

William George Stetler-Stevenson

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.

210
papers

23,869
citations

78
h-index

152
g-index

235
ext. papers

24,970
ext. citations

6.6
avg, IF

6.72
L-index

#	Paper	IF	Citations
210	The tumor suppressor folliculin inhibits lactate dehydrogenase A and regulates the Warburg effect. <i>Nature Structural and Molecular Biology</i> , 2021 , 28, 662-670	17.6	4
209	Inhibition of Hepatic Stellate Cell Activation Suppresses Tumorigenicity of Hepatocellular Carcinoma in Mice. <i>American Journal of Pathology</i> , 2021 , 191, 2219-2230	5.8	1
208	High-Affinity Binding of LDL Receptor-Related Protein 1 to Matrix Metalloprotease 1 Requires Protease:Inhibitor Complex Formation. <i>Biochemistry</i> , 2020 , 59, 2922-2933	3.2	5
207	TIMP-2 suppresses tumor growth and metastasis in murine model of triple-negative breast cancer. <i>Carcinogenesis</i> , 2020 , 41, 313-325	4.6	9
206	Co-chaperones TIMP2 and AHA1 Competitively Regulate Extracellular HSP90:Client MMP2 Activity and Matrix Proteolysis. <i>Cell Reports</i> , 2019 , 28, 1894-1906.e6	10.6	24
205	Matrisome-Associated Gene Expression Patterns Correlating with TIMP2 in Cancer. <i>Scientific Reports</i> , 2019 , 9, 20142	4.9	11
204	Macromolecule-Network Electrostatics Controlling Delivery of the Biotherapeutic Cell Modulator TIMP-2. <i>Biomacromolecules</i> , 2018 , 19, 1285-1293	6.9	7
203	Extracellular Phosphorylation of TIMP-2 by Secreted c-Src Tyrosine Kinase Controls MMP-2 Activity. <i>IScience</i> , 2018 , 1, 87-96	6.1	16
202	TIMP-2 Inhibits Triple Negative Breast Cancer Growth and Metastasis through EMT Suppression and Promotion of Vascular Normalization. <i>FASEB Journal</i> , 2018 , 32, 678.2	0.9	1
201	Tissue Inhibitor of Metalloprotease-2 (TIMP-2): Bioprocess Development, Physicochemical, Biochemical, and Biological Characterization of Highly Expressed Recombinant Protein. <i>Biochemistry</i> , 2017 , 56, 6423-6433	3.2	9
200	Mps1 Mediated Phosphorylation of Hsp90 Confers Renal Cell Carcinoma Sensitivity and Selectivity to Hsp90 Inhibitors. <i>Cell Reports</i> , 2016 , 14, 872-884	10.6	42
199	c-Abl Mediated Tyrosine Phosphorylation of Aha1 Activates Its Co-chaperone Function in Cancer Cells. <i>Cell Reports</i> , 2015 , 12, 1006-18	10.6	44
198	Isolation and characterization of novel RECK tumor suppressor gene splice variants. <i>Oncotarget</i> , 2015 , 6, 33120-33	3.3	9
197	Anti-inflammatory and antioxidant properties of Piper species: a perspective from screening to molecular mechanisms. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 886-93	3	15
196	Preclinical Development of Recombinant Human Tissue Inhibitor of Metalloprotease-2 as a Novel Biologic Therapy for Cancer. <i>FASEB Journal</i> , 2015 , 29, 945.16	0.9	0
195	Asymmetric Hsp90 N domain SUMOylation recruits Aha1 and ATP-competitive inhibitors. <i>Molecular Cell</i> , 2014 , 53, 317-29	17.6	82
194	Human cardiac fibroblast extracellular matrix remodeling: dual effects of tissue inhibitor of metalloproteinase-2. <i>Cardiovascular Pathology</i> , 2014 , 23, 335-43	3.8	24

193	Normalization of the tumor microenvironment: evidence for tissue inhibitor of metalloproteinase-2 as a cancer therapeutic. <i>Connective Tissue Research</i> , 2014 , 55, 13-9	3.3	24
192	Molecular mechanisms of tissue inhibitor of metalloproteinase 2 in the tumor microenvironment. <i>Molecular and Cellular Therapies</i> , 2014 , 2, 17		20
191	An endogenous inhibitor of angiogenesis inversely correlates with side population phenotype and function in human lung cancer cells. <i>Oncogene</i> , 2014 , 33, 1198-206	9.2	12
190	Dietary intake of a plant phospholipid/lipid conjugate reduces lung cancer growth and tumor angiogenesis. <i>Carcinogenesis</i> , 2014 , 35, 1556-63	4.6	9
189	Novel Phenotypic Fluorescent Three-Dimensional Co-Culture Platforms for Recapitulating Tumor in vivo Progression and for Personalized Therapy. <i>Journal of Cancer</i> , 2013 , 4, 755-63	4.5	10
188	Tissue inhibitor of metalloproteinase 1 is preferentially expressed in Th1 and Th17 T-helper cell subsets and is a direct STAT target gene. <i>PLoS ONE</i> , 2013 , 8, e59367	3.7	12
187	TIMP-2 modulates cancer cell transcriptional profile and enhances E-cadherin/beta-catenin complex expression in A549 lung cancer cells. <i>Oncotarget</i> , 2013 , 4, 166-76	3.3	48
186	Influence of Stromal Components on Lung Cancer Carcinogenesis. <i>Journal of Carcinogenesis & Mutagenesis</i> , 2013 , 13,	1	4
185	SCNH2 is a novel apelinergic family member acting as a potent mitogenic and chemotactic factor for both endothelial and epithelial cells. <i>Open Journal of Clinical Diagnostics</i> , 2013 , 3, 37-51	0.2	3
184	Antagonism of VEGF-A-induced increase in vascular permeability by an integrin $\beta 1$ -Shp-1-cAMP/PKA pathway. <i>Blood</i> , 2012 , 120, 4892-902	2.2	40
183	Expression of soluble and functional full-length human matrix metalloproteinase-2 in Escherichia coli. <i>Journal of Biotechnology</i> , 2012 , 157, 20-4	3.7	20
182	Matrix metalloproteinases: changing roles in tumor progression and metastasis. <i>American Journal of Pathology</i> , 2012 , 181, 1895-9	5.8	213
181	Anti-tumoral Properties of Endogenous Angiogenesis Inhibitors: A Case for Continued TIMP-2 Preclinical Development. <i>Current Angiogenesis</i> , 2012 , 1, 148-156		1
180	Combined inhibition of Wee1 and Hsp90 activates intrinsic apoptosis in cancer cells. <i>Cell Cycle</i> , 2012 , 11, 3649-55	4.7	19
179	TIMP-2 targets tumor-associated myeloid suppressor cells with effects in cancer immune dysfunction and angiogenesis. <i>Journal of Immunotherapy</i> , 2012 , 35, 502-12	5	38
178	TIMP-2: An Endogenous Angiogenesis Inhibitor with Distinct Antitumoral Properties 2012 , 2, 31-35		1
177	Directed In Vivo Angiogenesis Assay (DIVAA) for the Screening of Angiogenesis Modulators 2012 , 305-309		
176	Endogenous angiogenesis inhibitor blocks tumor growth via direct and indirect effects on tumor microenvironment. <i>American Journal of Pathology</i> , 2011 , 179, 2589-600	5.8	41

175	An integrin-binding N-terminal peptide region of TIMP-2 retains potent angio-inhibitory and anti-tumorigenic activity in vivo. <i>Peptides</i> , 2011 , 32, 1840-8	3.8	26
174	TIMP-2 modulates VEGFR-2 phosphorylation and enhances phosphodiesterase activity in endothelial cells. <i>Laboratory Investigation</i> , 2010 , 90, 374-82	5.9	24
173	Swe1Wee1-dependent tyrosine phosphorylation of Hsp90 regulates distinct facets of chaperone function. <i>Molecular Cell</i> , 2010 , 37, 333-43	17.6	143
172	Matrix metalloproteinases (MMPs) and tissue inhibitors of metalloproteinases (TIMPs): Positive and negative regulators in tumor cell adhesion. <i>Seminars in Cancer Biology</i> , 2010 , 20, 161-8	12.7	476
171	Synthesis of novel cyclic NGR/RGD peptide analogs via on resin click chemistry. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 7337-40	2.9	24
170	Invasion and Metastasis 2010 , 213-228		2
169	Overexpression of tissue inhibitors of metalloproteinase 2 up-regulates NF-kappaB activity in melanoma cells. <i>Journal of Molecular Signaling</i> , 2009 , 4, 4	1	16
168	Novel anti-filamin-A antibody detects a secreted variant of filamin-A in plasma from patients with breast carcinoma and high-grade astrocytoma. <i>Cancer Science</i> , 2009 , 100, 1748-56	6.9	33
167	TIMP-2 disrupts FGF-2-induced downstream signaling pathways. <i>Microvascular Research</i> , 2008 , 76, 145-51	3.7	40
166	TIMP1 induces CD44 expression and the activation and nuclear translocation of SHP1 during the late centrocyte/post-germinal center B cell differentiation. <i>Cancer Letters</i> , 2008 , 269, 37-45	9.9	12
165	Hematopoiesis in mice is extremely resilient to wide variation in TIMP/MMP balance. <i>Blood Cells, Molecules, and Diseases</i> , 2008 , 41, 179-87	2.1	5
164	Tissue inhibitors of metalloproteinases in cell signaling: metalloproteinase-independent biological activities. <i>Science Signaling</i> , 2008 , 1, re6	8.8	344
163	Matrix metalloproteinases. <i>Current Protocols in Cell Biology</i> , 2008 , Chapter 10, Unit 10.8	2.3	29
162	Activation of the estrogen receptor contributes to the progression of pulmonary lymphangioliomyomatosis via matrix metalloproteinase-induced cell invasiveness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 1625-33	5.6	56
161	The tumor microenvironment: regulation by MMP-independent effects of tissue inhibitor of metalloproteinases-2. <i>Cancer and Metastasis Reviews</i> , 2008 , 27, 57-66	9.6	114
160	TGF-beta signaling preserves RECK expression in activated pancreatic stellate cells. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 1065-74	4.7	26
159	Functional Interactions Between MMPs and TGF- β in Normal and Tumor Tissue 2008 , 275-292		
158	Matrix Metalloproteinases and Their Endogenous Inhibitors 2008 , 55-62		1

157	Nm23-H1 suppresses tumor cell motility by down-regulating the lysophosphatidic acid receptor EDG2. <i>Cancer Research</i> , 2007 , 67, 7238-46	10.1	99
156	Human mesenchymal stem cells exert potent antitumorigenic effects in a model of Kaposi's sarcoma. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1235-47	16.6	607
155	Shp-1 mediates the antiproliferative activity of tissue inhibitor of metalloproteinase-2 in human microvascular endothelial cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 3711-21	5.4	114
154	TIMP-2 promotes cell spreading and adhesion via upregulation of Rap1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 345, 1201-6	3.4	11
153	Retinal pigment epithelium protection from oxidant-mediated loss of MMP-2 activation requires both MMP-14 and TIMP-2. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 1696-702		19
152	Matrix Metalloproteinases in Tumor Progression 2006 , 143-158		
151	TIMP-2 upregulates RECK expression via dephosphorylation of paxillin tyrosine residues 31 and 118. <i>Oncogene</i> , 2006 , 25, 4230-4	9.2	40
150	Human mesenchymal stem cells exert potent antitumorigenic effects in a model of Kaposi's sarcoma. <i>Journal of Cell Biology</i> , 2006 , 173, i7-i7	7.3	1
149	TIMP-2: an endogenous inhibitor of angiogenesis. <i>Trends in Molecular Medicine</i> , 2005 , 11, 97-103	11.5	138
148	Tissue inhibitor of metalloproteinase 1 (TIMP-1) promotes plasmablastic differentiation of a Burkitt lymphoma cell line: implications in the pathogenesis of plasmacytic/plasmablastic tumors. <i>Blood</i> , 2005 , 105, 1660-8	2.2	39
147	CD97, an adhesion receptor on inflammatory cells, stimulates angiogenesis through binding integrin counterreceptors on endothelial cells. <i>Blood</i> , 2005 , 105, 2836-44	2.2	144
146	Quantification of tissue inhibitor of metalloproteinases 2 in plasma from healthy donors and cancer patients. <i>Scandinavian Journal of Immunology</i> , 2005 , 61, 449-60	3.4	18
145	Role of human cripto-1 in tumor angiogenesis. <i>Journal of the National Cancer Institute</i> , 2005 , 97, 132-41	9.7	67
144	Breast cancer cells induce stromal fibroblasts to express MMP-9 via secretion of TNF-alpha and TGF-beta. <i>Journal of Cell Science</i> , 2005 , 118, 2143-53	5.3	193
143	Pro-matrix metalloproteinase-2 transfection increases orthotopic primary growth and experimental metastasis of MDA-MB-231 human breast cancer cells in nude mice. <i>Cancer Research</i> , 2004 , 64, 652-8	10.1	72
142	Modulation of tumor-host interactions, angiogenesis, and tumor growth by tissue inhibitor of metalloproteinase 2 via a novel mechanism. <i>Cancer Research</i> , 2004 , 64, 4481-6	10.1	26
141	Tissue inhibitors of metalloproteinase 2 inhibits endothelial cell migration through increased expression of RECK. <i>Cancer Research</i> , 2004 , 64, 9062-9	10.1	96
140	Proadrenomedullin NH2-terminal 20 peptide is a potent angiogenic factor, and its inhibition results in reduction of tumor growth. <i>Cancer Research</i> , 2004 , 64, 6489-94	10.1	39

139	Tissue inhibitor of matrix metalloproteinase-1 overexpression in M1 myeloblasts impairs IL-6-induced differentiation. <i>Oncogene</i> , 2004 , 23, 9212-9	9.2	12
138	Measurement of gelatinase B (MMP-9) in the cerebrospinal fluid of patients with vascular dementia and Alzheimer disease. <i>Stroke</i> , 2004 , 35, e159-62	6.7	103
137	Matrix metalloproteinase-2 cleavage of adrenomedullin produces a vasoconstrictor out of a vasodilator. <i>Biochemical Journal</i> , 2004 , 383, 413-8	3.8	110
136	Glucose-induced changes in integrins and matrix-related functions in cultured human glomerular epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, F671-9	4.3	69
135	Matrix metalloproteinases. <i>Current Protocols in Cell Biology</i> , 2003 , Chapter 10, Unit 10.8	2.3	9
134	Quantitative assessment of angiogenic responses by the directed in vivo angiogenesis assay. <i>American Journal of Pathology</i> , 2003 , 162, 1431-9	5.8	108
133	TIMP-2 mediated inhibition of angiogenesis: an MMP-independent mechanism. <i>Cell</i> , 2003 , 114, 171-80	56.2	427
132	Proximal tubular epithelial cell integrins respond to high glucose by altered cell-matrix interactions and differentially regulate matrixin expression. <i>Laboratory Investigation</i> , 2002 , 82, 1081-93	5.9	21
131	Immunohistochemical study of endothelin-1 and matrix metalloproteinases in plexogenic pulmonary arteriopathy. <i>Pathology Research and Practice</i> , 2002 , 198, 403-12	3.4	21
130	The effects of adrenomedullin overexpression in breast tumor cells. <i>Journal of the National Cancer Institute</i> , 2002 , 94, 1226-37	9.7	91
129	Matrix metalloproteinases and their tissue inhibitors in the lesions of cardiac and pulmonary sarcoidosis: an immunohistochemical study. <i>Human Pathology</i> , 2002 , 33, 1158-64	3.7	25
128	Inhibitors of Matrix Metalloproteinases 2002 , 315-327		
127	Tissue inhibitor of metalloproteinases 1 regulation of interleukin-10 in B-cell differentiation and lymphomagenesis. <i>Blood</i> , 2001 , 97, 1796-802	2.2	39
126	Proteases in invasion: matrix metalloproteinases. <i>Seminars in Cancer Biology</i> , 2001 , 11, 143-52	12.7	327
125	Tissue inhibitor of metalloproteinases-2 (TIMP-2) suppresses TKR-growth factor signaling independent of metalloproteinase inhibition. <i>Journal of Biological Chemistry</i> , 2001 , 276, 3203-14	5.4	97
124	Monocyte membrane type 1-matrix metalloproteinase. Prostaglandin-dependent regulation and role in metalloproteinase-2 activation. <i>Journal of Biological Chemistry</i> , 2001 , 276, 19027-32	5.4	59
123	Epidermal growth factor receptor signaling and the invasive phenotype of ovarian carcinoma cells. <i>Journal of the National Cancer Institute</i> , 2001 , 93, 1375-84	9.7	130
122	Tissue inhibitor of metalloproteinase-1 alters the tumorigenicity of Burkitt's lymphoma via divergent effects on tumor growth and angiogenesis. <i>American Journal of Pathology</i> , 2001 , 158, 1207-15 ^{5.8}	5.8	102

121	The Role of Matrix Metalloproteinases in Tumor Invasion, Metastasis, and Angiogenesis. <i>Surgical Oncology Clinics of North America</i> , 2001 , 10, 383-392	2.7	194
120	Inhibition of matrix metalloproteinases by over-expression of tissue inhibitor of metalloproteinase-2 inhibits the growth of experimental hemangiomas. <i>International Journal of Cancer</i> , 2001 , 91, 241-7	7.5	27
119	Validation of a model of colon cancer progression. <i>Journal of Pathology</i> , 2000 , 192, 446-54	9.4	169
118	Increased expression of tissue inhibitor of metalloproteinases type 1 (TIMP-1) in a more tumorigenic colon cancer cell line. <i>Journal of Pathology</i> , 2000 , 192, 455-9	9.4	41
117	Regulation of vascular growth and regression by matrix metalloproteinases in the rat aorta model of angiogenesis. <i>Laboratory Investigation</i> , 2000 , 80, 545-55	5.9	108
116	Posttranscriptional stimulation of endothelial cell matrix metalloproteinases 2 and 1 by endothelioma cells. <i>Experimental Cell Research</i> , 2000 , 258, 384-94	4.2	41
115	Matrix metalloproteinases and tissue inhibitors of metalloproteinases in bronchial squamous preinvasive lesions. <i>Human Pathology</i> , 2000 , 31, 296-305	3.7	51
114	Matrix metalloproteinases in renal development and disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2000 , 11, 574-581	12.7	194
113	Biophysical and functional characterization of full-length, recombinant human tissue inhibitor of metalloproteinases-2 (TIMP-2) produced in <i>Escherichia coli</i> . Comparison of wild type and amino-terminal alanine appended variant with implications for the mechanism of TIMP functions. <i>Journal of Biological Chemistry</i> , 1999 , 274, 21362-8	5.4	85
112	Regulation of angiostatin production by matrix metalloproteinase-2 in a model of concomitant resistance. <i>Journal of Biological Chemistry</i> , 1999 , 274, 29568-71	5.4	202
111	Tissue inhibitor of metalloproteinase-2 induces apoptosis in human T lymphocytes. <i>Annals of the New York Academy of Sciences</i> , 1999 , 878, 522-3	6.5	32
110	Matrix metalloproteinases and metastasis. <i>Cancer Chemotherapy and Pharmacology</i> , 1999 , 43 Suppl, S42-54	3.5	526
109	Immunolocalization of gelatinase-A (matrix metalloproteinase-2) in damaged human temporomandibular joint discs. <i>Archives of Oral Biology</i> , 1999 , 44, 297-304	2.8	11
108	Expression of matrix metalloprotease-2-cleaved laminin-5 in breast remodeling stimulated by sex steroids. <i>American Journal of Pathology</i> , 1999 , 154, 1193-201	5.8	66
107	The von Hippel-Lindau tumor suppressor gene inhibits hepatocyte growth factor/scatter factor-induced invasion and branching morphogenesis in renal carcinoma cells. <i>Molecular and Cellular Biology</i> , 1999 , 19, 5902-12	4.8	182
106	Matrix metalloproteinases in angiogenesis: a moving target for therapeutic intervention. <i>Journal of Clinical Investigation</i> , 1999 , 103, 1237-41	15.9	603
105	Pentosan polysulfate decreases proliferation and net extracellular matrix production in mouse mesangial cells. <i>Journal of the American Society of Nephrology: JASN</i> , 1999 , 10, 62-8	12.7	51
104	Zymography, Casein Zymography, and Reverse Zymography: Activity Assays for Proteases and their Inhibitors 1999 , 63-76		7

103	Chemically modified tetracyclines inhibit human melanoma cell invasion and metastasis. <i>Clinical and Experimental Metastasis</i> , 1998 , 16, 217-25	4.7	112
102	TIMP-2 over-expression reduces invasion and angiogenesis and protects B16F10 melanoma cells from apoptosis. <i>International Journal of Cancer</i> , 1998 , 75, 246-53	7.5	208
101	Cloning of murine membrane-type-1-matrix metalloproteinase (MT-1-MMP) and its metanephric developmental regulation with respect to MMP-2 and its inhibitor. <i>Kidney International</i> , 1998 , 54, 131-142	9.9	32
100	Adenovirus-mediated gene transfer of the human tissue inhibitor of metalloproteinase-2 blocks vascular smooth muscle cell invasiveness in vitro and modulates neointimal development in vivo. <i>Circulation</i> , 1998 , 98, 2195-201	16.7	110
99	Increased expression of membrane-type matrix metalloproteinase and preferential localization of matrix metalloproteinase-2 to the neointima of balloon-injured rat carotid arteries. <i>Circulation</i> , 1998 , 97, 82-90	16.7	93
98	Neuronal matrix metalloproteinase-2 degrades and inactivates a neurite-inhibiting chondroitin sulfate proteoglycan. <i>Journal of Neuroscience</i> , 1998 , 18, 5203-11	6.6	244
97	In vitro suppression of programmed cell death of B cells by tissue inhibitor of metalloproteinases-1. <i>Journal of Clinical Investigation</i> , 1998 , 102, 2002-10	15.9	307
96	72-kDa Gelatinase (Gelatinase A): Structure, Activation, Regulation, and Substrate Specificity 1998 , 85-113		31
95	Progelatinase A mRNA expression in cell lines derived from tumors in patients with metastatic renal cell carcinoma correlates inversely with survival. <i>Urology</i> , 1997 , 50, 295-301	1.6	22
94	Matrix metalloproteinases. Novel targets for directed cancer therapy. <i>Drugs and Aging</i> , 1997 , 11, 229-44	4.7	90
93	Induction of cell migration by matrix metalloprotease-2 cleavage of laminin-5. <i>Science</i> , 1997 , 277, 225-8	33.3	1028
92	Immunohistochemical study of matrix metalloproteinases (MMPs) and their tissue inhibitors (TIMPs) in pulmonary lymphangioleiomyomatosis (LAM). <i>Human Pathology</i> , 1997 , 28, 1071-8	3.7	136
91	Expression of Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Reactive and Neoplastic Lymphoid Cells. <i>Blood</i> , 1997 , 89, 1708-1715	2.2	93
90	TIMP-3 mRNA expression is regionally increased in moderately and poorly differentiated colorectal adenocarcinoma. <i>British Journal of Cancer</i> , 1997 , 75, 1678-83	8.7	34
89	Modulation of MMP-2 (gelatinase A) and MMP-9 (gelatinase B) by interferon-gamma in a human salivary gland cell line. <i>Journal of Cellular Physiology</i> , 1997 , 171, 117-24	7	57
88	Quantitative reverse zymography: analysis of picogram amounts of metalloproteinase inhibitors using gelatinase A and B reverse zymograms. <i>Analytical Biochemistry</i> , 1997 , 244, 161-6	3.1	153
87	Primate smooth muscle cell migration from aortic explants is mediated by endogenous platelet-derived growth factor and basic fibroblast growth factor acting through matrix metalloproteinases 2 and 9. <i>Circulation</i> , 1997 , 96, 3555-60	16.7	100
86	Expression of Matrix Metalloproteinases and Tissue Inhibitors of Metalloproteinases in Reactive and Neoplastic Lymphoid Cells. <i>Blood</i> , 1997 , 89, 1708-1715	2.2	13

85	Matrix Metalloproteinase Inhibitors 1997 , 241-261		2
84	Tumor angiogenesis: functional similarities with tumor invasion. <i>Exs</i> , 1997 , 79, 413-8		17
83	Cell surface binding and activation of gelatinase A induced by expression of membrane-type-1-matrix metalloproteinase (MT1-MMP). <i>FEBS Letters</i> , 1996 , 385, 238-40	3.8	146
82	Expression of metalloproteinases and tissue inhibitors of metalloproteinases in giant cell tumor of bone: an immunohistochemical study with clinical correlation. <i>Human Pathology</i> , 1996 , 27, 1144-8	3.7	23
81	Localization of matrix metalloproteinase MMP-2 to the surface of invasive cells by interaction with integrin alpha v beta 3. <i>Cell</i> , 1996 , 85, 683-93	56.2	1403
80	Molecular regulation of cellular invasion--role of gelatinase A and TIMP-2. <i>Biochemistry and Cell Biology</i> , 1996 , 74, 823-31	3.6	77
79	MMP-2: expression, activation and inhibition. <i>Enzyme & Protein</i> , 1996 , 49, 7-19		159
78	Fungal fimbriae are composed of collagen.. <i>EMBO Journal</i> , 1996 , 15, 4445-4453	13	65
77	Section Review Biologicals & Immunologicals: Matrix metalloproteinases and malignant disease: Recent developments. <i>Expert Opinion on Investigational Drugs</i> , 1996 , 5, 323-335	5.9	16
76	Matrix metalloproteinases and tumor invasion: from correlation and causality to the clinic. <i>Seminars in Cancer Biology</i> , 1996 , 7, 147-54	12.7	289
75	Tissue inhibitor of metalloproteinase-2 (TIMP-2) mRNA is constitutively expressed in bovine, human normal, and osteoarthritic articular chondrocytes. <i>Journal of Cellular Biochemistry</i> , 1996 , 60, 211-7	4.7	33
74	Expression and localization of 92 kDa type IV collagenase/gelatinase B (MMP-9) in human gliomas. <i>Clinical and Experimental Metastasis</i> , 1996 , 14, 12-8	4.7	124
73	Expression and localization of 72 kDa type IV collagenase (MMP-2) in human malignant gliomas in vivo. <i>Clinical and Experimental Metastasis</i> , 1996 , 14, 35-42	4.7	155
72	Metalloproteinase activity secreted by fibrogenic cells in the processing of prolysin oxidase. Potential role of procollagen C-proteinase. <i>Journal of Biological Chemistry</i> , 1996 , 271, 7113-9	5.4	163
71	The role of metalloproteinases and their inhibitors in hematological disorders. <i>Critical Reviews in Oncogenesis</i> , 1996 , 7, 205-25	1.3	40
70	The Activation, Expression and Function of Gelatinase A (MMP-2).. <i>Trends in Glycoscience and Glycotechnology</i> , 1996 , 8, 23-36	0.1	8
69	TIMP-2 mediates cell surface binding of MMP-2. <i>Advances in Experimental Medicine and Biology</i> , 1996 , 389, 295-304	3.6	15
68	Expression of 72 kDa and 92 kDa type IV collagenases from human giant-cell tumor of bone. <i>Clinical and Experimental Metastasis</i> , 1995 , 13, 420-6	4.7	22

67	Expression of tissue inhibitors of metalloproteinases: negative regulators of human glioblastoma invasion in vivo. <i>Clinical and Experimental Metastasis</i> , 1995 , 13, 57-62	4.7	83
66	Tumor necrosis factor-alpha-induced gelatinase B causes delayed opening of the blood-brain barrier: an expanded therapeutic window. <i>Brain Research</i> , 1995 , 703, 151-5	3.7	239
65	Gelatinase A activity directly modulates melanoma cell adhesion and spreading.. <i>EMBO Journal</i> , 1995 , 14, 908-917	13	132
64	Tissue inhibitor of metalloproteinase-2 stimulates fibroblast proliferation via a cAMP-dependent mechanism. <i>Journal of Biological Chemistry</i> , 1995 , 270, 13453-9	5.4	137
63	Autolytic activation of recombinant human 72 kilodalton type IV collagenase. <i>Biochemistry</i> , 1995 , 34, 2819-25	3.2	74
62	Cell surface binding of TIMP-2 and pro-MMP-2/TIMP-2 complex. <i>FEBS Letters</i> , 1995 , 364, 28-32	3.8	86
61	Marked acceleration of the metastatic phenotype of a rat bladder carcinoma cell line by the expression of human gelatinase A. <i>International Journal of Cancer</i> , 1995 , 63, 568-75	7.5	54
60	Gelatinase A/TIMP-2 imbalance in lymph-node-positive breast carcinomas, as measured by RT-PCR. <i>International Journal of Cancer</i> , 1995 , 63, 621-6	7.5	57
59	Over-expression of tissue inhibitor of matrix metalloproteinases (TIMP1 and TIMP2) suppresses extravasation of pulmonary metastasis of a rat bladder carcinoma. <i>International Journal of Cancer</i> , 1995 , 63, 680-7	7.5	63
58	Regulation of matrix metalloproteinases during extracellular matrix turnover. <i>Advances in Experimental Medicine and Biology</i> , 1995 , 385, 151-9; discussion 179-84	3.6	23
57	Expression of 92 kD type IV collagenase/gelatinase B in human osteoclasts. <i>Journal of Bone and Mineral Research</i> , 1994 , 9, 549-56	6.3	102
56	TaqI polymorphism of the human tissue inhibitor of metallo-proteinases-2 (Timp2) gene. <i>Human Molecular Genetics</i> , 1994 , 3, 218	5.6	
55	Gelatinase-a/mmp-2 serum levels and neoplastic progression in breast-cancer patients. <i>International Journal of Oncology</i> , 1994 , 4, 551-4	1	2
54	Differentiation of cultured human melanoma cells induced by the aromatic fatty acids phenylacetate and phenylbutyrate. <i>Journal of Investigative Dermatology</i> , 1994 , 103, 335-40	4.3	45
53	Gelatinase A expression and localization in human breast cancers. An in situ hybridization study and immunohistochemical detection using confocal microscopy. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1994 , 424, 641-5	5.1	48
52	Role of plasminogen activator and of 92-KDa type IV collagenase in glioblastoma invasion using an in vitro matrigel model. <i>Journal of Neuro-Oncology</i> , 1994 , 18, 129-38	4.8	62
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