

Dylan R. Edwards

List of Publications by Year in Descending Order

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

197
papers

18,538
citations

75
h-index

133
g-index

201
ext. papers

19,903
ext. citations

6.7
avg, IF

6.37
L-index

#	Paper	IF	Citations
197	Conformation-Specific Inhibitory Anti-MMP-7 Monoclonal Antibody Sensitizes Pancreatic Ductal Adenocarcinoma Cells to Chemotherapeutic Cell Kill. <i>Cancers</i> , 2021 , 13,	6.6	1
196	ADAMTS-1 and syndecan-4 intersect in the regulation of cell migration and angiogenesis. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	20
195	A novel stratification framework for predicting outcome in patients with prostate cancer. <i>British Journal of Cancer</i> , 2020 , 122, 1467-1476	8.7	3
194	Analysis of ADAMTS Effects on Cell Adhesion and Migration. <i>Methods in Molecular Biology</i> , 2020 , 2043, 179-193	1.4	1
193	ADAM15 mediates upregulation of Claudin-1 expression in breast cancer cells. <i>Scientific Reports</i> , 2019 , 9, 12540	4.9	9
192	HIF1 α drives chemokine factor pro-tumoral signaling pathways in acute myeloid leukemia. <i>Oncogene</i> , 2018 , 37, 2676-2686	9.2	12
191	DESNT: A Poor Prognosis Category of Human Prostate Cancer. <i>European Urology Focus</i> , 2018 , 4, 842-850	5.1	18
190	ADAMTS9, a member of the ADAMTS family, in <i>Xenopus</i> development. <i>Gene Expression Patterns</i> , 2018 , 29, 72-81	1.5	7
189	The β -integrin endothelial adhesome regulates microtubule-dependent cell migration. <i>EMBO Reports</i> , 2018 , 19,	6.5	9
188	PI3K δ and PI3K γ isoforms have distinct functions in regulating pro-tumoural signalling in the multiple myeloma microenvironment. <i>Blood Cancer Journal</i> , 2017 , 7, e539	7	14
187	Identification of novel peptide motifs in the serpin maspin that affect vascular smooth muscle cell function. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017 , 1864, 336-344	4.9	2
186	Leukemic blasts program bone marrow adipocytes to generate a protumoral microenvironment. <i>Blood</i> , 2017 , 129, 1320-1332	2.2	159
185	NADPH oxidase-2 derived superoxide drives mitochondrial transfer from bone marrow stromal cells to leukemic blasts. <i>Blood</i> , 2017 , 130, 1649-1660	2.2	155
184	Loss of MMP-8 in ductal carcinoma in situ (DCIS)-associated myoepithelial cells contributes to tumour promotion through altered adhesive and proteolytic function. <i>Breast Cancer Research</i> , 2017 , 19, 33	8.3	14
183	Proteases in cancer drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2016 , 97, 144-55	18.5	71
182	Bone Marrow Mesenchymal Stromal Cells Transfer Their Mitochondria to Acute Myeloid Leukaemia Blasts to Support Their Proliferation and Survival. <i>Blood</i> , 2016 , 128, 772-772	2.2	1
181	Systemic Ablation of MMP-9 Triggers Invasive Growth and Metastasis of Pancreatic Cancer via Dereglulation of IL6 Expression in the Bone Marrow. <i>Molecular Cancer Research</i> , 2016 , 14, 1147-1158	6.6	32

180	Suppression of β -integrin in mice triggers a neuropilin-1-dependent change in focal adhesion remodelling that can be targeted to block pathological angiogenesis. <i>DMM Disease Models and Mechanisms</i> , 2015 , 8, 1105-19	4.1	15
179	Pleiotropic functions of the tumor- and metastasis-suppressing matrix metalloproteinase-8 in mammary cancer in MMTV-PyMT transgenic mice. <i>Breast Cancer Research</i> , 2015 , 17, 38	8.3	25
178	Metalloproteinase-dependent and -independent processes contribute to inhibition of breast cancer cell migration, angiogenesis and liver metastasis by a disintegrin and metalloproteinase with thrombospondin motifs-15. <i>International Journal of Cancer</i> , 2015 , 136, E14-26	7.5	37
177	The ADAMTS (A Disintegrin and Metalloproteinase with Thrombospondin motifs) family. <i>Genome Biology</i> , 2015 , 16, 113	18.3	336
176	Altered microenvironment promotes progression of preinvasive breast cancer: myoepithelial expression of α 5 β integrin in DCIS identifies high-risk patients and predicts recurrence. <i>Clinical Cancer Research</i> , 2014 , 20, 344-57	12.9	61
175	Acute depletion of endothelial β -integrin transiently inhibits tumor growth and angiogenesis in mice. <i>Circulation Research</i> , 2014 , 114, 79-91	15.7	31
174	Critical research gaps and translational priorities for the successful prevention and treatment of breast cancer. <i>Breast Cancer Research</i> , 2013 , 15, R92	8.3	248
173	Matrix metalloproteinases: a dual role in breast cancer?. <i>Breast Cancer Management</i> , 2013 , 2, 353-356	0.7	1
172	Matrix metalloproteinase 8 (collagenase 2) induces the expression of interleukins 6 and 8 in breast cancer cells. <i>Journal of Biological Chemistry</i> , 2013 , 288, 16282-16294	5.4	40
171	Intradermal air pouch leukocytosis as an in vivo test for nanoparticles. <i>International Journal of Nanomedicine</i> , 2013 , 8, 4745-56	7.3	15
170	TGF- β -elicited induction of tissue inhibitor of metalloproteinases (TIMP)-3 expression in fibroblasts involves complex interplay between Smad3, p38 β and ERK1/2. <i>PLoS ONE</i> , 2013 , 8, e57474	3.7	35
169	Genome-Wide Responses of Female Fruit Flies Subjected to Divergent Mating Regimes. <i>PLoS ONE</i> , 2013 , 8, e68136	3.7	6
168	Insights into the Mechanism of Quantum Dot-Sensitized Singlet Oxygen Production for Photodynamic Therapy. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 9334-9342	3.8	55
167	mRNA profiling of the cancer degradome in oesophago-gastric adenocarcinoma. <i>British Journal of Cancer</i> , 2012 , 107, 143-9	8.7	15
166	MMP2 activity is critical for TGF β -induced matrix contraction—implications for fibrosis 2012 , 53, 4085-98		42
165	Tumor Fibroblast-Associated Metalloproteases 2011 , 175-193		
164	Targeted photodynamic therapy of breast cancer cells using antibody-phthalocyanine-gold nanoparticle conjugates. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 822-31	4.2	242
163	New insights into the plasticity of the endothelial phenotype. <i>Biochemical Society Transactions</i> , 2011 , 39, 1639-43	5.1	3

162	Evaluation of effects caused by differentially spliced Ets-1 transcripts in fibroblasts. <i>International Journal of Oncology</i> , 2011 , 39, 1073-82	4.4	
161	The roles of ADAMTS metalloproteinases in tumorigenesis and metastasis. <i>Frontiers in Bioscience - Landmark</i> , 2011 , 16, 1861-72	2.8	70
160	ERK5 signalling in prostate cancer promotes an invasive phenotype. <i>British Journal of Cancer</i> , 2011 , 104, 664-72	8.7	66
159	Matrix metalloproteinases: protective roles in cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 1254-65	5.6	127
158	MMP-1 drives immunopathology in human tuberculosis and transgenic mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1827-33	15.9	159
157	Expression profiles and clinical correlations of degradome components in the tumor microenvironment of head and neck squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2010 , 16, 2022-35	12.9	87
156	Development of a novel tumor-targeted vascular disrupting agent activated by membrane-type matrix metalloproteinases. <i>Cancer Research</i> , 2010 , 70, 6902-12	10.1	44
155	G-helix of maspin mediates effects on cell migration and adhesion. <i>Journal of Biological Chemistry</i> , 2010 , 285, 36285-92	5.4	31
154	Reversible transdifferentiation of blood vascular endothelial cells to a lymphatic-like phenotype in vitro. <i>Journal of Cell Science</i> , 2010 , 123, 3808-16	5.3	40
153	Mycobacterium tuberculosis upregulates microglial matrix metalloproteinase-1 and -3 expression and secretion via NF-kappaB- and Activator Protein-1-dependent monocyte networks. <i>Journal of Immunology</i> , 2010 , 184, 6492-503	5.3	60
152	Real-time PCR expression profiling of MMPs and TIMPs. <i>Methods in Molecular Biology</i> , 2010 , 622, 159-73	1.4	8
151	HDAC-mediated control of ERK- and PI3K-dependent TGF-β-induced extracellular matrix-regulating genes. <i>Matrix Biology</i> , 2010 , 29, 602-12	11.4	64
150	The activity of a designer tissue inhibitor of metalloproteinases (TIMP)-1 against native membrane type 1 matrix metalloproteinase (MT1-MMP) in a cell-based environment. <i>Cancer Letters</i> , 2010 , 290, 114-22	9.9	22
149	ADAMs and protein disulfide isomerase: the key to regulated cell-surface protein ectodomain shedding?. <i>Biochemical Journal</i> , 2010 , 428, e3-5	3.8	12
148	Avoiding spam in the proteolytic internet: future strategies for anti-metastatic MMP inhibition. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010 , 1803, 95-102	4.9	60
147	ADAM and ADAMTS gene expression in native and wound healing human lens epithelial cells. <i>Molecular Vision</i> , 2010 , 16, 2765-76	2.3	10
146	Reversible transdifferentiation of blood vascular endothelial cells to a lymphatic-like phenotype in vitro. <i>Development (Cambridge)</i> , 2010 , 137, e2208-e2208	6.6	
145	Src stimulates fibroblast growth factor receptor-2 shedding by an ADAM15 splice variant linked to breast cancer. <i>Cancer Research</i> , 2009 , 69, 4573-6	10.1	27

144	Cutting edge: the metalloproteinase ADAM17/TNF-alpha-converting enzyme regulates proteolytic shedding of the MHC class I-related chain B protein. <i>Journal of Immunology</i> , 2009 , 182, 49-53	5.3	109
143	TGF-[beta]1 limits plaque growth, stabilizes plaque structure, and prevents aortic dilation in apolipoprotein E-null mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1251-7	9.4	77
142	Tumour-associated tenascin-C isoforms promote breast cancer cell invasion and growth by matrix metalloproteinase-dependent and independent mechanisms. <i>Breast Cancer Research</i> , 2009 , 11, R24	8.3	91
141	Brk protects breast cancer cells from autophagic cell death induced by loss of anchorage. <i>American Journal of Pathology</i> , 2009 , 175, 1226-34	5.8	40
140	The role of acetylation in Timp-1 regulation. <i>International Journal of Experimental Pathology</i> , 2008 , 85, A18-A19	2.8	
139	Expression profiling of metalloproteinases and inhibitors in cartilage. <i>International Journal of Experimental Pathology</i> , 2008 , 85, A23-A23	2.8	
138	Variation in dermcidin expression in a range of primary human tumours and in hypoxic/oxidatively stressed human cell lines. <i>British Journal of Cancer</i> , 2008 , 99, 126-32	8.7	23
137	Laser-capture microdissection in prostate cancer research: establishment and validation of a powerful tool for the assessment of tumour-stroma interactions. <i>BJU International</i> , 2008 , 101, 765-74	5.6	19
136	The ADAM metalloproteinases. <i>Molecular Aspects of Medicine</i> , 2008 , 29, 258-89	16.7	810
135	Activation of p38 and JNK MAPK pathways abrogates requirement for new protein synthesis for phorbol ester mediated induction of select MMP and TIMP genes. <i>Matrix Biology</i> , 2008 , 27, 128-38	11.4	25
134	The regulation of matrix metalloproteinases and their inhibitors. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 1362-78	5.6	422
133	Distinct functions of natural ADAM-15 cytoplasmic domain variants in human mammary carcinoma. <i>Molecular Cancer Research</i> , 2008 , 6, 383-94	6.6	47
132	Distinct functionality of tumor cell-derived gelatinases during formation of liver metastases. <i>Molecular Cancer Research</i> , 2008 , 6, 341-51	6.6	21
131	Matrix metalloproteinase-8 functions as a metastasis suppressor through modulation of tumor cell adhesion and invasion. <i>Cancer Research</i> , 2008 , 68, 2755-63	10.1	144
130	Collagenase-2 deficiency or inhibition impairs experimental autoimmune encephalomyelitis in mice. <i>Journal of Biological Chemistry</i> , 2008 , 283, 9465-74	5.4	55
129	Matrix metalloproteinase 13 is induced in fibroblasts in polyomavirus middle T antigen-driven mammary carcinoma without influencing tumor progression. <i>PLoS ONE</i> , 2008 , 3, e2959	3.7	24
128	Metalloproteinases are enriched in microglia compared with leukocytes and they regulate cytokine levels in activated microglia. <i>Glia</i> , 2007 , 55, 516-26	9	70
127	Monocyte-astrocyte networks regulate matrix metalloproteinase gene expression and secretion in central nervous system tuberculosis in vitro and in vivo. <i>Journal of Immunology</i> , 2007 , 178, 1199-207	5.3	42

126	MMP and TIMP expression in quiescent, dividing, and differentiating human lens cells. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4192-9		20
125	Tissue inhibitor of metalloproteinases-1 promotes liver metastasis by induction of hepatocyte growth factor signaling. <i>Cancer Research</i> , 2007 , 67, 8615-23	10.1	118
124	Inhibition of invasion and induction of apoptosis by selenium in human malignant brain tumour cells in vitro 2007 , 30, 1263		5
123	Membrane type matrix metalloproteinases (MMPs) show differential expression in non-small cell lung cancer (NSCLC) compared to normal lung: correlation of MMP-14 mRNA expression and proteolytic activity. <i>European Journal of Cancer</i> , 2007 , 43, 1764-71	7.5	41
122	Expression profiling of metalloproteinases and tissue inhibitors of metalloproteinases in normal and degenerate human achilles tendon. <i>Arthritis and Rheumatism</i> , 2006 , 54, 832-42		224
121	ADAMTS8 and ADAMTS15 expression predicts survival in human breast carcinoma. <i>International Journal of Cancer</i> , 2006 , 118, 1241-7	7.5	66
120	Tenascin-C stimulates glioma cell invasion through matrix metalloproteinase-12. <i>Cancer Research</i> , 2006 , 66, 11771-80	10.1	115
119	Membrane-type 4 matrix metalloproteinase promotes breast cancer growth and metastases. <i>Cancer Research</i> , 2006 , 66, 5165-72	10.1	54
118	Tissue inhibitor of metalloproteinase-3 is up-regulated by transforming growth factor-beta1 in vitro and expressed in fibroblastic foci in vivo in idiopathic pulmonary fibrosis. <i>Experimental Lung Research</i> , 2006 , 32, 201-14	2.3	38
117	Research tissue banking in otolaryngology: organization, methods and uses, with reference to practical, ethical and legal issues. <i>Journal of Laryngology and Otology</i> , 2006 , 120, 433-8	1.8	3
116	Comprehensive profiling and localisation of the matrix metalloproteinases in urothelial carcinoma. <i>British Journal of Cancer</i> , 2006 , 94, 569-77	8.7	58
115	MicroRNAs and the hallmarks of cancer. <i>Oncogene</i> , 2006 , 25, 6170-5	9.2	291
114	Histone deacetylase inhibitors modulate metalloproteinase gene expression in chondrocytes and block cartilage resorption. <i>Arthritis Research</i> , 2005 , 7, R503-12		129
113	The ADAMTS metalloproteinases. <i>Biochemical Journal</i> , 2005 , 386, 15-27	3.8	603
112	Identification of degradome components associated with prostate cancer progression by expression analysis of human prostatic tissues. <i>British Journal of Cancer</i> , 2005 , 92, 2171-80	8.7	139
111	Differential effects of histone deacetylase inhibitors on phorbol ester- and TGF-beta1 induced murine tissue inhibitor of metalloproteinases-1 gene expression. <i>FEBS Journal</i> , 2005 , 272, 1912-26	5.7	26
110	Metalloproteinase inhibitor TIMP-1 affects hepatocyte cell cycle via HGF activation in murine liver regeneration. <i>Hepatology</i> , 2005 , 41, 857-67	11.2	118
109	Metalloproteinases and their inhibitors in tumor angiogenesis. <i>International Journal of Cancer</i> , 2005 , 115, 849-60	7.5	217

108	Cytokine stimulated vascular cell adhesion molecule-1 (VCAM-1) ectodomain release is regulated by TIMP-3. <i>Cardiovascular Research</i> , 2005 , 67, 39-49	9.9	82
107	Extracellular protease mRNAs are predominantly expressed in the stromal areas of microdissected mouse breast carcinomas. <i>Carcinogenesis</i> , 2005 , 26, 1233-40	4.6	36
106	Activation of key profibrotic mechanisms in transgenic fibroblasts expressing kinase-deficient type II Transforming growth factor- β receptor (T β RII Δ k). <i>Journal of Biological Chemistry</i> , 2005 , 280, 16053-65	5.4	52
105	Mycobacterium tuberculosis, but not vaccine BCG, specifically upregulates matrix metalloproteinase-1. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 1596-604	10.2	84
104	An elevated matrix metalloproteinase (MMP) in an animal model of multiple sclerosis is protective by affecting Th1/Th2 polarization. <i>FASEB Journal</i> , 2005 , 19, 1668-70	0.9	110
103	Combination of tumor necrosis factor-alpha ablation and matrix metalloproteinase inhibition prevents heart failure after pressure overload in tissue inhibitor of metalloproteinase-3 knock-out mice. <i>Circulation Research</i> , 2005 , 97, 380-90	15.7	141
102	Key metalloproteinases are expressed by specific cell types in experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2004 , 173, 5209-18	5.3	122
101	Dysregulated expression of adamalysin-thrombospondin genes in human breast carcinoma. <i>Clinical Cancer Research</i> , 2004 , 10, 2429-40	12.9	243
100	TIMP-3 and endocrine therapy of breast cancer: an apoptosis connection emerges. <i>Journal of Pathology</i> , 2004 , 202, 391-4	9.4	17
99	Expression profiling of metalloproteinases and their inhibitors in cartilage. <i>Arthritis and Rheumatism</i> , 2004 , 50, 131-41		325
98	Expression of metalloproteinases and inhibitors in the differentiation of P19CL6 cells into cardiac myocytes. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 322, 759-65	3.4	34
97	Expression analysis of the entire MMP and TIMP gene families during mouse tissue development. <i>FEBS Letters</i> , 2004 , 563, 129-34	3.8	131
96	Diverse and potent activities of HGF/SF in skin wound repair. <i>Journal of Pathology</i> , 2004 , 203, 831-8	9.4	104
95	Metalloproteinases and their inhibitors in angiogenesis. <i>Expert Reviews in Molecular Medicine</i> , 2003 , 5, 1-39	6.7	79
94	Analyses of all matrix metalloproteinase members in leukocytes emphasize monocytes as major inflammatory mediators in multiple sclerosis. <i>Brain</i> , 2003 , 126, 2738-49	11.2	254
93	Sequence motifs of tissue inhibitor of metalloproteinases 2 (TIMP-2) determining progelatinase A (proMMP-2) binding and activation by membrane-type metalloproteinase 1 (MT1-MMP). <i>Biochemical Journal</i> , 2003 , 372, 799-809	3.8	47
92	An adverse role for matrix metalloproteinase 12 after spinal cord injury in mice. <i>Journal of Neuroscience</i> , 2003 , 23, 10107-15	6.6	166
91	Extracellular matrix and matrix metalloproteinases in sciatic nerve. <i>Journal of Neuroscience Research</i> , 2003 , 74, 417-29	4.4	57

90	Expression profile of matrix metalloproteinases (MMPs) and tissue inhibitors of MMPs in mature human odontoblasts and pulp tissue. <i>European Journal of Oral Sciences</i> , 2003 , 111, 117-27	2.3	125
89	Banking of fresh-frozen prostate tissue: methods, validation and use. <i>BJU International</i> , 2003 , 91, 315-23; discussion 323-4	5.6	33
88	TIMP-1 enhancer sequence--real or bacterial?. <i>British Journal of Cancer</i> , 2003 , 89, 1812; author reply 1812-3	2.3	3
87	Insulin-like growth factor-II regulates PTEN expression in the mammary gland. <i>Journal of Biological Chemistry</i> , 2003 , 278, 50422-7	5.4	51
86	Increase of anti-metastatic efficacy by selectivity- but not affinity-optimization of synthetic serine protease inhibitors. <i>Biological Chemistry</i> , 2003 , 384, 1515-25	4.5	6
85	The comparative role of activator protein 1 and Smad factors in the regulation of Timp-1 and MMP-1 gene expression by transforming growth factor-beta 1. <i>Journal of Biological Chemistry</i> , 2003 , 278, 10304-13	5.4	182
84	Determinants of human B cell migration across brain endothelial cells. <i>Journal of Immunology</i> , 2003 , 170, 4497-505	5.3	155
83	Metalloproteinase expression in PMA-stimulated THP-1 cells. Effects of peroxisome proliferator-activated receptor-gamma (PPAR gamma) agonists and 9-cis-retinoic acid. <i>Journal of Biological Chemistry</i> , 2003 , 278, 51340-6	5.4	73
82	Elevated membrane-type matrix metalloproteinases in gliomas revealed by profiling proteases and inhibitors in human cancer cells. <i>Molecular Cancer Research</i> , 2003 , 1, 333-45	6.6	123
81	Proteases and Their Inhibitors in Gliomas 2002 , 241-268		2
80	Epithelial carcinogenesis: dynamic interplay between neoplastic cells and their microenvironment. <i>Differentiation</i> , 2002 , 70, 610-23	3.5	68
79	The modulation of matrix metalloproteinase and ADAM gene expression in human chondrocytes by interleukin-1 and oncostatin M: a time-course study using real-time quantitative reverse transcription-polymerase chain reaction. <i>Arthritis and Rheumatism</i> , 2002 , 46, 961-7		172
78	Quantitative reverse transcription-polymerase chain reaction (RT-PCR): a comparison of primer-dropping, competitive, and real-time RT-PCRs. <i>Analytical Biochemistry</i> , 2002 , 300, 269-73	3.1	51
77	Matrix metalloproteinases mediate the dismantling of mesenchymal structures in the tadpole tail during thyroid hormone-induced tail resorption. <i>Developmental Dynamics</i> , 2002 , 223, 402-13	2.9	43
76	The role of chondrocyte senescence in osteoarthritis. <i>Aging Cell</i> , 2002 , 1, 57-65	9.9	289
75	Differential expression of matrix metalloproteinases during impaired wound healing of the diabetes mouse. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 91-8	4.3	68
74	Identification, regulation and role of tissue inhibitor of metalloproteinases-4 (TIMP-4) in human platelets. <i>British Journal of Pharmacology</i> , 2002 , 137, 1330-8	8.6	64
73	Expression of Sorsby's fundus dystrophy mutations in human retinal pigment epithelial cells reduces matrix metalloproteinase inhibition and may promote angiogenesis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 13394-400	5.4	41

72	Phosphorylation-dependent interactions between ADAM15 cytoplasmic domain and Src family protein-tyrosine kinases. <i>Journal of Biological Chemistry</i> , 2002 , 277, 4999-5007	5.4	94
71	Identification of an initiator-like element essential for the expression of the tissue inhibitor of metalloproteinases-4 (Timp-4) gene. <i>Biochemical Journal</i> , 2002 , 364, 89-99	3.8	57
70	Metalloproteinase inhibitors: biological actions and therapeutic opportunities. <i>Journal of Cell Science</i> , 2002 , 115, 3719-27	5.3	900
69	Sorsby's fundus dystrophy tissue inhibitor of metalloproteinases-3 (TIMP-3) mutants have unimpaired matrix metalloproteinase inhibitory activities, but affect cell adhesion to the extracellular matrix. <i>Matrix Biology</i> , 2002 , 21, 75-88	11.4	41
68	Endothelial tubulogenesis within fibrin gels specifically requires the activity of membrane-type-matrix metalloproteinases (MT-MMPs). <i>Journal of Cell Science</i> , 2002 , 115, 3427-3438	5.3	177
67	Endothelial tubulogenesis within fibrin gels specifically requires the activity of membrane-type-matrix metalloproteinases (MT-MMPs). <i>Journal of Cell Science</i> , 2002 , 115, 3427-38	5.3	154
66	Increase in gelatinase-specificity of matrix metalloproteinase inhibitors correlates with antimetastatic efficacy in a T-cell lymphoma model. <i>Cancer Research</i> , 2002 , 62, 5543-50	10.1	55
65	Activation of pro-(matrix metalloproteinase-2) (pro-MMP-2) by thrombin is membrane-type-MMP-dependent in human umbilical vein endothelial cells and generates a distinct 63 kDa active species. <i>Biochemical Journal</i> , 2001 , 357, 107-15	3.8	56
64	Differential expression of the ccn3 (nov) proto-oncogene in human prostate cell lines and tissues. <i>Journal of Clinical Pathology</i> , 2001 , 54, 275-80		58
63	Differential expression and localization of TIMP-1 and TIMP-4 in human gliomas. <i>British Journal of Cancer</i> , 2001 , 85, 55-63	8.7	66
62	Metalloproteinases in biology and pathology of the nervous system. <i>Nature Reviews Neuroscience</i> , 2001 , 2, 502-11	13.5	845
61	Matrix metalloproteinase-9 and tissue inhibitor of metalloproteinase-3 are key regulators of extracellular matrix degradation by mouse embryos. <i>Biology of Reproduction</i> , 2001 , 64, 1331-7	3.9	54
60	Expression of MMPs and TIMPs in mammalian cells. <i>Methods in Molecular Biology</i> , 2001 , 151, 181-9	1.4	3
59	Monitoring MMP and TIMP mRNA expression by RT-PCR. <i>Methods in Molecular Biology</i> , 2001 , 151, 305-20	1.4	11
58	Perivascular cells regulate endothelial membrane type-1 matrix metalloproteinase activity. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 282, 463-73	3.4	43
57	TIMP-1 deficiency does not attenuate interstitial fibrosis in obstructive nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2001 , 12, 736-748	12.7	86
56	The human tissue inhibitor of metalloproteinases (TIMP)-1 gene contains repressive elements within the promoter and intron 1. <i>Journal of Biological Chemistry</i> , 2000 , 275, 32664-71	5.4	27
55	Localization of gelatinase-A and gelatinase-B mRNA and protein in human gliomas. <i>Neuro-Oncology</i> , 2000 , 2, 145-50	1	75

54	Localization of gelatinase-A and gelatinase-B mRNA and protein in human gliomas. <i>Neuro-Oncology</i> , 2000 , 2, 145-150	1	5
53	Matrix metalloproteinase-9/gelatinase B is required for process outgrowth by oligodendrocytes. <i>Journal of Neuroscience</i> , 1999 , 19, 8464-75	6.6	244
52	Growth Factors and Cytokines Upregulate Gelatinase Expression in Bone Marrow CD34+ Cells and Their Transmigration Through Reconstituted Basement Membrane. <i>Blood</i> , 1999 , 93, 3379-3390	2.2	185
51	Interleukin-6 Regulation of Matrix Metalloproteinase (MMP-2 and MMP-9) and Tissue Inhibitor of Metalloproteinase (TIMP-1) Expression in Malignant Non-Hodgkin's Lymphomas. <i>Blood</i> , 1999 , 94, 2080-2089	2.3	178
50	Telomere-dependent senescence. <i>Nature Biotechnology</i> , 1999 , 17, 313-4	44.5	30
49	A sequence-selective single-strand DNA-binding protein regulates basal transcription of the murine tissue inhibitor of metalloproteinases-1 (Timp-1) gene. <i>Journal of Biological Chemistry</i> , 1999 , 274, 22197-207	5.1	19
48	Broad antitumor and antiangiogenic activities of AG3340, a potent and selective MMP inhibitor undergoing advanced oncology clinical trials. <i>Annals of the New York Academy of Sciences</i> , 1999 , 878, 236-70	6.5	221
47	Elevated plasma gelatinase A (MMP-2) activity is associated with quiescent Crohn's Disease. <i>Annals of the New York Academy of Sciences</i> , 1999 , 878, 578-80	6.5	9
46	Expression of matrix metalloproteinases (MMP-2 and -9) and tissue inhibitors of metalloproteinases (TIMP-1 and -2) in acute myelogenous leukaemia blasts: comparison with normal bone marrow cells. <i>British Journal of Haematology</i> , 1999 , 105, 402-411	4.5	90
45	Reprogramming of TIMP-1 and TIMP-3 expression profiles in brain microvascular endothelial cells and astrocytes in response to proinflammatory cytokines. <i>FEBS Letters</i> , 1999 , 448, 9-14	3.8	53
44	Interleukin-6 Regulation of Matrix Metalloproteinase (MMP-2 and MMP-9) and Tissue Inhibitor of Metalloproteinase (TIMP-1) Expression in Malignant Non-Hodgkin's Lymphomas. <i>Blood</i> , 1999 , 94, 2080-2089	2.3	10
43	Gelatinase-A (MMP-2), gelatinase-B (MMP-9) and membrane type matrix metalloproteinase-1 (MT1-MMP) are involved in different aspects of the pathophysiology of malignant gliomas. <i>British Journal of Cancer</i> , 1999 , 79, 1828-1835	8.7	267
42	High levels of gelatinase-B and active gelatinase-A in metastatic glioblastoma. <i>Journal of Neuro-Oncology</i> , 1998 , 36, 21-9	4.8	54
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