cell death. <i>FEBS Journal</i> , 2016, 283, 1574-1594.	2.2	17
443	Dissecting the role of ADAM10 as a mediator of <i>Staphylococcus aureus</i> $\alpha$ -toxin action. <i>Biochemical Journal</i> , 2016, 473, 1929-1940.	1.7	33
444	Behavior of melanocytes and keratinocytes in reticulate acropigmentation of Kitamura. <i>Pigment Cell and Melanoma Research</i> , 2016, 29, 243-246.	1.5	12
445	Expression of ADAM17 and ADAM10 in nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2016, 6, 731-736.	1.5	6
446	Bridging the gap: heparan sulfate and Scube2 assemble Sonic hedgehog release complexes at the surface of producing cells. <i>Scientific Reports</i> , 2016, 6, 26435.	1.6	28
447	Association Study Between Promoter Polymorphisms of ADAM17 and Progression of Sepsis. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 1247-1261.	1.1	23
448	ADAM10 localization in temporomandibular joint disk with internal derangement: an ex vivo immunohistochemical study. <i>Acta Histochemica</i> , 2016, 118, 293-298.	0.9	7
449	Sorting Motifs in the Cytoplasmic Tail of the Immunomodulatory E3/49K Protein of Species D Adenoviruses Modulate Cell Surface Expression and Ectodomain Shedding. <i>Journal of Biological Chemistry</i> , 2016, 291, 6796-6812.	1.6	11
450	Methyl Protodioscin, a Steroidal Saponin, Inhibits Neointima Formation in Vitro and in Vivo. <i>Journal of Natural Products</i> , 2016, 79, 1635-1644.	1.5	15
451	Amyloid beta plaque: a culprit for neurodegeneration. <i>Acta Neurologica Belgica</i> , 2016, 116, 445-450.	0.5	30
452	Cell adhesion and invasion mechanisms that guide developing axons. <i>Current Opinion in Neurobiology</i> , 2016, 39, 77-85.	2.0	36
453	Mechano-reciprocity is maintained between physiological boundaries by tuning signal flux through the Rho-associated protein kinase. <i>Small GTPases</i> , 2016, 7, 139-146.	0.7	25

#	ARTICLE	IF	CITATIONS
454	Activation of zinc-requiring ectoenzymes by ZnT transporters during the secretory process: Biochemical and molecular aspects. Archives of Biochemistry and Biophysics, 2016, 611, 37-42.	1.4	25
455	Novel Potent Proline-Based Metalloproteinase Inhibitors: Design, (Radio)Synthesis, and First in Vivo Evaluation as Radiotracers for Positron Emission Tomography. Journal of Medicinal Chemistry, 2016, 59, 9541-9559.	2.9	13
456	Fluorescent substrates for ADAM15 useful for assaying and high throughput screening. Analytical Biochemistry, 2016, 514, 42-47.	1.1	6
457	Molecular basis for the mechanism of action of an anti-TACE antibody. MAbs, 2016, 8, 1598-1605.	2.6	23
458	Synthesis and biological evaluation of analogues of the potent ADAM8 inhibitor cyclo(RLsKDK) for the treatment of inflammatory diseases and cancer metastasis. Bioorganic and Medicinal Chemistry, 2016, 24, 4032-4037.	1.4	12
459	ADAM12-deficient zebrafish exhibit retardation in body growth at the juvenile stage without developmental defects. Development Growth and Differentiation, 2016, 58, 409-421.	0.6	10
460	The Genetics of Axon Guidance and Axon Regeneration in <i>Caenorhabditis elegans</i> . Genetics, 2016, 204, 849-882.	1.2	75
461	Dipeptidyl peptidase 9 substrates and their discovery: current progress and the application of mass spectrometry-based approaches. Biological Chemistry, 2016, 397, 837-856.	1.2	22
462	Handling Metalloproteinases. Current Protocols in Protein Science, 2016, 83, 21.16.1-21.16.20.	2.8	7
463	Quantitative proteomics identifies myoferlin as a novel regulator of A Disintegrin and Metalloproteinase 12 in HeLa cells. Journal of Proteomics, 2016, 148, 94-104.	1.2	16
464	Comparative gene expression profiling of ADAMs, MMPs, TIMPs, EMMPRIN, EGF-R and VEGFA in low grade meningioma. International Journal of Oncology, 2016, 49, 2309-2318.	1.4	17
465	Metalloprotease cleavage of the N terminus of the orphan G protein-coupled receptor GPR37L1 reduces its constitutive activity. Science Signaling, 2016, 9, ra36.	1.6	31
466	Growth hormone-releasing hormone induced transactivation of epidermal growth factor receptor in human triple-negative breast cancer cells. Peptides, 2016, 86, 153-161.	1.2	6
467	Using Metalloporphyrins to Preserve $\beta^2$ Cell Mass and Inhibit Immune Responses in Diabetes. Oxidative Stress in Applied Basic Research and Clinical Practice, 2016, , 647-667.	0.4	0
468	Phosphatidylserine exposure is required for ADAM17 sheddase function. Nature Communications, 2016, 7, 11523.	5.8	134
469	Overexpression and knock-down studies highlight that a disintegrin and metalloproteinase 28 controls proliferation and migration in human prostate cancer. Medicine (United States), 2016, 95, e5085.	0.4	10
470	Critical Role of the Disintegrin Metalloprotease ADAM-like Decysin-1 [ADAMDEC1] for Intestinal Immunity and Inflammation. Journal of Crohn's and Colitis, 2016, 10, 1417-1427.	0.6	27
471	Membrane-anchored proteases in endothelial cell biology. Current Opinion in Hematology, 2016, 23, 243-252.	1.2	18

#	ARTICLE	IF	CITATIONS
472	An improved fluorescent substrate for assaying soluble and membrane-associated ADAM family member activities. <i>Analytical Biochemistry</i> , 2016, 507, 13-17.	1.1	3
473	Epithelial Cell-Derived $\alpha$ 5 $\beta$ 1 Integrin and Metalloproteinase-17 Confers Resistance to Colonic Inflammation Through EGFR Activation. <i>EBioMedicine</i> , 2016, 5, 114-124.	2.7	30
474	Human and Murine Interleukin 23 Receptors Are Novel Substrates for $\alpha$ 5 $\beta$ 1 Integrin and Metalloproteases ADAM10 and ADAM17. <i>Journal of Biological Chemistry</i> , 2016, 291, 10551-10561.	1.6	20
475	Production of porcine TNF $\alpha$ by ADAM17-mediated cleavage negatively regulates porcine reproductive and respiratory syndrome virus infection. <i>Immunologic Research</i> , 2016, 64, 711-720.	1.3	13
476	Extracellular matrix structure. <i>Advanced Drug Delivery Reviews</i> , 2016, 97, 4-27.	6.6	1,581
477	Reduced Proteolytic Shedding of Receptor Tyrosine Kinases Is a Post-Translational Mechanism of Kinase Inhibitor Resistance. <i>Cancer Discovery</i> , 2016, 6, 382-399.	7.7	139
478	$\alpha$ 5 $\beta$ 1 Integrin is downregulated in side population and suppresses lung metastasis of lung carcinoma cells. <i>Cancer Science</i> , 2016, 107, 433-443.	1.7	25
479	Structure-Function Relationship of Modular Domains of P-III Class Snake Venom Metalloproteinases. , 2016, , 185-209.		1
480	Influence of Immune Myeloid Cells on the Extracellular Matrix During Cancer Metastasis. <i>Cancer Microenvironment</i> , 2016, 9, 45-61.	3.1	26
481	ADAM Proteases and Gastrointestinal Function. <i>Annual Review of Physiology</i> , 2016, 78, 243-276.	5.6	61
482	ADAMs family and relatives in cardiovascular physiology and pathology. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 93, 186-199.	0.9	51
483	Fluorescent Analogue of Batimastat Enables Imaging of $\alpha$ 5 $\beta$ 1 Secretase in Living Cells. <i>ACS Chemical Neuroscience</i> , 2016, 7, 40-45.	1.7	6
484	$\alpha$ 5 $\beta$ 1-Arrestin scaffolds and signaling elements essential for the obestatin/GPR39 system that determine the myogenic program in human myoblast cells. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 617-635.	2.4	21
485	Molecular signature of pancreatic adenocarcinoma: an insight from genotype to phenotype and challenges for targeted therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 341-359.	1.5	34
486	The Chemistry of Neurodegeneration: Kinetic Data and Their Implications. <i>Molecular Neurobiology</i> , 2016, 53, 3400-3415.	1.9	62
487	From varices to venous ulceration: the story of chronic venous disease described by metalloproteinases. <i>International Wound Journal</i> , 2017, 14, 233-240.	1.3	36
488	Deletion of <i>admB</i> gene encoding a fungal ADAM affects cell wall construction in <i>Aspergillus oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1041-1050.	0.6	3
489	Metalloprotease-disintegrin ADAM12 actively promotes the stem cell-like phenotype in claudin-low breast cancer. <i>Molecular Cancer</i> , 2017, 16, 32.	7.9	39

#	ARTICLE	IF	CITATIONS
490	ADAMTS and ADAM metalloproteinases in osteoarthritis – looking beyond the “usual suspects”™. <i>Osteoarthritis and Cartilage</i> , 2017, 25, 1000-1009.	0.6	197
491	Diallyl trisulfide, a chemopreventive agent from Allium vegetables, inhibits alpha-secretases in breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 833-838.	1.0	41
492	Melanogenesis and New Signaling Regulators for the Treatment of Melasma. , 2017, , 85-92.		1
493	Matrix Metalloproteinases. , 2017, , 135-140.		0
494	Clinical significance of ADAM10 expression in laryngeal carcinoma. <i>Oncology Letters</i> , 2017, 13, 1353-1359.	0.8	6
495	Proteolytic control of Interleukin-11 and Interleukin-6 biology. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2105-2117.	1.9	35
496	Deletion of ADAM-9 in HGF/CDK4 mice impairs melanoma development and metastasis. <i>Oncogene</i> , 2017, 36, 5058-5067.	2.6	13
497	Clinical Implications of Compounds Designed to Inhibit ECM-Modifying Metalloproteinases. <i>Proteomics</i> , 2017, 17, 1600389.	1.3	18
498	Mapping Lipid Bilayer Recognition Sites of Metalloproteinases and Other Prospective Peripheral Membrane Proteins. <i>Methods in Molecular Biology</i> , 2017, 1579, 61-86.	0.4	6
499	Allergen-dependent oxidant formation requires purinoceptor activation of ADAM 10 and prothrombin. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 2023-2026.e9.	1.5	16
500	Overexpression of the A Disintegrin and Metalloproteinase ADAM15 is linked to a Small but Highly Aggressive Subset of Prostate Cancers. <i>Neoplasia</i> , 2017, 19, 279-287.	2.3	16
501	Soluble Delta-like ligand 1 alters human endometrial epithelial cell adhesive capacity. <i>Reproduction, Fertility and Development</i> , 2017, 29, 694.	0.1	10
502	Deficiency in Sperm-Egg Protein Interaction as a Major Cause of Fertilization Failure. <i>Journal of Membrane Biology</i> , 2017, 250, 133-144.	1.0	2
503	New insights into mechanisms of small vessel disease stroke from genetics. <i>Clinical Science</i> , 2017, 131, 515-531.	1.8	50
504	Histone deacetylase inhibitor apicidin increases expression of the $\beta$ -secretase ADAM10 through transcription factor USF1-mediated mechanisms. <i>FASEB Journal</i> , 2017, 31, 1482-1493.	0.2	30
505	MicroRNA-154/ADAM9 axis inhibits the proliferation, migration and invasion of breast cancer cells. <i>Oncology Letters</i> , 2017, 14, 6969-6975.	0.8	19
506	Lung cancer-associated brain metastasis: Molecular mechanisms and therapeutic options. <i>Cellular Oncology (Dordrecht)</i> , 2017, 40, 419-441.	2.1	104
507	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.	1.6	13

#	ARTICLE	IF	CITATIONS
508	Role of ADAM10 in intestinal crypt homeostasis and tumorigenesis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2228-2239.	1.9	33
509	Protease activity as a prognostic factor for wound healing in venous leg ulcers. <i>The Cochrane Library</i> , 2017, , .	1.5	9
510	Overexpression of A disintegrin and metalloprotease 10 promotes tumor proliferation, migration and poor prognosis in hypopharyngeal squamous cell carcinoma. <i>Oncology Reports</i> , 2017, 38, 866-874.	1.2	3
511	TLR4-mediated galectin-1 production triggers epithelial-mesenchymal transition in colon cancer cells through ADAM10- and ADAM17-associated lactate production. <i>Molecular and Cellular Biochemistry</i> , 2017, 425, 191-202.	1.4	32
512	Avoiding Proteolysis During Protein Purification. <i>Methods in Molecular Biology</i> , 2017, 1485, 53-69.	0.4	5
513	Mass spectrometry-based proteomics revealed Glypican-1 as a novel ADAM17 substrate. <i>Journal of Proteomics</i> , 2017, 151, 53-65.	1.2	23
514	Changes in expressions of ADAM9, 10, and 17 as well as $\hat{\pm}$ -secretase activity in renal cell carcinoma. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2017, 35, 36.e15-36.e22.	0.8	4
515	Expression of ADAM10, Fas, FasL and Soluble FasL in Patients with Oral Squamous Cell Carcinoma (OSCC) and their Association with Clinical-Pathological Parameters. <i>Pathology and Oncology Research</i> , 2017, 23, 345-353.	0.9	9
516	A Brief Introduction to Proteinases. , 2017, , 1-12.		1
517	ADAM proteases involved in inflammation are differentially altered in patients with gastritis or ulcer. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 1999-2005.	0.8	9
518	The Metalloproteinase ADAM28 Promotes Metabolic Dysfunction in Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 884.	1.8	10
519	Metalloproteinases in Rheumatoid Arthritis: Potential Therapeutic Targets to Improve Current Therapies. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 148, 327-338.	0.9	59
520	The Balance Between Metalloproteinases and TIMPs. <i>Progress in Molecular Biology and Translational Science</i> , 2017, 147, 101-131.	0.9	35
521	Ectodomain Shedding by ADAM17: Its Role in Neutrophil Recruitment and the Impairment of This Process during Sepsis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 138.	1.8	46
522	Stretching Reduces Skin Thickness and Improves Subcutaneous Tissue Mobility in a Murine Model of Systemic Sclerosis. <i>Frontiers in Immunology</i> , 2017, 8, 124.	2.2	13
523	Role of MicroRNA-103a Targeting ADAM10 in Abdominal Aortic Aneurysm. <i>BioMed Research International</i> , 2017, 2017, 1-14.	0.9	32
524	&lt;b&gt;ADAM17 regulates TNF- $\hat{\pm}$ expression upon lipopolysaccharide stimulation in oral &lt;b&gt;&lt;b&gt;keratinocytes &lt;/b&gt;. <i>Biomedical Research</i> , 2017, 38, 157-165.	0.3	11
525	Association between ADAM12 Single-Nucleotide Polymorphisms and Knee Osteoarthritis: A Meta-Analysis. <i>BioMed Research International</i> , 2017, 2017, 1-12.	0.9	19

#	ARTICLE	IF	CITATIONS
526	Recent Advances in ADAM17 Research: A Promising Target for Cancer and Inflammation. Mediators of Inflammation, 2017, 2017, 1-21.	1.4	131
527	Contrasting effects of myeloid and endothelial ADAM17 on atherosclerosis development. Thrombosis and Haemostasis, 2017, 117, 644-646.	1.8	17
528	ADAM23 promotes neuronal differentiation of human neural progenitor cells. Cellular and Molecular Biology Letters, 2017, 22, 16.	2.7	9
529	Male infertility-related molecules involved in sperm-oocyte fusion. Journal of Reproduction and Development, 2017, 63, 1-7.	0.5	10
530	MicroRNA-543 inhibits proliferation, invasion and induces apoptosis of glioblastoma cells by directly targeting ADAM9. Molecular Medicine Reports, 2017, 16, 6419-6427.	1.1	12
531	MicroRNA-302a suppresses cell proliferation, migration and invasion in osteosarcoma by targeting ADAM9. Molecular Medicine Reports, 2017, 16, 3565-3572.	1.1	9
532	Prion Proteins Without the Glycophosphatidylinositol Anchor: Potential Biomarkers in Neurodegenerative Diseases. Biomarker Insights, 2018, 13, 117727191875664.	1.0	5
533	An ADAM12 and FAK positive feedback loop amplifies the interaction signal of tumor cells with extracellular matrix to promote esophageal cancer metastasis. Cancer Letters, 2018, 422, 118-128.	3.2	27
534	Specific ADAM10 inhibitors localize in exosome-like vesicles released by Hodgkin lymphoma and stromal cells and prevent sheddase activity carried to bystander cells. Oncolmmunology, 2018, 7, e1421889.	2.1	28
535	Tissue inhibitor of the metalloproteinases-3 gene polymorphisms and carotid plaque susceptibility in the Han Chinese population. International Journal of Neuroscience, 2018, 128, 920-927.	0.8	7
536	Sorting nexin 9 (SNX9) regulates levels of the transmembrane ADAM9 at the cell surface. Journal of Biological Chemistry, 2018, 293, 8077-8088.	1.6	14
537	ADAM9 is overexpressed in human ovarian clear cell carcinomas and suppresses cisplatin-induced cell death. Cancer Science, 2018, 109, 471-482.	1.7	18
538	Cancer Associated Fibroblasts: The Architects of Stroma Remodeling. Proteomics, 2018, 18, e1700167.	1.3	169
539	Disintegrin and metalloproteinases (ADAMs and ADAM-TSs), the emerging family of proteases in heart physiology and pathology. Current Opinion in Physiology, 2018, 1, 34-45.	0.9	9
540	Proteolytic Cleavage Mechanisms, Function, and Approaches for a Near-Ubiquitous Posttranslational Modification. Chemical Reviews, 2018, 118, 1137-1168.	23.0	145
541	A high-content screen for small-molecule regulators of epithelial cell-adhesion molecule (EpCAM) cleavage yields a robust inhibitor. Journal of Biological Chemistry, 2018, 293, 8994-9005.	1.6	3
542	<i>Xenopus</i> ADAM19 regulates Wnt signaling and neural crest specification by stabilizing ADAM13. Development (Cambridge), 2018, 145, .	1.2	18
543	The pleiotropic roles of ADAM9 in the biology of solid tumors. Cellular and Molecular Life Sciences, 2018, 75, 2291-2301.	2.4	43

#	ARTICLE	IF	CITATIONS
544	Multiple non-catalytic ADAMs are novel integrin $\alpha 4$ ligands. <i>Molecular and Cellular Biochemistry</i> , 2018, 442, 29-38.	1.4	10
545	Targeting demyelination via $\alpha$ -secretases promoting sAPP $\alpha$ release to enhance remyelination in central nervous system. <i>Neurobiology of Disease</i> , 2018, 109, 11-24.	2.1	20
546	Relaxin induces up-regulation of ADAM10 metalloprotease in RXFP1-expressing cells by PI3K/AKT signaling. <i>Molecular and Cellular Endocrinology</i> , 2018, 472, 80-86.	1.6	13
547	Potential roles of metalloproteinases of endometrium-derived exosomes in embryo-maternal crosstalk during implantation. <i>Journal of Cellular Physiology</i> , 2018, 233, 4530-4545.	2.0	35
548	Role of Epidermal Growth Factor Receptor (EGFR) and Its Ligands in Kidney Inflammation and Damage. <i>Mediators of Inflammation</i> , 2018, 2018, 1-22.	1.4	93
549	Pneumococcal histidine triads $\alpha$ involved not only in Zn <sup>2+</sup> , but also Ni <sup>2+</sup> binding?. <i>Metallomics</i> , 2018, 10, 1631-1637.	1.0	6
550	Protease activity as a prognostic factor for wound healing in venous leg ulcers. <i>The Cochrane Library</i> , 2018, 2018, CD012841.	1.5	28
551	Cellular and Molecular Events in the Airway Epithelium Defining the Interaction Between House Dust Mite Group 1 Allergens and Innate Defences. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3549.	1.8	24
552	CD9 Controls Integrin $\alpha 5 \beta 1$ -Mediated Cell Adhesion by Modulating Its Association With the Metalloproteinase ADAM17. <i>Frontiers in Immunology</i> , 2018, 9, 2474.	2.2	33
553	Soluble Siglec-14 glycan-recognition protein is generated by alternative splicing and suppresses myeloid inflammatory responses. <i>Journal of Biological Chemistry</i> , 2018, 293, 19645-19658.	1.6	32
554	Clinical significance of ADAM29 promoting the invasion and growth of gastric cancer cells <i>in vitro</i> . <i>Oncology Letters</i> , 2018, 16, 1483-1490.	0.8	4
555	Disrupting Hedgehog Cardin $\alpha$ Weintraub sequence and positioning changes cellular differentiation and compartmentalization <i>in vivo</i> . <i>Development (Cambridge)</i> , 2018, 145, .	1.2	10
556	Metalloproteinases in disease: identification of biomarkers of tissue damage through proteomics. <i>Expert Review of Proteomics</i> , 2018, 15, 967-982.	1.3	13
557	von Willebrand factor is a useful biomarker for liver fibrosis and prediction of hepatocellular carcinoma development in patients with hepatitis B and C. <i>United European Gastroenterology Journal</i> , 2018, 6, 1401-1409.	1.6	27
558	ADAM 33 gene V4 C/G rs2787094 polymorphism in psoriasis. <i>Bratislava Medical Journal</i> , 2018, 119, 454-457.	0.4	1
559	The emerging role of ADAM metalloproteinases in immunity. <i>Nature Reviews Immunology</i> , 2018, 18, 745-758.	10.6	166
560	Cellular sheddases are induced by Merkel cell polyomavirus small tumour antigen to mediate cell dissociation and invasiveness. <i>PLoS Pathogens</i> , 2018, 14, e1007276.	2.1	24
561	Selective Inhibition of ADAM28 Suppresses Lung Carcinoma Cell Growth and Metastasis. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2427-2438.	1.9	12



#	ARTICLE	IF	CITATIONS
562	Monoclonal Antibody DL11C8 Identifies ADAM23 as a Component of Lipid Raft Microdomains. <i>Neuroscience</i> , 2018, 384, 165-177.	1.1	2
563	Plant-Derived Compounds in Cancer Therapy: Traditions of Past and Drugs of Future. , 2018, , 91-127.		5
564	The role of ADAM-like decysin 1 in non-eosinophilic chronic rhinosinusitis with nasal polyps. <i>Acta Oto-Laryngologica</i> , 2018, 138, 830-836.	0.3	6
565	VEGF-A selectively inhibits FLT1 ectodomain shedding independent of receptor activation and receptor endocytosis. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C214-C224.	2.1	1
566	ADAM-17 is expressed on rheumatoid arthritis fibroblast-like synoviocytes and regulates proinflammatory mediator expression and monocyte adhesion. <i>Arthritis Research and Therapy</i> , 2018, 20, 159.	1.6	15
567	Levels of ADAM10 are reduced in Alzheimer's disease CSF. <i>Journal of Neuroinflammation</i> , 2018, 15, 213.	3.1	39
568	Tetraspanin CD9: A Key Regulator of Cell Adhesion in the Immune System. <i>Frontiers in Immunology</i> , 2018, 9, 863.	2.2	105
569	Reducing the Levels of Akt Activation by PDK1 Knock-in Mutation Protects Neuronal Cultures against Synthetic Amyloid-Beta Peptides. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 435.	1.7	29
570	The Retromer Complex and Sorting Nexins in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 79.	1.7	55
571	Cosmosiin Increases ADAM10 Expression via Mechanisms Involving 5'UTR and PI3K Signaling. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 198.	1.4	19
572	Reviewing Mechanistic Peptidomics in Body Fluids Focusing on Proteases. <i>Proteomics</i> , 2018, 18, e1800187.	1.3	18
573	Overexpression of ADAM10 in oral squamous cell carcinoma with metastases. <i>Polish Journal of Pathology</i> , 2018, 69, 67-72.	0.1	8
574	Multifaced Roles of the $\alpha 2 \beta 3$ Integrin in Ehlers-Danlos and Arterial Tortuosity Syndromes™ Dermal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2018, 19, 982.	1.8	24
575	Staphylococcus aureus Toxins and Their Molecular Activity in Infectious Diseases. <i>Toxins</i> , 2018, 10, 252.	1.5	282
576	An ADAM-10 dependent EPCR shedding links meningococcal interaction with endothelial cells to purpura fulminans. <i>PLoS Pathogens</i> , 2018, 14, e1006981.	2.1	19
577	ADAM-17 is a poor prognostic indicator for patients with hilar cholangiocarcinoma and is regulated by FoxM1. <i>BMC Cancer</i> , 2018, 18, 570.	1.1	19
578	Neuroprotective effects of <i>Foeniculum vulgare</i> seeds extract on lead-induced neurotoxicity in mice brain. <i>Drug and Chemical Toxicology</i> , 2018, 41, 399-407.	1.2	21
579	Processed eggshell membrane powder regulates cellular functions and increase MMP-activity important in early wound healing processes. <i>PLoS ONE</i> , 2018, 13, e0201975.	1.1	34

#	ARTICLE	IF	CITATIONS
580	Synthesis and in vitro Evaluation of ADAM10 and ADAM17 Highly Selective Bioimaging Probes. <i>ChemMedChem</i> , 2018, 13, 2119-2131.	1.6	7
581	Can EGCG Alleviate Symptoms of Down Syndrome by Altering Proteolytic Activity?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 248.	1.8	17
582	MiR-129-5p functions as a tumor suppressor in gastric cancer progression through targeting ADAM9. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 420-427.	2.5	31
583	A Disintegrin and Metalloproteases (ADAMs) in Cardiovascular, Metabolic and Inflammatory Diseases: Aspects for Theranostic Approaches. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1167-1175.	1.8	26
584	Sex-specific epigenetic mediators between early life social disadvantage and adulthood BMI. <i>Epigenomics</i> , 2018, 10, 707-722.	1.0	19
585	SOX4, an epithelialâ€mesenchymal transition inducer, transactivates ADAM28 gene expression and coâ€localizes with ADAM28 at the invasive front of human breast and lung carcinomas. <i>Pathology International</i> , 2018, 68, 449-458.	0.6	8
586	Low levels of ADAM23 expression in epithelial ovarian cancer are associated with poor survival. <i>Pathology Research and Practice</i> , 2018, 214, 1115-1122.	1.0	11
587	Protein levels of ADAM10, BACE1, and PSEN1 in platelets and leukocytes of Alzheimerâ€™s disease patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 963-972.	1.8	27
588	Reflections on the evolution of the vertebrate tissue inhibitors of metalloproteinases. <i>FASEB Journal</i> , 2019, 33, 71-87.	0.2	12
589	ADAM15 in Apoptosis Resistance of Synovial Fibroblasts: Converting Fas/CD95 Death Signals Into the Activation of Prosurvival Pathways by Calmodulin Recruitment. <i>Arthritis and Rheumatology</i> , 2019, 71, 63-72.	2.9	9
590	Domain integration of ADAM family proteins: Emerging themes from structural studies. <i>Experimental Biology and Medicine</i> , 2019, 244, 1510-1519.	1.1	18
591	Sevoflurane inhibits migration and invasion of colorectal cancer cells by regulating microRNA-34a/ADAM10 axis. <i>Neoplasma</i> , 2019, 66, 887-895.	0.7	31
592	Proteases in Pemphigoid Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 1454.	2.2	19
593	Translocating a High-Affinity Designer TIMP-1 to the Cell Membrane for Total Renal Carcinoma Inhibition: Putting the Prion Protein to Good Use. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	4
594	Status update on iRhom and ADAM17: It's still complicated. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 1567-1583.	1.9	39
595	Differences in Shedding of the Interleukin-11 Receptor by the Proteases ADAM9, ADAM10, ADAM17, Mepri n 1±, Mepri n 1² and MT1-MMP. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3677.	1.8	22
596	Proteomic Advances in Glial Tumors through Mass Spectrometry Approaches. <i>Medicina (Lithuania)</i> , 2019, 55, 412.	0.8	11
597	Cell-autonomous FLT3L shedding via ADAM10 mediates conventional dendritic cell development in mouse spleen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14714-14723.	3.3	20

#	ARTICLE	IF	CITATIONS
598	VWF/ADAMTS13 ratio as a potential biomarker for early detection of hepatocellular carcinoma. <i>BMC Gastroenterology</i> , 2019, 19, 167.	0.8	20
599	Proteome and Secretome Dynamics of Human Retinal Pigment Epithelium in Response to Reactive Oxygen Species. <i>Scientific Reports</i> , 2019, 9, 15440.	1.6	22
600	ADAM3A copy number gains occur in a subset of conjunctival squamous cell carcinoma and its high grade precursors. <i>Human Pathology</i> , 2019, 94, 92-97.	1.1	5
601	ADAM15 mediates upregulation of Claudin-1 expression in breast cancer cells. <i>Scientific Reports</i> , 2019, 9, 12540.	1.6	18
602	Dyschromatosis symmetrica hereditaria and reticulate acropigmentation of Kitamura: An update. <i>Journal of Dermatological Science</i> , 2019, 93, 75-81.	1.0	20
603	Functions of $\alpha$ 5 disintegrin and metalloproteases (ADAMs) <sup>TM</sup> in the mammalian nervous system. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3055-3081.	2.4	82
604	Role of ADAM17 in kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F333-F342.	1.3	37
605	Identification of ADAM12 as a Novel Basigin Sheddase. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1957.	1.8	15
606	Soluble Heparin and Heparan Sulfate Glycosaminoglycans Interfere with Sonic Hedgehog Solubilization and Receptor Binding. <i>Molecules</i> , 2019, 24, 1607.	1.7	7
607	EphA8 acts as an oncogene and contributes to poor prognosis in gastric cancer via regulation of ADAM10. <i>Journal of Cellular Physiology</i> , 2019, 234, 20408-20419.	2.0	13
608	The vexing complexity of the amyloidogenic pathway. <i>Protein Science</i> , 2019, 28, 1177-1193.	3.1	25
609	A Disintegrin and Metalloproteinase (ADAM) and ADAM with thrombospondin motifs (ADAMTS) family in vascular biology and disease. <i>Biochemical Pharmacology</i> , 2019, 164, 188-204.	2.0	71
610	A disintegrin and metalloprotease 23 hypermethylation predicts decreased disease-free survival in low-risk breast cancer patients. <i>Cancer Science</i> , 2019, 110, 1695-1704.	1.7	12
611	Impact of proteolysis on cancer stem cell functions. <i>Biochimie</i> , 2019, 166, 214-222.	1.3	6
612	Structural exploration of arylsulfonamide-based ADAM17 inhibitors through validated comparative multi-QSAR modelling studies. <i>Journal of Molecular Structure</i> , 2019, 1185, 128-142.	1.8	9
613	Inhibition of MMPs and ADAM/ADAMTS. <i>Biochemical Pharmacology</i> , 2019, 165, 33-40.	2.0	121
614	The metalloprotease ADAM17 in inflammation and cancer. <i>Pathology Research and Practice</i> , 2019, 215, 152410.	1.0	76
615	Modeling CADASIL vascular pathologies with patient-derived induced pluripotent stem cells. <i>Protein and Cell</i> , 2019, 10, 249-271.	4.8	41

#	ARTICLE	IF	CITATIONS
616	Renin-Angiotensin-Aldosterone System in Heart Failure: Focus on Nonclassical Angiotensin Pathways as Novel Upstream Targets Regulating Aldosterone. , 0, , .		2
617	Ionizing radiation increases the endothelial permeability and the transendothelial migration of tumor cells through ADAM10-activation and subsequent degradation of VE-cadherin. BMC Cancer, 2019, 19, 958.	1.1	30
618	Exosomes as a storehouse of tissue remodeling proteases and mediators of cancer progression. Cancer and Metastasis Reviews, 2019, 38, 455-468.	2.7	22
619	Genetic association of ADAM33 polymorphisms with childhood asthma in Chinese Han population. Medicine (United States), 2019, 98, e17327.	0.4	4
620	Targeting Metalloenzymes for Therapeutic Intervention. Chemical Reviews, 2019, 119, 1323-1455.	23.0	181
621	Salt-Mediated Nanopore Detection of ADAM-17. ACS Applied Bio Materials, 2019, 2, 504-509.	2.3	16
622	Exosomes Derived from Human Primary and Metastatic Colorectal Cancer Cells Contribute to Functional Heterogeneity of Activated Fibroblasts by Reprogramming Their Proteome. Proteomics, 2019, 19, e1800148.	1.3	108
623	Transcriptional repression of the ectodomain sheddase ADAM10 by TBX2 and potential implication for Alzheimer's disease. Cellular and Molecular Life Sciences, 2019, 76, 1005-1025.	2.4	8
624	Salivary protease spectrum biomarkers of oral cancer. International Journal of Oral Science, 2019, 11, 7.	3.6	49
625	Effects of ADAM2 silencing on isoflurane-induced cognitive dysfunction via the P13K/Akt signaling pathway in immature rats. Biomedicine and Pharmacotherapy, 2019, 109, 217-225.	2.5	9
626	Insulin-like growth factor-1 engaged in the mandibular condylar cartilage degeneration induced by experimental unilateral anterior crossbite. Archives of Oral Biology, 2019, 98, 17-25.	0.8	9
627	Targeting a Designer TIMP-1 to the Cell Surface for Effective MT1-MMP Inhibition: A Potential Role for the Prion Protein in Renal Carcinoma Therapy. Molecules, 2019, 24, 255.	1.7	14
628	Regulation of Follicle Formation and Development by Ovarian Signaling Pathways. , 2019, , 23-49.		7
629	Deletion of Adam6 in Mus musculus leads to male subfertility and deficits in sperm ascent into the oviduct. Biology of Reproduction, 2019, 100, 686-696.	1.2	8
630	Formation of longitudinal axon pathways in Caenorhabditis elegans. Seminars in Cell and Developmental Biology, 2019, 85, 60-70.	2.3	6
631	Degradome of soluble ADAM10 and ADAM17 metalloproteases. Cellular and Molecular Life Sciences, 2020, 77, 331-350.	2.4	46
632	Proteolytic, lipidergic and polysaccharide molecular recognition shape innate responses to house dust mite allergens. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 33-53.	2.7	39
633	Involvement of ADAM10 in acrolein-induced astrocytic inflammation. Toxicology Letters, 2020, 318, 44-49.	0.4	15

#	ARTICLE	IF	CITATIONS
634	The involvement of <scp>ADAM</scp> 10 in acantholysis in mucocutaneous pemphigus vulgaris depends on the autoantibody profile of each patient. <i>British Journal of Dermatology</i> , 2020, 182, 1194-1204.	1.4	17
635	Inactivation of Lgi1 in murine neuronal precursor cells leads to dysregulation of axon guidance pathways. <i>Genomics</i> , 2020, 112, 1167-1172.	1.3	0
636	Association of ADAM17 Expression Levels in Patients with Interstitial Lung Disease. <i>Immunological Investigations</i> , 2020, 49, 134-145.	1.0	7
637	Design and synthesis of selective and blood-brain barrier-permeable hydroxamate-based gelatinase inhibitors. <i>Bioorganic Chemistry</i> , 2020, 94, 103365.	2.0	14
638	Genome-wide association study for age at puberty in young Nelore bulls. <i>Journal of Animal Breeding and Genetics</i> , 2020, 137, 234-244.	0.8	18
639	Expression and Function of a Disintegrin and Metalloproteinases in Cancer-Associated Fibroblasts of Colorectal Cancer. <i>Digestion</i> , 2020, 101, 18-24.	1.2	44
640	The Matrisome, Inflammation, and Liver Disease. <i>Seminars in Liver Disease</i> , 2020, 40, 180-188.	1.8	21
641	The past, present and future perspectives of matrix metalloproteinase inhibitors. , 2020, 207, 107465.		99
642	An Insight into Reprogramming Barriers to iPSC Generation. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 56-81.	1.7	53
643	Comparison of ADAM19 and CUEDC2 expression in EHCC and their clinicopathological significance. <i>Biomarkers in Medicine</i> , 2020, 14, 1573-1584.	0.6	0
644	ADAM-Mediated Signalling Pathways in Gastrointestinal Cancer Formation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5133.	1.8	11
645	Clinical Features and Pathogenic Mechanisms of Gastrointestinal Injury in COVID-19. <i>Journal of Clinical Medicine</i> , 2020, 9, 3630.	1.0	17
646	ADAM22/LGI1 complex as a new actionable target for breast cancer brain metastasis. <i>BMC Medicine</i> , 2020, 18, 349.	2.3	8
647	<p>ADAMDEC1 and Its Role in Inflammatory Disease and Cancer</p>. <i>Metalloproteinases in Medicine</i> , 2020, Volume 7, 15-28.	1.0	4
648	Developments in Carbohydrate-Based Metzincin Inhibitors. <i>Pharmaceuticals</i> , 2020, 13, 376.	1.7	4
649	Targeting Dysregulation of Metalloproteinase Activity in Osteoarthritis. <i>Calcified Tissue International</i> , 2021, 109, 277-290.	1.5	27
650	Joint Entropy-Assisted Graphene Oxide-Based Multiplexing Biosensing Platform for Simultaneous Detection of Multiple Proteases. <i>Analytical Chemistry</i> , 2020, 92, 15042-15049.	3.2	18
651	iRhom2: An Emerging Adaptor Regulating Immunity and Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6570.	1.8	16

#	ARTICLE	IF	CITATIONS
652	Protein signatures of seminal plasma from bulls with contrasting frozen-thawed sperm viability. <i>Scientific Reports</i> , 2020, 10, 14661.	1.6	35
653	miR-552: an important post-transcriptional regulator that affects human cancer. <i>Journal of Cancer</i> , 2020, 11, 6226-6233.	1.2	13
654	Multiple proteases are involved in mesothelin shedding by cancer cells. <i>Communications Biology</i> , 2020, 3, 728.	2.0	17
655	An Overview of ADAM9: Structure, Activation, and Regulation in Human Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7790.	1.8	41
656	Tetraspanin CD9 affects HPV16 infection by modulating ADAM17 activity and the ERK signalling pathway. <i>Medical Microbiology and Immunology</i> , 2020, 209, 461-471.	2.6	16
657	Immature Stroma and Prognostic Profiling in Colorectal Carcinoma: Development and Validation of Novel Classification Systems. <i>Pathology Research and Practice</i> , 2020, 216, 152970.	1.0	7
658	The evolution of ADAM gene family in eukaryotes. <i>Genomics</i> , 2020, 112, 3108-3116.	1.3	14
659	Analysis of the inhibiting activity of reversion-inducing cysteine-rich protein with Kazal motifs (RECK) on matrix metalloproteinases. <i>Scientific Reports</i> , 2020, 10, 6317.	1.6	11
660	Inflammatory Cytokines During Cardiac Rehabilitation After Heart Surgery and Their Association to Postoperative Atrial Fibrillation. <i>Scientific Reports</i> , 2020, 10, 8618.	1.6	18
661	Analysis of the Relationship Between Metalloprotease-9 and Tau Protein in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 553-569.	1.2	10
662	Adverse Cardiac Remodelling after Acute Myocardial Infarction: Old and New Biomarkers. <i>Disease Markers</i> , 2020, 2020, 1-21.	0.6	57
663	The c-MET oncoprotein: Function, mechanisms of degradation and its targeting by novel anti-cancer agents. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129650.	1.1	22
664	In-depth proteome analysis of more than 12,500 proteins in buffalo mammary epithelial cell line identifies protein signatures for active proliferation and lactation. <i>Scientific Reports</i> , 2020, 10, 4834.	1.6	9
665	The ECM path of senescence in aging: components and modifiers. <i>FEBS Journal</i> , 2020, 287, 2636-2646.	2.2	102
666	miR-21-3p regulates AGE/RAGE signalling and improves diabetic atherosclerosis. <i>Cell Biochemistry and Function</i> , 2020, 38, 965-975.	1.4	20
667	<i>Bacillus pumilus</i> Ribonuclease Inhibits Migration of Human Duodenum Adenocarcinoma HuTu 80 Cells. <i>Molecular Biology</i> , 2020, 54, 128-133.	0.4	8
668	Modulation of Immune Responses by Platelet-Derived ADAM10. <i>Frontiers in Immunology</i> , 2020, 11, 44.	2.2	26
669	Kallikrein-Related Peptidase 14 Activates Zymogens of Membrane Type Matrix Metalloproteinases (MT-MMPs) A CleavEx Based Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4383.	1.8	5

#	ARTICLE	IF	CITATIONS
670	GPR50 Promotes Hepatocellular Carcinoma Progression via the Notch Signaling Pathway through Direct Interaction with ADAM17. <i>Molecular Therapy - Oncolytics</i> , 2020, 17, 332-349.	2.0	15
671	Substrate-Specific Activation of Î±-Secretase by 7-Deoxy-Trans-Dihydronarciclasine Increases Non-Amyloidogenic Processing of Î²-Amyloid Protein Precursor. <i>Molecules</i> , 2020, 25, 646.	1.7	5
672	The Transcriptome of Pig Spermatozoa, and Its Role in Fertility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1572.	1.8	31
673	Adhesion molecules in gamete transport, fertilization, early embryonic development, and implantationâ€™ role in establishing a pregnancy in cattle: A review. <i>Molecular Reproduction and Development</i> , 2020, 87, 206-222.	1.0	23
674	Thiosemicarbazones suppress expression of the c-Met oncogene by mechanisms involving lysosomal degradation and intracellular shedding. <i>Journal of Biological Chemistry</i> , 2020, 295, 481-503.	1.6	18
675	Protease-activated prodrugs: strategies, challenges, and future directions. <i>FEBS Journal</i> , 2020, 287, 1936-1969.	2.2	71
676	Peroxidase activity of heme bound amyloid Î² peptides associated with Alzheimer's disease. <i>Chemical Communications</i> , 2020, 56, 4505-4518.	2.2	19
677	Basic Biology of Extracellular Matrix in the Cardiovascular System, Part 1/4. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2169-2188.	1.2	51
678	ADAM10 promotes cell growth, migration, and invasion in osteosarcoma via regulating E-cadherin/Î²-catenin signaling pathway and is regulated by miR-122-5p. <i>Cancer Cell International</i> , 2020, 20, 99.	1.8	7
679	NKG2D Ligand Shedding in Response to Stress: Role of ADAM10. <i>Frontiers in Immunology</i> , 2020, 11, 447.	2.2	30
680	Mapping and functional characterization of murine kidney injury molecule-1 proteolytic cleavage site. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 1093-1108.	1.4	6
681	ADAM15 Participates in Tick-Borne Encephalitis Virus Replication. <i>Journal of Virology</i> , 2021, 95, .	1.5	5
682	Interleukinâ€6 pathobiology in equine placental infection. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13363.	1.2	3
683	A profile of multiple circulating tumor necrosis factor receptors associated with early progressive kidney decline in Type 1 Diabetes is similar to profiles in autoimmune disorders. <i>Kidney International</i> , 2021, 99, 725-736.	2.6	11
684	Overcoming Obstacles to Targeting Muscarinic Receptor Signaling in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 716.	1.8	10
685	Vertebral-specific activation of the CX3CL1/ICAM-1 signaling network mediates non-small-cell lung cancer spinal metastasis by engaging tumor cell-vertebral bone marrow endothelial cell interactions. <i>Theranostics</i> , 2021, 11, 4770-4789.	4.6	15
686	Biological potentials for a family of disintegrin and metalloproteinase (ADAMDEC)-1 in mouse normal pregnancy. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 512-521.	0.3	2
687	Loss of Adam10 Disrupts Ion Transport in Immortalized Kidney Collecting Duct Cells. <i>Function</i> , 2021, 2, zqab024.	1.1	1

#	ARTICLE	IF	CITATIONS
688	Changes in Exosome Release in Thyroid Cancer Cells after Prolonged Exposure to Real Microgravity in Space. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2132.	1.8	10
689	Quantitative Proteomics Reveals Changes Induced by TIMP-3 on Cell Membrane Composition and Novel Metalloprotease Substrates. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2392.	1.8	6
690	Expression of ADAM Proteases in Bladder Cancer Patients with BCG Failure: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 764.	1.0	5
691	Alterations of Extracellular Matrix Components in the Course of Juvenile Idiopathic Arthritis. <i>Metabolites</i> , 2021, 11, 132.	1.3	13
692	Proximal tubule LPA1 and LPA2 receptors use divergent signaling pathways to additively increase profibrotic cytokine secretion. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F359-F374.	1.3	6
693	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.	1.4	5
694	A guide to the composition and functions of the extracellular matrix. <i>FEBS Journal</i> , 2021, 288, 6850-6912.	2.2	320
695	ADAM17 is an essential attachment factor for classical swine fever virus. <i>PLoS Pathogens</i> , 2021, 17, e1009393.	2.1	15
696	The Tumor Proteolytic Landscape: A Challenging Frontier in Cancer Diagnosis and Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2514.	1.8	35
697	The Cellular Prion Proteinâ€™ROCK Connection: Contribution to Neuronal Homeostasis and Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 660683.	1.8	6
698	A Holistic Appraisal of Stromal Differentiation in Colorectal Cancer: Biology, Histopathology, Computation, and Genomics. <i>Pathology Research and Practice</i> , 2021, 220, 153378.	1.0	16
699	Proteolytic Cleavage of Receptor Tyrosine Kinases. <i>Biomolecules</i> , 2021, 11, 660.	1.8	8
700	A Disintegrin and Metalloprotease 12 Promotes Tumor Progression by Inhibiting Apoptosis in Human Colorectal Cancer. <i>Cancers</i> , 2021, 13, 1927.	1.7	11
701	Exploring the landscape of ectodomain shedding by quantitative protein terminomics. <i>IScience</i> , 2021, 24, 102259.	1.9	12
702	Key metalloproteinase-mediated pathways in the kidney. <i>Nature Reviews Nephrology</i> , 2021, 17, 513-527.	4.1	46
703	Hypoxia-inducible factor-dependent ADAM12 expression mediates breast cancer invasion and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	38
704	A wake-like state in vitro induced by transmembrane TNF/soluble TNF receptor reverse signaling. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 245-258.	2.0	9
705	ADAM10 Site-Dependent Biology: Keeping Control of a Pervasive Protease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4969.	1.8	11



#	ARTICLE	IF	CITATIONS
706	Extracellular Matrix by Design: Native Biomaterial Fabrication and Functionalization to Boost Tissue Regeneration. <i>Regenerative Engineering and Translational Medicine</i> , 2022, 8, 55-74.	1.6	4
707	Targeted sequencing reveals candidate causal variants for dairy bull subfertility. <i>Animal Genetics</i> , 2021, 52, 509-513.	0.6	9
708	Effect of TNF $\alpha$ stimulation on expression of kidney risk inflammatory proteins in human umbilical vein endothelial cells cultured in hyperglycemia. <i>Scientific Reports</i> , 2021, 11, 11133.	1.6	2
709	Inhibitors of A Disintegrin And Metalloproteinases-10 reduce Hodgkin lymphoma cell growth in 3D microenvironments and enhance brentuximab-vedotin effect. <i>Haematologica</i> , 2021, , .	1.7	9
710	Molecular switch in human diseases-disintegrin and metalloproteinases, ADAM17. <i>Aging</i> , 2021, 13, 16859-16872.	1.4	9
711	Proteo-Transcriptomic Analyses Reveal a Large Expansion of Metalloprotease-Like Proteins in Atypical Venom Vesicles of the Wasp <i>Meteorus pulchricornis</i> (Braconidae). <i>Toxins</i> , 2021, 13, 502.	1.5	5
712	ADAM 17 and Epithelial-to-Mesenchymal Transition: The Evolving Story and Its Link to Fibrosis and Cancer. <i>Journal of Clinical Medicine</i> , 2021, 10, 3373.	1.0	13
713	Peptide-Based Inhibitors of ADAM and ADAMTS Metalloproteinases. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 703715.	1.6	15
714	Proteases Regulate Cancer Stem Cell Properties and Remodel Their Microenvironment. <i>Journal of Histochemistry and Cytochemistry</i> , 2021, 69, 775-794.	1.3	6
715	Tracing colonic embryonic transcriptional profiles and their reactivation upon intestinal damage. <i>Cell Reports</i> , 2021, 36, 109484.	2.9	18
716	Trans-synaptic LGI1 $\alpha$ -ADAM22 $\alpha$ -MAGUK in AMPA and NMDA receptor regulation. <i>Neuropharmacology</i> , 2021, 194, 108628.	2.0	20
717	Zinc enzymes in medicinal chemistry. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113877.	2.6	17
718	<i>Adam21</i> is dispensable for reproductive processes in mice. <i>PeerJ</i> , 2021, 9, e12210.	0.9	4
719	Therapeutic targets in lung tissue remodelling and fibrosis. , 2021, 225, 107839.		98
720	Disruption of the endopeptidase ADAM10-Notch signaling axis leads to skin dysbiosis and innate lymphoid cell-mediated hair follicle destruction. <i>Immunity</i> , 2021, 54, 2321-2337.e10.	6.6	35
721	The Absence of Myelin Basic Protein Reduces Non-Amyloidogenic Processing of Amyloid Precursor Protein. <i>Current Alzheimer Research</i> , 2021, 18, 326-334.	0.7	3
722	A transcriptome-wide association study identifies novel candidate susceptibility genes for prostate cancer risk. <i>International Journal of Cancer</i> , 2022, 150, 80-90.	2.3	9
723	Comprehensive analysis of ceRNA networks in HPV16- and HPV18-mediated cervical cancers reveals XIST as a pivotal competing endogenous RNA. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166172.	1.8	9

#	ARTICLE	IF	CITATIONS
724	Platelet Membrane Receptor Proteolysis: Implications for Platelet Function. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 608391.	1.1	16
725	CADASIL from Bench to Bedside: Disease Models and Novel Therapeutic Approaches. <i>Molecular Neurobiology</i> , 2021, 58, 2558-2573.	1.9	25
726	Homing Peptides for Cancer Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1295, 29-48.	0.8	21
727	Aberrant Methylation of Tumour Suppressor Gene ADAM12 in Chronic Lymphocytic Leukemia Patients: Application of Methylation Specific-PCR Technique. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 85-91.	0.5	2
728	Tetraspanins and Cancer Metastasis. , 2010, , 555-598.		1
730	The APP Proteolytic System and Its Interactions with Dynamic Networks in Alzheimer's Disease. <i>Methods in Molecular Biology</i> , 2016, 1303, 71-99.	0.4	7
731	Proteases in Melanoma. , 2011, , 165-179.		1
732	Proteases in Cancer: Significance for Invasion and Metastasis. , 2013, , 491-550.		10
734	ADAM Proteases in Physiology and Pathophysiology: Cleave to Function in Health or to Cause Disease. , 2013, , 303-318.		3
735	Structural Aspects of the Factor X Activator RVV-X from Russell's Viper Venom. , 2010, , 465-484.		6
736	Proteases in Wound Healing and Immunity. , 2017, , 147-170.		5
737	Matrix Metalloproteinases (MMPs) in Cancer Initiation and Progression. , 2017, , 207-236.		1
738	The $\beta$ -Secretase Protease Complexes in Neurodegeneration, Cancer and Immunity. , 2017, , 47-87.		2
739	Neurobiological Mechanisms Involved in the Pathogenesis of Alzheimer's Disease. , 2019, , 235-269.		2
740	Necroptosis, ADAM proteases and intestinal (dys)function. <i>International Review of Cell and Molecular Biology</i> , 2020, 353, 83-152.	1.6	5
741	Molecular insights into the multilayered regulation of ADAM17: The role of the extracellular region. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2088-2095.	1.9	62
742	Two novel thermally resistant endolysins encoded by pseudo T-even bacteriophages RB43 and RB49. <i>Journal of General Virology</i> , 2018, 99, 402-415.	1.3	9
744	Protease activity as a prognostic factor for wound healing in complex wounds. <i>Wound Repair and Regeneration</i> , 2020, 28, 631-644.	1.5	12

#	ARTICLE	IF	CITATIONS
745	Canine Uterine Bacterial Infection Induces Upregulation of Proteolysis-Related Genes and Downregulation of Homeobox and Zinc Finger Factors. <i>PLoS ONE</i> , 2009, 4, e8039.	1.1	48
746	ADAM2 Interactions with Mouse Eggs and Cell Lines Expressing $\hat{I}\pm 4/\hat{I}\pm 9$ (ITGA4/ITGA9) Integrins: Implications for Integrin-Based Adhesion and Fertilization. <i>PLoS ONE</i> , 2010, 5, e13744.	1.1	21
747	Determination of the Proteolytic Cleavage Sites of the Amyloid Precursor-Like Protein 2 by the Proteases ADAM10, BACE1 and $\hat{I}^3$ -Secretase. <i>PLoS ONE</i> , 2011, 6, e21337.	1.1	41
748	Force-Induced Unfolding Simulations of the Human Notch1 Negative Regulatory Region: Possible Roles of the Heterodimerization Domain in Mechanosensing. <i>PLoS ONE</i> , 2011, 6, e22837.	1.1	19
749	First Transcriptome of the Testis-Vas Deferens-Male Accessory Gland and Proteome of the Spermatophore from <i>Dermacentor variabilis</i> (Acari: Ixodidae). <i>PLoS ONE</i> , 2011, 6, e24711.	1.1	55
750	ADAM17 Mediates MMP9 Expression in Lung Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e51701.	1.1	18
751	Comparative Transcriptome Analysis of the Accessory Sex Gland and Testis from the Chinese Mitten Crab ( <i>Eriocheir sinensis</i> ). <i>PLoS ONE</i> , 2013, 8, e53915.	1.1	54
752	Transcriptome Analysis of Duck Liver and Identification of Differentially Expressed Transcripts in Response to Duck Hepatitis A Virus Genotype C Infection. <i>PLoS ONE</i> , 2013, 8, e71051.	1.1	22
753	The Coxsackievirus and Adenovirus Receptor (CAR) Undergoes Ectodomain Shedding and Regulated Intramembrane Proteolysis (RIP). <i>PLoS ONE</i> , 2013, 8, e73296.	1.1	27
754	Identification of SH3 Domain Proteins Interacting with the Cytoplasmic Tail of the A Disintegrin and Metalloprotease 10 (ADAM10). <i>PLoS ONE</i> , 2014, 9, e102899.	1.1	26
755	Increased B Cell ADAM10 in Allergic Patients and Th2 Prone Mice. <i>PLoS ONE</i> , 2015, 10, e0124331.	1.1	17
756	Evolution of Vertebrate Adam Genes; Duplication of Testicular Adams from Ancient Adam9/9-like Loci. <i>PLoS ONE</i> , 2015, 10, e0136281.	1.1	11
757	ADAM15 Is Functionally Associated with the Metastatic Progression of Human Bladder Cancer. <i>PLoS ONE</i> , 2016, 11, e0150138.	1.1	20
758	A Disintegrin and Metalloproteinase10 (ADAM10) Regulates NOTCH Signaling during Early Retinal Development. <i>PLoS ONE</i> , 2016, 11, e0156184.	1.1	15
759	Serological immune response against ADAM10 pro-domain is associated with favourable prognosis in stage III colorectal cancer patients. <i>Oncotarget</i> , 2016, 7, 80059-80076.	0.8	11
760	Analysis of mutations in primary and metastatic synovial sarcoma. <i>Oncotarget</i> , 2018, 9, 36878-36888.	0.8	12
761	REG4 promotes peritoneal metastasis of gastric cancer through GPR37. <i>Oncotarget</i> , 2016, 7, 27874-27888.	0.8	46
762	ADAM Metalloproteinases as Potential Drug Targets. <i>Current Medicinal Chemistry</i> , 2019, 26, 2661-2689.	1.2	20

#	ARTICLE	IF	CITATIONS
763	Age-related Macular Degeneration: Current Knowledge of Zinc Metalloproteinases Involvement. <i>Current Drug Targets</i> , 2019, 20, 903-918.	1.0	3
764	Transport Mechanisms at the Blood-Cerebrospinal-Fluid Barrier: Role of Megalin (LRP2). <i>Recent Patents on Endocrine, Metabolic &amp; Immune Drug Discovery</i> , 2010, 4, 190-205.	0.7	11
765	A Disintegrin and Metalloproteinaseâ€™Control Elements in Infectious Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 608281.	1.1	11
766	TMEFF2: A Transmembrane Proteoglycan with Multifaceted Actions in Cancer and Disease. <i>Cancers</i> , 2020, 12, 3862.	1.7	10
767	The Gut-Brain Axis in Autism Spectrum Disorder: A Focus on the Metalloproteases ADAM10 and ADAM17. <i>International Journal of Molecular Sciences</i> , 2021, 22, 118.	1.8	16
768	The Protective Role of <i>Coffea arabica</i> L. and <i>Crocus sativus</i> L. Against the Neurotoxicity Induced by Chronic Administration of Aluminium Chloride. <i>Journal of Pharmacology and Toxicology</i> , 2011, 6, 647-663.	0.4	6
769	Recent Understanding of the Molecular Mechanisms of Alzheimer?s Disease. <i>Journal of Addiction Research &amp; Therapy</i> , 0, s5, .	0.2	4
770	Cancer: Tumor Iron Metabolism, Mitochondrial Dysfunction and Tumor Immunosuppression; â€™A Tight Partnershipâ€™Was Warburg Correct?â€™. <i>Journal of Cancer Therapy</i> , 2012, 03, 278-311.	0.1	21
771	Salivary biomarkers in oral squamous cell carcinoma. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2020, 46, 301-312.	0.3	13
772	An Alternate View of Neuroprotection with Peptides in Alzheimerâ€™s Disease. , 0, , .		1
773	ADAM17-dependent signaling is required for oncogenic human papillomavirus entry platform assembly. <i>ELife</i> , 2019, 8, .	2.8	25
774	CB1R regulates soluble leptin receptor levels via CHOP, contributing to hepatic leptin resistance. <i>ELife</i> , 2020, 9, .	2.8	14
775	Suppression of ADAM8 attenuates angiotensin II-induced cardiac fibrosis and endothelial-mesenchymal transition via inhibiting TGF-Î²1/Smad2/Smad3 pathways. <i>Experimental Animals</i> , 2022, 71, 90-99.	0.7	7
776	Ectodomain shedding by ADAM proteases as a central regulator in kidney physiology and disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119165.	1.9	6
777	Oryzapsins, the orthologs of yeast yapsin in <i>Aspergillus oryzae</i> , affect ergosterol synthesis. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 8481-8494.	1.7	0
778	ADAMs family in kidney physiology and pathology. <i>EBioMedicine</i> , 2021, 72, 103628.	2.7	4
779	Crystal structures of snake venom metalloproteinases and the molecular mechanism of factor X activation by Russell's viper venom. <i>Japanese Journal of Thrombosis and Hemostasis</i> , 2009, 20, 307-314.	0.1	0
780	Weight Loss and Adhesion Molecules. , 2010, , 217-226.		0

#	ARTICLE	IF	CITATIONS
781	VAPB Aggregates and Neurodegeneration. , 2011, , 215-231.		0
782	The Epidermal Growth Factor Receptor in Normal and Neoplastic Epithelia. , 2011, , 113-129.		0
783	Tissue Inhibitor of Metalloproteinase-3 Ameliorates Total Sublethal Hepatic Ischemia/Reperfusion Injury in a Rat Model. Journal of Transplantation Technologies & Research, 2012, s3, .	0.1	0
784	Identification and characterization of ADAM41, a novel ADAM metalloproteinase in Xenopus. International Journal of Developmental Biology, 2012, 56, 333-339.	0.3	0
788	The ADAMs: New Therapeutic Targets for Cancer?. , 2013, , 273-287.		0
789	The Role of Metals in Alzheimer's Disease. 2-Oxoglutarate-Dependent Oxygenases, 2013, , 80-97.	0.8	3
790	Proteases in the Nervous System. , 2013, , 319-371.		4
791	Immunotherapeutic Approaches Against Amyloid- $\beta$ in Drug Discovery for Alzheimer's Disease. , 2015, , 395-415.		0
792	Endothelial Cell Toxicity of Vascular Apoptosis-Inducing Proteins from Hemorrhagic Snake Venom. , 2016, , 1-15.		0
794	Mechanisms of Invasion and Metastasis: Tissue Invasion. , 2016, , 1-24.		0
795	Mechanisms of Invasion and Metastasis: Tissue Invasion. , 2017, , 3351-3374.		0
796	Tissue Inhibitor of Metalloproteinase. , 2017, , 1-9.		1
797	Peking University - Juntendo University Joint Symposium on Cancer Research and Treatment. Juntendo Medical Journal, 2017, 63, 322-325.	0.1	0
798	Proteases in Melanoma. , 2017, , 209-226.		1
799	Unfolding the Mechanism of Proteases in Pathophysiology of Gastrointestinal Diseases. , 2017, , 583-603.		0
800	Endothelial Cell Toxicity of Vascular Apoptosis-Inducing Proteins from Hemorrhagic Snake Venom. , 2017, , 145-159.		0
801	The Importance of Sperm Surface Markers in Reproductive Success: Sperm Hyaluronan Binding. , 2017, , 183-192.		0
802	Tissue Inhibitor of Metalloproteinase. , 2018, , 5457-5465.		0

#	ARTICLE	IF	CITATIONS
804	Research Progress of ADAM9 in the Biology of Solid Tumors. <i>Advances in Clinical Medicine</i> , 2020, 10, 2270-2280.	0.0	0
805	C-tag TNF: a reporter system to study TNF shedding. <i>Journal of Biological Chemistry</i> , 2020, 295, 18065-18075.	1.6	7
806	ADAM10 promotes the proliferation of ligamentum flavum cells by activating the PI3K/AKT pathway. <i>International Journal of Molecular Medicine</i> , 2020, 47, 688-698.	1.8	7
807	&lt;p&gt;Relationship Between Proteinase with a&ADisintegrin and a&AMetalloproteinase&ADomain-9 (ADAM9), Inflammation,&AAirway Remodeling, and Emphysema in COPD Patients&lt;/p&gt;. <i>International Journal of COPD</i> , 2020, Volume 15, 3335-3346.	0.9	3
808	Proteolytic signaling in cutaneous wound healing. , 2022, , 131-164.		2
809	Expression of ADAM29 and FAM135B in the pathological evolution from normal esophageal epithelium to esophageal cancer: Their differences and clinical significance. <i>Oncology Letters</i> , 2020, 19, 1727-1734.	0.8	3
810	Detecting Changes to the Extracellular Matrix in Liver Diseases. <i>Biology of Extracellular Matrix</i> , 2020, , 43-68.	0.3	0
812	Candidate genes of SARS-CoV-2 gender susceptibility. <i>Scientific Reports</i> , 2021, 11, 21968.	1.6	14
814	Molecular determinants of lung cancer metastasis to the central nervous system. <i>Translational Lung Cancer Research</i> , 2013, 2, 273-83.	1.3	15
815	ADAM and ADAMTS gene expression in native and wound healing human lens epithelial cells. <i>Molecular Vision</i> , 2010, 16, 2765-76.	1.1	11
817	Tumor Necrosis Factor-Î±: Life and Death of Hepatocytes During Liver Ischemia/Reperfusion Injury. <i>Ochsner Journal</i> , 2013, 13, 119-30.	0.5	54
820	Some Biochemical Markers in Patients with Alzheimer's Disease. <i>Iranian Journal of Public Health</i> , 2016, 45, 1355-1358.	0.3	0
821	Activation of the CXCL16/CXCR6 pathway promotes lipid deposition in fatty livers of apolipoprotein E knockout mice and HepG2 cells. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 1802-1816.	0.0	6
822	Resveratrol-mediated ADAM9 degradation decreases cancer progression and provides synergistic effects in combination with chemotherapy. <i>American Journal of Cancer Research</i> , 2020, 10, 3828-3837.	1.4	2
823	Plasma ADAM-10 levels and functional outcome of acute primary basal ganglia hemorrhage. <i>Clinica Chimica Acta</i> , 2022, 524, 18-24.	0.5	3
824	The extracellular matrix of hematopoietic stem cell niches. <i>Advanced Drug Delivery Reviews</i> , 2022, 181, 114069.	6.6	26
825	Microglial PD&A1 stimulation by astrocytic PD&A1 suppresses neuroinflammation and Alzheimer&A™s disease pathology. <i>EMBO Journal</i> , 2021, 40, e108662.	3.5	41
826	The Role of Notch Signaling in Genetic Reticular Pigmentary Disorders. <i>International Journal of Dermatology and Venereology</i> , 2021, Publish Ahead of Print, .	0.1	0

#	ARTICLE	IF	CITATIONS
828	Ars moriendi: Proteases as sculptors of cellular suicide. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119191.	1.9	1
829	The Biochemistry and Physiology of A Disintegrin and Metalloproteinases (ADAMs and ADAM-TSs) in Human Pathologies. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2021, , .	0.9	3
830	Cancer extracellular vesicles, tumoroid models, and tumor microenvironment. <i>Seminars in Cancer Biology</i> , 2022, 86, 112-126.	4.3	18
831	ADAM and ADAMTS disintegrin and metalloproteinases as major factors and molecular targets in vascular malfunction and disease. <i>Advances in Pharmacology</i> , 2022, , 255-363.	1.2	4
832	ADAM17 inhibition effects on Mer shedding. <i>Minerva Biotechnology and Biomolecular Research</i> , 2022, 33, .	0.3	0
833	In Silico and Experimental ADAM17 Kinetic Modeling as Basis for Future Screening System for Modulators. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1368.	1.8	4
834	Cancer-associated fibroblasts at the unfavorable desmoplastic stroma promote colorectal cancer aggressiveness: Potential role of <sc>ADAM9</sc>. <i>International Journal of Cancer</i> , 2022, 150, 1706-1721.	2.3	7
835	Revisiting APP secretases: an overview on the holistic effects of retinoic acid receptor stimulation in APP processing. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 101.	2.4	7
836	shRNAs targeting mouse<i>Adam10</i> diminish cell response to proinflammatory stimuli independently of<i>Adam10</i> silencing. <i>Biology Open</i> , 2022, 11, .	0.6	1
837	Relationship between Dynamics of TNF- $\hat{\pm}$ and Its Soluble Receptors in Saliva and Periodontal Health State. <i>Dentistry Journal</i> , 2022, 10, 25.	0.9	6
838	Tissue Inhibitor of Metalloproteinases 3 (TIMP-3): In Vivo Analysis Underpins Its Role as a Master Regulator of Ectodomain Shedding. <i>Membranes</i> , 2022, 12, 211.	1.4	3
839	DNA Methylation Markers and Prediction Model for Depression and Their Contribution for Breast Cancer Risk. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 845212.	1.4	0
840	Notch signaling pathway: architecture, disease, and therapeutics. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 95.	7.1	229
841	The metalloprotease ADM-4/ADAM17 promotes axonal repair. <i>Science Advances</i> , 2022, 8, eabm2882.	4.7	2
842	Downregulation of ADAM17 in pediatric immune thrombocytopenia impairs proplatelet formation. <i>BMC Pediatrics</i> , 2022, 22, 164.	0.7	2
843	ADAM19 and TUBB1 correlates with tumor infiltrating immune cells and predicts prognosis in osteosarcoma. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2022, 25, .	0.6	1
844	Redefining the Role of ADAM17 in Renal Proximal Tubular Cells and Its Implications in an Obese Mouse Model of Pre-Diabetes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13093.	1.8	4
845	Expression of Immune Checkpoints in Malignant Tumors: Therapy Targets and Biomarkers for the Gastric Cancer Prognosis. <i>Diagnostics</i> , 2021, 11, 2370.	1.3	6

#	ARTICLE	IF	CITATIONS
846	The LGI1 protein: molecular structure, physiological functions and disruption-related seizures. Cellular and Molecular Life Sciences, 2022, 79, 16.	2.4	6
847	hOA-DN30: a highly effective humanized single-arm MET antibody inducing remission of "MET-addicted" cancers. Journal of Experimental and Clinical Cancer Research, 2022, 41, 112.	3.5	5
848	Neuronal Cell Adhesion Molecules May Mediate Neuroinflammation in Autism Spectrum Disorder. Frontiers in Psychiatry, 2022, 13, 842755.	1.3	11
849	Fibroblast-Secreted Phosphoprotein 1 Mediates Extracellular Matrix Deposition and Inhibits Smooth Muscle Cell Contractility in Marfan Syndrome Aortic Aneurysm. Journal of Cardiovascular Translational Research, 2022, 15, 959-970.	1.1	5
850	Adamalysins in COVID-19 " Potential mechanisms behind exacerbating the disease. Biomedicine and Pharmacotherapy, 2022, 150, 112970.	2.5	6
851	The role of extracellular matrix on unfavorable maternal" fetal interface: focusing on the function of collagen in human fertility. Journal of Leather Science and Engineering, 2022, 4, .	2.7	4
862	Assessment of ADAM17 and ADAM10 proteins with CXCL10 and thyroid autoimmunity in vitiligo pathogenesis. Postepy Dermatologii i Alergologii, 2022, 39, 397-400.	0.4	1
863	The roles of ADAMDEC1 in trophoblast differentiation during normal pregnancy and preeclampsia. Molecular Human Reproduction, 2022, 28, .	1.3	2
864	A Disintegrin and Metalloproteinase (ADAM) Family" Novel Biomarkers of Selected Gastrointestinal (GI) Malignancies?. Cancers, 2022, 14, 2307.	1.7	7
865	Tuning of 2D cultured human fibroblast behavior using lumichrome photocrosslinked collagen hydrogels. Materials Today Communications, 2022, 31, 103635.	0.9	6
866	Reducing PDK1/Akt Activity: An Effective Therapeutic Target in the Treatment of Alzheimer" s Disease. Cells, 2022, 11, 1735.	1.8	9
867	Immune Cell Plasticity in Inflammation: Insights into Description and Regulation of Immune Cell Phenotypes. Cells, 2022, 11, 1824.	1.8	11
868	Effect of type 2 diabetes on A disintegrin and metalloprotease 10. Journal of Diabetes, 2022, 14, 394-400.	0.8	2
869	Role of ADAM10 and ADAM17 in the Regulation of Keratinocyte Adhesion in Pemphigus Vulgaris. Frontiers in Immunology, 0, 13, .	2.2	3
870	Detection of ADAM15 in urine from patients with bladder cancer. Analytical Biochemistry, 2022, 654, 114805.	1.1	1
871	Wilms Tumor 1-Associated Protein Expression Is Linked to a T-Cell-Inflamed Phenotype in Pancreatic Cancer. Digestive Diseases and Sciences, 2023, 68, 831-840.	1.1	1
872	Matrix Metalloproteinase 2 as a Pharmacological Target in Heart Failure. Pharmaceuticals, 2022, 15, 920.	1.7	20
873	Matrix Metalloproteinase-14 as an Instigator of Fibrosis in Human Pterygium and Its Pharmacological Intervention. ACS Pharmacology and Translational Science, 2022, 5, 555-561.	2.5	1



#	ARTICLE	IF	CITATIONS
874	Oral squamous cell carcinoma (OSCC) tumors from heavy alcohol consumers are associated with higher levels of TLR9 and a particular immunophenotype: Impact on patient survival. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
875	Identification of the extracellular metallo-endopeptidases ADAM and ADAMTS in the yellow fever mosquito <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2022, 148, 103815.	1.2	1
876	Metalloproteinases in dermal homeostasis. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C1290-C1303.	2.1	3
877	Expression of ADAM12 in Gastric Cancer and its Relation to Tumor Cell Behavior and Prognosis. <i>In Vivo</i> , 2022, 36, 2194-2204.	0.6	5
878	Tetraspanin 8 Subfamily Members Regulate Substrate-Specificity of a Disintegrin and Metalloprotease 17. <i>Cells</i> , 2022, 11, 2683.	1.8	4
880	Initial detachment of the mouse oocyte from the zona pellucida is mediated by metallopeptidase activity. <i>Biology of Reproduction</i> , 0, , .	1.2	1
881	Therapeutic Potential of Targeting Regulated Intramembrane Proteolysis Mechanisms of Voltage-Gated Ion Channel Subunits and Cell Adhesion Molecules. <i>Pharmacological Reviews</i> , 2022, 74, 1030-1050.	7.1	1
882	Role of ADAM and ADAMTS disintegrin and metalloproteinases in normal pregnancy and preeclampsia. <i>Biochemical Pharmacology</i> , 2022, 206, 115266.	2.0	6
883	Metallophores: How do human pathogens withdraw metal ions from the colonized host. , 2023, , 553-574.		2
884	Participation of OCRL1, and APPL1, in the expression, proteolysis, phosphorylation and endosomal trafficking of megalin: Implications for Lowe Syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	0
885	Plant Molecular Pharming and Plant-Derived Compounds towards Generation of Vaccines and Therapeutics against Coronaviruses. <i>Vaccines</i> , 2022, 10, 1805.	2.1	3
886	ADAM10 and ADAM17 as Novel Players in Retinoblastoma Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12621.	1.8	0
887	Interdisciplinary Approaches to Deal with Alzheimer's Disease: From Bench to Bedside: What Feasible Options Do Already Exist Today?. <i>Biomedicines</i> , 2022, 10, 2922.	1.4	1
888	Quality improvement of the thermal gel of horse mackerel by sodium citrate and its inhibition of the insoluble metalloproteinase. <i>Fisheries Science</i> , 0, , .	0.7	1
889	A Disintegrin and Metalloproteinase 10 (ADAM10) Is Essential for Oligodendrocyte Precursor Development and Myelination in the Mouse Brain. <i>Molecular Neurobiology</i> , 0, , .	1.9	0
890	Immunomodulatory role of metalloproteases in cancers: Current progress and future trends. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
891	Tace/ADAM17 is a bi-directional regulator of axon guidance that coordinates distinct Frazzled and Dcc receptor signaling outputs. <i>Cell Reports</i> , 2022, 41, 111785.	2.9	1
892	A novel combination treatment of antiADAM17 antibody and erlotinib to overcome acquired drug resistance in non-small cell lung cancer through the FOXO3a/FOXO1 axis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	4

#	ARTICLE	IF	CITATIONS
893	Role of metalloproteases in the CD95 signaling pathways. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
894	SpPdp11 Administration in Diet Modified the Transcriptomic Response and Its Microbiota Associated in Mechanically Induced Wound <i>Sparus aurata</i> Skin. <i>Animals</i> , 2023, 13, 193.	1.0	0
895	A Bioengineering Strategy to Control ADAM10 Activity in Living Cells. <i>International Journal of Molecular Sciences</i> , 2023, 24, 917.	1.8	1
896	Dysregulation of metalloproteinases in spinal ligament degeneration. <i>Connective Tissue Research</i> , 2023, 64, 310-322.	1.1	0
897	Targeting NKG2D/NKG2D ligand axis for cancer immunotherapy. , 2023, , 83-95.		0
898	The regulation and function of acetylated high-mobility group box 1 during implantation and decidualization. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
899	Periostin derived from cancer-associated fibroblasts promotes esophageal squamous cell carcinoma progression via ADAM17 activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2023, 1869, 166669.	1.8	3
900	MMPs, ADAMs and ADAMTSs are associated with mammalian sperm fate. <i>Theriogenology</i> , 2023, 200, 147-154.	0.9	2
902	LGI3/2â€™ADAM23 interactions cluster Kv1 channels in myelinated axons to regulate refractory period. <i>Journal of Cell Biology</i> , 2023, 222, .	2.3	3
903	A disintegrin and metalloprotease 12 contributes to colorectal cancer metastasis by regulating epithelialâ€™mesenchymal transition. <i>International Journal of Oncology</i> , 2023, 62, .	1.4	1
904	Clis1 and oxaloacetate in nucleus pulposus stromal cell somatic reprogramming and survival. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	3
906	Tumour microenvironment in pheochromocytoma and paraganglioma. <i>Frontiers in Endocrinology</i> , 0, 14, .	1.5	5
907	Potential impact of <i>ADAMâ€™10</i> genetic variants with the clinical features of oral squamous cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2023, 27, 1144-1152.	1.6	2
908	Role of ADAM33 short isoform as a tumor suppressor in the pathogenesis of thyroid cancer via oncogenic function disruption of full-length ADAM33. <i>Human Cell</i> , 0, , .	1.2	0
909	ADAM10 and ADAM17, Major Regulators of Chronic Kidney Disease Induced Atherosclerosis?. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7309.	1.8	1
920	Neuronal Activity in Brain Tumor Pathogenesis: Adding to the Complexities of Central Nervous System Neoplasia. , 2023, , 3-25.		0
925	Approaches to Avoid Proteolysis During Protein Expression and Purification. <i>Methods in Molecular Biology</i> , 2023, , 77-95.	0.4	0
938	Advancing Treatment in Bullous Pemphigoid: A Comprehensive Review of Novel Therapeutic Targets and Approaches. <i>Clinical Reviews in Allergy and Immunology</i> , 2023, 65, 331-353.	2.9	0

#	ARTICLE	IF	CITATIONS
939	Chromosome 5. , 2023, , 90-158.		0
942	Role of ADAM and ADAMTS proteases in pathological tissue remodeling. Cell Death Discovery, 2023, 9, .	2.0	1
949	Identification of TIMPs signatures in Randall plaque from single-cell RNA sequencing (scRNA-Seq) analysis. Functional and Integrative Genomics, 2024, 24, .	1.4	1