

# Dylan R. Edwards

## List of Publications by Year in descending order

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196  
papers

21,621  
citations

7096

78  
h-index

9589

142  
g-index

201  
all docs

201  
docs citations

201  
times ranked

23756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalloproteinase inhibitors: biological actions and therapeutic opportunities. <i>Journal of Cell Science</i> , 2002, 115, 3719-3727.	2.0	1,029
2	The ADAM metalloproteinases. <i>Molecular Aspects of Medicine</i> , 2008, 29, 258-289.	6.4	955
3	Metalloproteinases in biology and pathology of the nervous system. <i>Nature Reviews Neuroscience</i> , 2001, 2, 502-511.	10.2	946
4	The ADAMTS metalloproteinases. <i>Biochemical Journal</i> , 2005, 386, 15-27.	3.7	682
5	Matrix metalloproteinases and diseases of the CNS. <i>Trends in Neurosciences</i> , 1998, 21, 75-80.	8.6	614
6	Developmental expression of 2ar (osteopontin) and SPARC (osteonectin) RNA as revealed by in situ hybridization. <i>Journal of Cell Biology</i> , 1988, 106, 441-450.	5.2	515
7	The regulation of matrix metalloproteinases and their inhibitors. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1362-1378.	2.8	474
8	The ADAMTS (A Disintegrin and Metalloproteinase with Thrombospondin motifs) family. <i>Genome Biology</i> , 2015, 16, 113.	8.8	471
9	Expression profiling of metalloproteinases and their inhibitors in cartilage. <i>Arthritis and Rheumatism</i> , 2004, 50, 131-141.	6.7	379
10	The role of chondrocyte senescence in osteoarthritis. <i>Aging Cell</i> , 2002, 1, 57-65.	6.7	349
11	MicroRNAs and the hallmarks of cancer. <i>Oncogene</i> , 2006, 25, 6170-6175.	5.9	344
12	Critical research gaps and translational priorities for the successful prevention and treatment of breast cancer. <i>Breast Cancer Research</i> , 2013, 15, R92.	5.0	320
13	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.	6.4	313
14	Analyses of all matrix metalloproteinase members in leukocytes emphasize monocytes as major inflammatory mediators in multiple sclerosis. <i>Brain</i> , 2003, 126, 2738-2749.	7.6	300
15	Increased gelatinase A (MMP-2) and gelatinase B (MMP-9) activities in human brain after focal ischemia. <i>Neuroscience Letters</i> , 1997, 238, 53-56.	2.1	296
16	Targeted photodynamic therapy of breast cancer cells using antibody-phthalocyanine-gold nanoparticle conjugates. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 822-831.	2.9	295
17	Dysregulated Expression of Adamalysin-Thrombospondin Genes in Human Breast Carcinoma. <i>Clinical Cancer Research</i> , 2004, 10, 2429-2440.	7.0	272
18	Expression profiling of metalloproteinases and tissue inhibitors of metalloproteinases in normal and degenerate human achilles tendon. <i>Arthritis and Rheumatism</i> , 2006, 54, 832-842.	6.7	258

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19	Matrix Metalloproteinase-9/Gelatinase B Is Required for Process Outgrowth by Oligodendrocytes. <i>Journal of Neuroscience</i> , 1999, 19, 8464-8475.	3.6	255
20	Metalloproteinases and their inhibitors in tumor angiogenesis. <i>International Journal of Cancer</i> , 2005, 115, 849-860.	5.1	251
21	NADPH oxidase-2 derived superoxide drives mitochondrial transfer from bone marrow stromal cells to leukemic blasts. <i>Blood</i> , 2017, 130, 1649-1660.	1.4	242
22	Tissue inhibitor of metalloproteinases (TIMP, aka EPA): Structure, control of expression and biological functions. , 1993, 59, 329-341.		241
23	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, 236-270.	3.8	238
24	Leukemic blasts program bone marrow adipocytes to generate a protumoral microenvironment. <i>Blood</i> , 2017, 129, 1320-1332.	1.4	226
25	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, 10304-10313.	3.4	211
26	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.	2.0	207
27	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.	1.4	200
28	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, 961-967.	6.7	197
29	MMP-1 drives immunopathology in human tuberculosis and transgenic mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1827-1833.	8.2	197
30	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.	1.4	195
31	An Adverse Role for Matrix Metalloproteinase 12 after Spinal Cord Injury in Mice. <i>Journal of Neuroscience</i> , 2003, 23, 10107-10115.	3.6	181
32	Signalling and superinduction. <i>Nature</i> , 1991, 349, 747-748.	27.8	177
33	Altered Balance Between Matrix Metalloproteinases and Their Inhibitors in Experimental Biliary Fibrosis. <i>American Journal of Pathology</i> , 1998, 153, 1895-1902.	3.8	177
34	Determinants of Human B Cell Migration Across Brain Endothelial Cells. <i>Journal of Immunology</i> , 2003, 170, 4497-4505.	0.8	175
35	Matrix Metalloproteinase-8 Functions as a Metastasis Suppressor through Modulation of Tumor Cell Adhesion and Invasion. <i>Cancer Research</i> , 2008, 68, 2755-2763.	0.9	172
36	Murine tissue inhibitor of metalloproteinases-4 (TIMP-4): cDNA isolation and expression in adult mouse tissues. <i>FEBS Letters</i> , 1997, 401, 213-217.	2.8	167

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37	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.	2.0	166
38	Identification of degradome components associated with prostate cancer progression by expression analysis of human prostatic tissues. <i>British Journal of Cancer</i> , 2005, 92, 2171-2180.	6.4	163
39	Matrix metalloproteinases: protective roles in cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1254-1265.	3.6	160
40	Expression analysis of the entire MMP and TIMP gene families during mouse tissue development. <i>FEBS Letters</i> , 2004, 563, 129-134.	2.8	156
41	A growth-responsive gene (16C8) in normal mouse fibroblasts homologous to a human collagenase inhibitor with erythroid-potentiating activity: evidence for inducible and constitutive transcripts. <i>Nucleic Acids Research</i> , 1986, 14, 8863-8878.	14.5	154
42	Histone deacetylase inhibitors modulate metalloproteinase gene expression in chondrocytes and block cartilage resorption. <i>Arthritis Research</i> , 2005, 7, R503.	2.0	153
43	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, 380-390.	4.5	151
44	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, 117-127.	1.5	143
45	Expression of matrix metalloproteinases and tissue inhibitors of metalloproteinases in the mouse uterus during the peri-implantation period. , 1997, 21, 44-54.		139
46	Tissue Inhibitor of Metalloproteinases-1 Promotes Liver Metastasis by Induction of Hepatocyte Growth Factor Signaling. <i>Cancer Research</i> , 2007, 67, 8615-8623.	0.9	133
47	Expression of metalloproteinases and their inhibitors in primary pulmonary carcinomas. <i>British Journal of Cancer</i> , 1992, 66, 1188-1194.	6.4	131
48	Metalloproteinase inhibitor TIMP-1 affects hepatocyte cell cycle via HGF activation in murine liver regeneration. <i>Hepatology</i> , 2005, 41, 857-867.	7.3	131
49	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.	3.4	131
50	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.	0.8	130
51	Tenascin-C Stimulates Glioma Cell Invasion through Matrix Metalloproteinase-12. <i>Cancer Research</i> , 2006, 66, 11771-11780.	0.9	127
52	Key Metalloproteinases Are Expressed by Specific Cell Types in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2004, 173, 5209-5218.	0.8	126
53	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, 1668-1670.	0.5	125
54	Diverse and potent activities of HGF/SF in skin wound repair. <i>Journal of Pathology</i> , 2004, 203, 831-838.	4.5	122

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55	Transcriptional activity of the human tissue inhibitor of metalloproteinases 1 (TIMP-1) gene in fibroblasts involves elements in the promoter, exon 1 and intron 1. <i>Biochemical Journal</i> , 1997, 324, 611-617.	3.7	121
56	Developmentally programmed induction of differentiation inhibiting activity and the control of stem cell populations.. <i>Genes and Development</i> , 1990, 4, 2308-2318.	5.9	119
57	Comparative analysis of the expression patterns of metalloproteinases and their inhibitors in breast neoplasia, sporadic colorectal neoplasia, pulmonary carcinomas and malignant non-Hodgkin's lymphomas in humans. <i>British Journal of Cancer</i> , 1996, 73, 1401-1408.	6.4	118
58	Involvement of AP1 and PEA3 binding sites in the regulation of murine tissue inhibitor of metalloproteinases-1 (TIMP-1) transcription. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1171, 41-55.	2.4	108
59	Phosphorylation-dependent Interactions between ADAM15 Cytoplasmic Domain and Src Family Protein-tyrosine Kinases. <i>Journal of Biological Chemistry</i> , 2002, 277, 4999-5007.	3.4	108
60	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.	6.1	108
61	Metalloproteinases and their inhibitors in angiogenesis. <i>Expert Reviews in Molecular Medicine</i> , 2003, 5, 1-39.	3.9	101
62	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.	5.0	101
63	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.	2.5	100
64	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, 2022-2035.	7.0	100
65	Differential effects of transforming growth factor- $\beta$ 21 on the expression of matrix metalloproteinases and tissue inhibitors of metalloproteinases in young and old human fibroblasts. <i>Experimental Gerontology</i> , 1996, 31, 207-223.	2.8	99
66	<i>Mycobacterium tuberculosis</i> , but Not Vaccine BCG, Specifically Upregulates Matrix Metalloproteinase-1. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1596-1604.	5.6	97
67	Differential regulation of TIMP-1 and TIMP-2 mRNA expression in normal and Ha-ras-transformed murine fibroblasts. <i>Gene</i> , 1992, 117, 209-217.	2.2	96
68	Cytokine stimulated vascular cell adhesion molecule-1 (VCAM-1) ectodomain release is regulated by TIMP-3. <i>Cardiovascular Research</i> , 2005, 67, 39-49.	3.8	93
69	Proteases in cancer drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 97, 144-155.	13.7	93
70	ERK5 signalling in prostate cancer promotes an invasive phenotype. <i>British Journal of Cancer</i> , 2011, 104, 664-672.	6.4	90
71	Endocrinology and paracrinology: Roles of growth factors during peri-implantation development. <i>Human Reproduction</i> , 1995, 10, 712-718.	0.9	89
72	Hormonal Regulation of Matrix Metalloproteinase Inhibitors in Rat Granulosa Cells and Ovaries*. <i>Endocrinology</i> , 1991, 128, 1825-1832.	2.8	88

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73	Metalloproteinases are enriched in microglia compared with leukocytes and they regulate cytokine levels in activated microglia. <i>Glia</i> , 2007, 55, 516-526.	4.9	87
74	Regulation of tissue inhibitor of metalloproteinases-1 gene expression by cytokines and dexamethasone in rat hepatocyte primary cultures. <i>Hepatology</i> , 1993, 18, 1437-1442.	7.3	86
75	Localization of gelatinase-A and gelatinase-B mRNA and protein in human gliomas. <i>Neuro-Oncology</i> , 2000, 2, 145-150.	1.2	86
76	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, 1251-1257.	2.4	86
77	Cell signalling and the control of gene transcription. <i>Trends in Pharmacological Sciences</i> , 1994, 15, 239-244.	8.7	85
78	The roles of ADAMTS metalloproteinases in tumorigenesis and metastasis. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1861.	3.0	83
79	ADAMTS8 and ADAMTS15 expression predicts survival in human breast carcinoma. <i>International Journal of Cancer</i> , 2006, 118, 1241-1247.	5.1	82
80	Differential expression and localization of TIMP-1 and TIMP-4 in human gliomas. <i>British Journal of Cancer</i> , 2001, 85, 55-63.	6.4	81
81	Metalloproteinase Expression in PMA-stimulated THP-1 Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 51340-51346.	3.4	80
82	Differential Expression of Matrix Metalloproteinases During Impaired Wound Healing of the Diabetes Mouse. <i>Journal of Investigative Dermatology</i> , 2002, 119, 91-98.	0.7	77
83	Altered Microenvironment Promotes Progression of Preinvasive Breast Cancer: Myoepithelial Expression of $\alpha$ 6 Integrin in DCIS Identifies High-risk Patients and Predicts Recurrence. <i>Clinical Cancer Research</i> , 2014, 20, 344-357.	7.0	77
84	Gene expression during the mammalian cell cycle. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1986, 865, 83-125.	7.4	74
85	HDAC-mediated control of ERK- and PI3K-dependent TGF- $\beta$ 2-induced extracellular matrix-regulating genes. <i>Matrix Biology</i> , 2010, 29, 602-612.	3.6	74
86	Epithelial carcinogenesis: dynamic interplay between neoplastic cells and their microenvironment. <i>Differentiation</i> , 2002, 70, 610-623.	1.9	73
87	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.	3.7	72
88	Identification, regulation and role of tissue inhibitor of metalloproteinases-4 (TIMP-4) in human platelets. <i>British Journal of Pharmacology</i> , 2002, 137, 1330-1338.	5.4	71
89	Comprehensive profiling and localisation of the matrix metalloproteinases in urothelial carcinoma. <i>British Journal of Cancer</i> , 2006, 94, 569-577.	6.4	71
90	A study of mitochondrial and nuclear transcription with cloned cDNA probes. <i>Experimental Cell Research</i> , 1985, 157, 127-143.	2.6	70

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91	<i>Mycobacterium tuberculosis</i> Upregulates Microglial Matrix Metalloproteinase-1 and -3 Expression and Secretion via NF- $\kappa$ B and Activator Protein-1-Dependent Monocyte Networks. <i>Journal of Immunology</i> , 2010, 184, 6492-6503.	0.8	70
92	Oncostatin M Stimulates c-Fos to Bind a Transcriptionally Responsive AP-1 Element within the Tissue Inhibitor of Metalloproteinase-1 Promoter. <i>Journal of Biological Chemistry</i> , 1998, 273, 5211-5218.	3.4	68
93	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.	2.8	67
94	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.	4.1	65
95	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.	3.1	65
96	Tissue inhibitor of metalloproteinases-3 is the major metalloproteinase inhibitor in the decidualizing murine uterus. <i>Molecular Reproduction and Development</i> , 1996, 45, 458-465.	2.0	64
97	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.	0.9	64
98	Extracellular matrix and matrix metalloproteinases in sciatic nerve. <i>Journal of Neuroscience Research</i> , 2003, 74, 417-429.	2.9	63
99	Differential expression of the <i>ccn3</i> (nov) proto-oncogene in human prostate cell lines and tissues. <i>Journal of Clinical Pathology</i> , 2001, 54, 275-280.	1.9	62
100	Matrix Metalloproteinase-9 and Tissue Inhibitor of Metalloproteinase-3 Are Key Regulators of Extracellular Matrix Degradation by Mouse Embryos <sup>1</sup> . <i>Biology of Reproduction</i> , 2001, 64, 1331-1337.	2.7	62
101	Identification of an initiator-like element essential for the expression of the tissue inhibitor of metalloproteinases-4 ( <i>Timp-4</i> ) gene. <i>Biochemical Journal</i> , 2002, 364, 89-99.	3.7	62
102	Membrane-Type 4 Matrix Metalloproteinase Promotes Breast Cancer Growth and Metastases. <i>Cancer Research</i> , 2006, 66, 5165-5172.	0.9	61
103	Distinct Functions of Natural ADAM-15 Cytoplasmic Domain Variants in Human Mammary Carcinoma. <i>Molecular Cancer Research</i> , 2008, 6, 383-394.	3.4	60
104	Collagenase-2 Deficiency or Inhibition Impairs Experimental Autoimmune Encephalomyelitis in Mice. <i>Journal of Biological Chemistry</i> , 2008, 283, 9465-9474.	3.4	60
105	Temporal and Spatial Expression of Tissue Inhibitors of Metalloproteinases during the Natural Ovulatory Cycle of the Mouse <sup>1</sup> . <i>Biology of Reproduction</i> , 1996, 55, 498-508.	2.7	58
106	High levels of gelatinase-B and active gelatinase-A in metastatic glioblastoma. <i>Journal of Neuro-Oncology</i> , 1998, 36, 21-29.	2.9	58
107	Activation of Key Profibrotic Mechanisms in Transgenic Fibroblasts Expressing Kinase-deficient Type II Transforming Growth Factor- $\beta$ Receptor ( <i>T<math>\beta</math>RII<sup>ik</sup></i> ). <i>Journal of Biological Chemistry</i> , 2005, 280, 16053-16065.	3.4	58
108	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, 269-273.	2.4	57

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109	ADAMTS-1 and syndecan-4 intersect in the regulation of cell migration and angiogenesis. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	57
110	Insulin-like Growth Factor-II Regulates PTEN Expression in the Mammary Gland. <i>Journal of Biological Chemistry</i> , 2003, 278, 50422-50427.	3.4	56
111	Brk Protects Breast Cancer Cells from Autophagic Cell Death Induced by Loss of Anchorage. <i>American Journal of Pathology</i> , 2009, 175, 1226-1234.	3.8	56
112	TGF- $\beta$ -Elicited Induction of Tissue Inhibitor of Metalloproteinases (TIMP)-3 Expression in Fibroblasts Involves Complex Interplay between Smad3, p38 $\beta$ , and ERK1/2. <i>PLoS ONE</i> , 2013, 8, e57474.	2.5	55
113	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.	3.7	52
114	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.	3.4	52
115	Expression and Activity of Ovarian Tissue Inhibitors of Metalloproteinases during Pseudopregnancy in the Rat1. <i>Biology of Reproduction</i> , 1995, 53, 684-691.	2.7	51
116	MMP2 Activity is Critical for TGF $\beta$ 2-Induced Matrix Contractionâ€”Implications for Fibrosis. , 2012, 53, 4085.		51
117	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, 13394-13400.	3.4	50
118	Matrix metalloproteinases mediate the dismantling of mesenchymal structures in the tadpole tail during thyroid hormoneâ€”induced tail resorption. <i>Developmental Dynamics</i> , 2002, 223, 402-413.	1.8	50
119	Development of a Novel Tumor-Targeted Vascular Disrupting Agent Activated by Membrane-Type Matrix Metalloproteinases. <i>Cancer Research</i> , 2010, 70, 6902-6912.	0.9	49
120	Perivascular Cells Regulate Endothelial Membrane Type-1 Matrix Metalloproteinase Activity. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 463-473.	2.1	47
121	TISSUE INHIBITOR OF METALLOPROTEINASE-3 IS UP-REGULATED BY TRANSFORMING GROWTH FACTOR- $\beta$ 1 IN VITRO AND EXPRESSED IN FIBROBLASTIC FOCI IN VIVO IN IDIOPATHIC PULMONARY FIBROSIS. <i>Experimental Lung Research</i> , 2006, 32, 201-214.	1.2	47
122	Metalloproteinaseâ€”dependent and â€”independent processes contribute to inhibition of breast cancer cell migration, angiogenesis and liver metastasis by a disintegrin and metalloproteinase with thrombospondin motifsâ€”15. <i>International Journal of Cancer</i> , 2015, 136, E14-26.	5.1	46
123	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, 1199-1207.	0.8	45
124	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.	3.6	44
125	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, 1764-1771.	2.8	44
126	Reversible transdifferentiation of blood vascular endothelial cells to a lymphatic-like phenotype in vitro. <i>Journal of Cell Science</i> , 2010, 123, 3808-3816.	2.0	44



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127	Systemic Ablation of MMP-9 Triggers Invasive Growth and Metastasis of Pancreatic Cancer via Deregulation of IL6 Expression in the Bone Marrow. <i>Molecular Cancer Research</i> , 2016, 14, 1147-1158.	3.4	44
128	Expression of metalloproteinases and inhibitors in the differentiation of P19CL6 cells into cardiac myocytes. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 759-765.	2.1	43
129	Intradermal air pouch leukocytosis as an in vivo test for nanoparticles. <i>International Journal of Nanomedicine</i> , 2013, 8, 4745.	6.7	42
130	Extracellular protease mRNAs are predominantly expressed in the stromal areas of microdissected mouse breast carcinomas. <i>Carcinogenesis</i> , 2005, 26, 1233-1240.	2.8	41
131	Telomere-dependent senescence. <i>Nature Biotechnology</i> , 1999, 17, 313-313.	17.5	37
132	Acute Depletion of Endothelial $\beta$ 2-Integrin Transiently Inhibits Tumor Growth and Angiogenesis in Mice. <i>Circulation Research</i> , 2014, 114, 79-91.	4.5	36
133	Banking of fresh-frozen prostate tissue: methods, validation and use. <i>BJU International</i> , 2003, 91, 315-324.	2.5	35
134	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.	5.0	35
135	Analysis of hypoxia-associated gene expression in prostate cancer: lysyl oxidase and glucose transporter-1 expression correlate with Gleason score. <i>Oncology Reports</i> , 1994, 20, 1561.	2.6	34
136	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, 32664-32671.	3.4	34
137	G-helix of Maspin Mediates Effects on Cell Migration and Adhesion. <i>Journal of Biological Chemistry</i> , 2010, 285, 36285-36292.	3.4	34
138	Src Stimulates Fibroblast Growth Factor Receptor-2 Shedding by an ADAM15 Splice Variant Linked to Breast Cancer. <i>Cancer Research</i> , 2009, 69, 4573-4576.	0.9	30
139	DESNT: A Poor Prognosis Category of Human Prostate Cancer. <i>European Urology Focus</i> , 2018, 4, 842-850.	3.1	30
140	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.	5.0	29
141	Differential effects of histone deacetylase inhibitors on phorbol ester- and TGF- $\beta$ 1 induced murine tissue inhibitor of metalloproteinases-1 gene expression. <i>FEBS Journal</i> , 2005, 272, 1912-1926.	4.7	28
142	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, 126-132.	6.4	28
143	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, 128-138.	3.6	28
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