Veli-Matti KÃ¤hÃ¤ri

List of Publications by Year
in descending order

185 papers	15,223 citations	18436 62 h-index	19690 117 g-index
187 all docs	187 docs citations	187 times ranked	14849 citing authors

#	Article	IF	Citations
1	Regulation of matrix metalloproteinase expression in tumor invasion. FASEB Journal, 1999, 13, 781-792.	0.2	1,390
2	CIP2A Inhibits PP2A in Human Malignancies. Cell, 2007, 130, 51-62.	13.5	662
3	Matrix metalloproteinases in cancer: Prognostic markers and therapeutic targets. International Journal of Cancer, 2002, 99, 157-166.	2.3	547
4	Matrix metalloproteinases in skin. Experimental Dermatology, 1997, 6, 199-213.	1.4	516
5	Trendsin Molecular Medicine: Matrix metalloproteinases and their inhibitors in tumour growth and invasion. Annals of Medicine, 1999, 31, 34-45.	1.5	390
6	Matrix metalloproteinases in inflammation. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2571-2580.	1.1	344
7	Matrix metalloproteinases in tumor invasion. Cellular and Molecular Life Sciences, 2000, 57, 5-15.	2.4	295
8	MAPK/ERK Overrides the Apoptotic Signaling from Fas, TNF, and TRAIL Receptors. Journal of Biological Chemistry, 2001, 276, 16484-16490.	1.6	287
9	Collagenases in cancer. Biochimie, 2005, 87, 273-286.	1.3	277
10	Integrin Î±2Î²1 Is a Positive Regulator of Collagenase (MMP-1) and Collagen Î±1(I) Gene Expression. Journal of Biological Chemistry, 1995, 270, 13548-13552.	1.6	263
11	Collagenase-3 (MMP-13) is expressed by hypertrophic chondrocytes, periosteal cells, and osteoblasts during human fetal bone development. , 1997, 208, 387-397.		262
12	Matrix Metalloproteinases as Therapeutic Targets in Cancer. Current Cancer Drug Targets, 2005, 5, 203-220.	0.8	253
13	Induction of Collagenase-3 (MMP-13) Expression in Human Skin Fibroblasts by Three-dimensional Collagen Is Mediated by p38 Mitogen-activated Protein Kinase. Journal of Biological Chemistry, 1999, 274, 2446-2455.	1.6	248
14	Distinct Populations of Stromal Cells Express Collagenase-3 (MMP-13) and Collagenase-1 (MMP-1) in Chronic Ulcers but Not in Normally Healing Wounds. Journal of Investigative Dermatology, 1997, 109, 96-101.	0.3	233
15	Integrin Î±2Î²1 Mediates Isoform-Specific Activation of p38 and Upregulation of Collagen Gene Transcription by a Mechanism Involving the Î±2 Cytoplasmic Tail. Journal of Cell Biology, 1999, 147, 401-416.	2.3	206
16	Activation of p38Î± MAPK Enhances Collagenase-1 (Matrix Metalloproteinase (MMP)-1) and Stromelysin-1 (MMP-3) Expression by mRNA Stabilization. Journal of Biological Chemistry, 2002, 277, 32360-32368.	1.6	195
17	Transforming Growth Factor-Î² Induces Collagenase-3 Expression by Human Gingival Fibroblasts via p38 Mitogen-activated Protein Kinase. Journal of Biological Chemistry, 1999, 274, 37292-37300.	1.6	191
18	Enhancement of Fibroblast Collagenase (Matrix Metalloproteinase-1)Gene Expression by Ceramide Is Mediated by Extracellular Signal-regulated and Stress-activated Protein Kinase Pathways. Journal of Biological Chemistry, 1998, 273, 5137-5145.	1.6	184

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19	p38 Mitogen-Activated Protein Kinase-Dependent Activation of Protein Phosphatases 1 and 2A Inhibits MEK1 and MEK2 Activity and Collagenase 1 (MMP-1) Gene Expression. Molecular and Cellular Biology, 2001, 21, 2373-2383.	1.1	183
20	Transforming growth factorâ€Î² signaling in cancer invasion and metastasis. International Journal of Cancer, 2007, 121, 2119-2124.	2.3	179
21	Tumor necrosis factor-alpha and interferon-gamma suppress the activation of human type I collagen gene expression by transforming growth factor-beta 1. Evidence for two distinct mechanisms of inhibition at the transcriptional and posttranscriptional levels.. Journal of Clinical Investigation, 1990, 86, 1489-1495.	3.9	170
22	Regulation of Membrane-Type Matrix Metalloproteinase-1 Expression by Growth Factors and Phorbol 12-Myristate 13-Acetate. FEBS Journal, 1996, 239, 239-247.	0.2	167
23	Identification of Fibroblasts Responsible for Increased Collagen Production in Localized Scleroderma by In Situ Hybridization. Journal of Investigative Dermatology, 1988, 90, 664-670.	0.3	164
24	Integrin Î±2Î²1 Promotes Activation of Protein Phosphatase 2A and Dephosphorylation of Akt and Glycogen Synthase Kinase 3Î². Molecular and Cellular Biology, 2002, 22, 1352-1359.	1.1	164
25	Tissue inhibitor of metalloproteinases-3 induces apoptosis in melanoma cells by stabilization of death receptors. Oncogene, 2003, 22, 2121-2134.	2.6	162
26	High Serum Levels of Matrix Metalloproteinase-9 and Matrix Metalloproteinase-1 Are Associated with Rapid Progression in Patients with Metastatic Melanoma. Clinical Cancer Research, 2005, 11, 5158-5166.	3.2	161
27	Proteinases in cutaneous wound healing. Cellular and Molecular Life Sciences, 2009, 66, 203-224.	2.4	161
28	Human Collagenase-3 Is Expressed in Malignant Squamous Epithelium of the Skin. Journal of Investigative Dermatology, 1997, 109, 225-231.	0.3	150
29	European Dermatology Forum S1â€guideline on the diagnosis and treatment of sclerosing diseases of the skin, Part 1: localized scleroderma, systemic sclerosis and overlap syndromes. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 1401-1424.	1.3	148
30	Evaluation of Transforming Growth Factor Î² and Type I Procollagen Gene Expression in Fibrotic Skin Disease by In Situ Hybridization. Journal of Investigative Dermatology, 1990, 94, 365-371.	0.3	146
31	Differential regulation of interstitial collagenase (MMP-1) gene expression by ETS transcription factors. Oncogene, 1997, 14, 2651-2660.	2.6	136
32	EGF-R regulates MMP function in fibroblasts through MAPK and AP-1 pathways. Journal of Cellular Physiology, 2007, 212, 489-497.	2.0	133
33	p38Î± and p38Î´ mitogen-activated protein kinase isoforms regulate invasion and growth of head and neck squamous carcinoma cells. Oncogene, 2007, 26, 5267-5279.	2.6	122
34	Interleukin-1 increases collagen production and mRNA levels in cultured skin fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 1987, 929, 142-147.	1.9	119
35	Collagenase-3 (MMP-13) is Expressed by Tumor Cells in Invasive Vulvar Squamous Cell Carcinomas. American Journal of Pathology, 1999, 154, 469-480.	1.9	119
36	Senescence Sensitivity of Breast Cancer Cells Is Defined by Positive Feedback Loop between CIP2A and E2F1. Cancer Discovery, 2013, 3, 182-197.	7.7	117

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37	A Role for Decorin in the Structural Organization of Periodontal Ligament. Laboratory Investigation, 2000, 80, 1869-1880.	1.7	112
38	Smad3 and Extracellular Signal-Regulated Kinase 1/2 Coordinately Mediate Transforming Growth Factor-Î²-Induced Expression of Connective Tissue Growth Factor in Human Fibroblasts. Journal of Investigative Dermatology, 2005, 124, 1162-1169.	0.3	111
39	High expression levels of collagenase-1 and stromelysin-1 correlate with shorter disease-free survival in human metastatic melanoma. International Journal of Cancer, 2002, 97, 432-438.	2.3	108
40	Comparative Effects of Interleukin-1 and Tumor Necrosis Factor-Î± on Collagen Production and Corresponding Procollagen mRNA Levels in Human Dermal Fibroblasts. Journal of Investigative Dermatology, 1991, 96, 243-249.	0.3	104
41	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
42	Smad3 Mediates Transforming Growth Factor-Î²-induced Collagenase-3 (Matrix Metalloproteinase-13) Expression in Human Gingival Fibroblasts. Journal of Biological Chemistry, 2002, 277, 46338-46346.	1.6	93
43	Endothelial cellâ€“Matrix interactions. Microscopy Research and Technique, 2003, 60, 13-22.	1.2	92
44	Activation of Smad signaling enhances collagenase-3 (MMP-13) expression and invasion of head and neck squamous carcinoma cells. Oncogene, 2006, 25, 2588-2600.	2.6	89
45	Expression of Human Macrophage Metalloelastase (MMP-12) by Tumor Cells in Skin Cancer. Journal of Investigative Dermatology, 2000, 114, 1113-1119.	0.3	88
46	Metalloelastase (MMP-12) expression by tumour cells in squamous cell carcinoma of the vulva correlates with invasiveness, while that by macrophages predicts better outcome. Journal of Pathology, 2002, 198, 258-269.	2.1	88
47	Epidermal growth factor increases collagen production in granulation tissue by stimulation of fibroblast proliferation and not by activation of procollagen genes. Biochemical Journal, 1987, 247, 385-388.	1.7	87
48	MMP-13 Regulates Growth of Wound Granulation Tissue and Modulates Gene Expression Signatures Involved in Inflammation, Proteolysis, and Cell Viability. PLoS ONE, 2012, 7, e42596.	1.1	87
49	A metaphyseal defect model of the femur for studies of murine bone healing. Bone, 2001, 28, 423-429.	1.4	84
50	Isoform-Specific Regulation of the Actin-Organizing Protein Palladin during TGF-Î²1-Induced Myofibroblast Differentiation. Journal of Investigative Dermatology, 2006, 126, 2387-2396.	0.3	83
51	European dermatology forum S1â€guideline on the diagnosis and treatment of sclerosing diseases of the skin, Part 2: Scleromyxedema, scleredema and nephrogenic systemic fibrosis. Journal of the European Academy of Dermatology and Venereology, 2017, 31, 1581-1594.	1.3	79
52	Enhancement of fibroblast collagenase-1 (MMP-1) gene expression by tumor promoter okadaic acid is mediated by stress-activated protein kinases jun N-terminal kinase and p38. Matrix Biology, 1998, 17, 547-557.	1.5	78
53	Antitumor Activity and Bystander Effect of Adenovirally Delivered Tissue Inhibitor of Metalloproteinases-3. Molecular Therapy, 2002, 5, 705-715.	3.7	75
54	Coordinated regulation of type I and type III collagen production and mRNA levels of pro ?1(I) and pro ?2(I) collagen in cultured morphea fibroblasts. Archives of Dermatological Research, 1987, 279, 154-160.	1.1	73

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55	Expression of matrix metalloproteinase (MMP)-7 and MMP-13 and loss of MMP-19 and p16 are associated with malignant progression in chronic wounds. British Journal of Dermatology, 2005, 152, 720-726.	1.4	73
56	Complement Factor H: A Biomarker for Progression of Cutaneous Squamous Cell Carcinoma. Journal of Investigative Dermatology, 2014, 134, 498-506.	0.3	73
57	p38 Mitogen-activated protein kinase pathway suppresses cell survival by inducing dephosphorylation of mitogen-activated protein/extracellular signal-regulated kinase kinase1,2. Cancer Research, 2003, 63, 3473-7.	0.4	73
58	Targeted inhibition of human collagenase-3 (MMP-13) expression inhibits squamous cell carcinoma growth in vivo. Oncogene, 2004, 23, 5111-5123.	2.6	70
59	Requirements for Receptor Engagement during Infection by Adenovirus Complexed with Blood Coagulation Factor X. PLoS Pathogens, 2010, 6, e1001142.	2.1	70
60	Serpin Peptidase Inhibitor Clade A Member 1 (SerpinA1) Is a Novel Biomarker for Progression of Cutaneous Squamous Cell Carcinoma. American Journal of Pathology, 2011, 179, 1110-1119.	1.9	69
61	Complement Factor I Promotes Progression of Cutaneous Squamous Cell Carcinoma. Journal of Investigative Dermatology, 2015, 135, 579-588.	0.3	68
62	Increased type I collagen mRNA levels in cultured scleroderma fibroblasts. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1984, 781, 183-186.	2.4	66
63	Matrix metalloproteinase-7 activates heparin-binding epidermal growth factor-like growth factor in cutaneous squamous cell carcinoma. British Journal of Dermatology, 2010, 163, 726-735.	1.4	66
64	Interferon-Î± and interferon-Î³ reduce excessive collagen synthesis and procollagen mRNA levels of scleroderma fibroblasts in culture. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 968, 45-50.	1.9	64
65	Adenoviral delivery of p53 gene suppresses expression of collagenase-3 (MMP-13) in squamous carcinoma cells. Oncogene, 2002, 21, 1187-1195.	2.6	64
66	Suppression of TGF_{Î²}and Angiogenesis by Type VII Collagen in Cutaneous SCC. Journal of the National Cancer Institute, 2016, 108, djv293.	3.0	63
67	Complement Component C3 and Complement Factor B Promote Growth of Cutaneous Squamous Cell Carcinoma. American Journal of Pathology, 2017, 187, 1186-1197.	1.9	63
68	Activation of Tissue Inhibitor of Metalloproteinases-3 (TIMP-3) mRNA Expression in Scleroderma Skin Fibroblasts. Journal of Investigative Dermatology, 1998, 110, 416-421.	0.3	62
69	Accelerated Up-Regulation of L-Sox5, Sox6, and Sox9 by BMP-2 Gene Transfer During Murine Fracture Healing*. Journal of Bone and Mineral Research, 2001, 16, 1837-1845.	3.1	62
70	Long Noncoding RNA PICSAR Promotes Growth of Cutaneous Squamous Cell Carcinoma by Regulating ERK1/2 Activity. Journal of Investigative Dermatology, 2016, 136, 1701-1710.	0.3	61
71	New perspectives on role of tumor microenvironment in progression of cutaneous squamous cell carcinoma. Cell and Tissue Research, 2016, 365, 691-702.	1.5	60
72	Expression of human collagenase-3 (MMP-13) by fetal skin fibroblasts is induced by transforming growth factor Î² via p38 mitogen-activated protein kinase. FASEB Journal, 2001, 15, 1098-1100.	0.2	59

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73	Tumor cell-specific AIM2 regulates growth and invasion of cutaneous squamous cell carcinoma. Oncotarget, 2017, 8, 45825-45836.	0.8	59
74	Expression of collagenase-3 (matrix metalloproteinase-13) in transitional-cell carcinoma of the urinary bladder. International Journal of Cancer, 2000, 88, 417-423.	2.3	58
75	Matrix metalloproteinase-19 is expressed by proliferating epithelium but disappears with neoplastic dedifferentiation. International Journal of Cancer, 2003, 103, 709-716.	2.3	58
76	Scleroderma-like cutaneous syndromes. Current Rheumatology Reports, 2002, 4, 113-122.	2.1	57
77	Transformation-specific matrix metalloproteinases (MMP)-7 and MMP-13 are expressed by tumour cells in epidermolysis bullosa-associated squamous cell carcinomas. British Journal of Dermatology, 2008, 158, 778-785.	1.4	57
78	Elevated proÎ±2(I) collagen mRNA levels in cultured scleroderma fibroblasts result from an increased transcription rate of the corresponding gene. FEBS Letters, 1987, 215, 331-334.	1.3	56
79	Activation of Extracellular Signal-regulated Kinase 1/2 Inhibits Type I Collagen Expression by Human Skin Fibroblasts. Journal of Biological Chemistry, 2000, 275, 34634-34639.	1.6	55
80	Oncolytic Capacity of Attenuated Replicative Semliki Forest Virus in Human Melanoma Xenografts in Severe Combined Immunodeficient Mice. Cancer Research, 2006, 66, 7185-7194.	0.4	55
81	TGF-Î²-Elicited Induction of Tissue Inhibitor of Metalloproteinases (TIMP)-3 Expression in Fibroblasts Involves Complex Interplay between Smad3, p38Î±, and ERK1/2. PLoS ONE, 2013, 8, e57474.	1.1	55
82	Activation of Dermal Connective Tissue in Scleroderma. Annals of Medicine, 1993, 25, 511-518.	1.5	54
83	Inhibition of collagenase-3 (MMP-13) expression in transformed human keratinocytes by interferon-Î³ is associated with activation of extracellular signal-regulated kinase-1,2 and STAT1. Oncogene, 2000, 19, 248-257.	2.6	54
84	Matrix Metalloproteinase-13 Promotes Recovery from Experimental Liver Cirrhosis in Rats. Pathobiology, 2011, 78, 239-252.	1.9	54
85	Human Granulation-tissue Fibroblasts Show Enhanced Proteoglycan Gene Expression and Altered Response to TGF-Î²1. Journal of Dental Research, 1996, 75, 1767-1778.	2.5	53
86	Transforming growth factor-Â-induced alpha-smooth muscle cell actin expression in renal proximal tubular cells is regulated by p38Â mitogen-activated protein kinase, extracellular signal-regulated protein kinase1,2 and the Smad signalling during epithelial-myofibroblast transdifferentiation. Nephrology Dialysis Transplantation, 2008, 23, 1537-1545.	0.4	52
87	Collagenase-3 (MMP-13) Enhances Remodeling of Three-Dimensional Collagen and Promotes Survival of Human Skin Fibroblasts. Journal of Investigative Dermatology, 2007, 127, 49-59.	0.3	51
88	Matrix Metalloproteinase-19 Expression in Dermal Wounds and by Fibroblasts in Culture. Journal of Investigative Dermatology, 2003, 121, 997-1004.	0.3	50
89	Hypoxia-activated Smad3-specific Dephosphorylation by PP2A. Journal of Biological Chemistry, 2010, 285, 3740-3749.	1.6	49
90	Human TIMP-3 Is Expressed During Fetal Development, Hair Growth Cycle, and Cancer Progression. Journal of Histochemistry and Cytochemistry, 1998, 46, 437-447.	1.3	48

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91	Association between high collagenase-3 expression levels and poor prognosis in patients with head and neck cancer. Head and Neck, 2006, 28, 225-234.	0.9	48
92	EphB2 Promotes Progression of Cutaneous Squamous Cell Carcinoma. Journal of Investigative Dermatology, 2015, 135, 1882-1892.	0.3	48
93	Î±V integrin promotesin vitro andin vivo survival of cells in metastatic melanoma. International Journal of Cancer, 2004, 112, 61-70.	2.3	47
94	Human recombinant interleukin-1 regulates cellular mRNA levels of dermatan sulphate proteoglycan core protein. Biochemical Journal, 1988, 252, 309-312.	1.7	45
95	Expression and activity of matrix metalloproteinase-2 and -9 in experimental granulation tissueNote. Apmis, 2000, 108, 318-328.	0.9	45
96	Expression of collagenase-3 (MMP-13) enhances invasion of human fibrosarcoma HT-1080 cells. International Journal of Cancer, 2002, 97, 283-289.	2.3	44
97	Differential Regulation of Decorin and Biglycan Gene Expression by Dexamethasone and Retinoic Acid in Cultured Human Skin Fibroblasts. Journal of Investigative Dermatology, 1995, 104, 503-508.	0.3	43
98	Regulation of Elastin Gene Expression: Evidence for Functional Promoter Activity in the 5â€²-Flanking Region of the Human Gene. Journal of Investigative Dermatology, 1990, 94, 191-196.	0.3	42
99	Regulation of Elastin Gene Expression. Annals of the New York Academy of Sciences, 1991, 624, 116-136.	1.8	42
100	Molecular biology and pathology of human elastin. Biochemical Society Transactions, 1991, 19, 824-829.	1.6	40
101	Tumourâ€cellâ€derived complement components C1r and C1s promote growth of cutaneous squamous cell carcinoma. British Journal of Dermatology, 2020, 182, 658-670.	1.4	40
102	Characterization of One Phenotype of Human Periodontal Granulation-tissue Fibroblasts. Journal of Dental Research, 1989, 68, 20-25.	2.5	39
103	MicroRNA-203 Inversely Correlates with Differentiation Grade, Targets c-MYC, and Functions as a Tumor Suppressor in cSCC. Journal of Investigative Dermatology, 2016, 136, 2485-2494.	0.3	39
104	Differential Regulation of the AP-1 Family Members by UV Irradiation In Vitro and In Vivo. Cellular Signalling, 1998, 10, 191-195.	1.7	38
105	Squamous cell carcinoma of the skin: Emerging need for novel biomarkers. World Journal of Clinical Oncology, 2013, 4, 85.	0.9	37
106	Collagen synthesis in the vaginal connective tissue of patients with and without uterine prolapse. European Journal of Obstetrics, Gynecology and Reproductive Biology, 1987, 24, 319-325.	0.5	33
107	Efficient infection of tumor endothelial cells by a capsid-modified adenovirus. Gene Therapy, 2006, 13, 52-59.	2.3	33
108	Matrix metalloproteinase (MMP)-1, -9 and -13 as prognostic factors in salivary gland cancer. Acta Oto-Laryngologica, 2008, 128, 482-490.	0.3	33

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109	CCHCR1 Is Up-Regulated in Skin Cancer and Associated with EGFR Expression. PLoS ONE, 2009, 4, e6030.	1.1	33
110	Protodynamic Intracellular Acidification by cis-Urocanic Acid Promotes Apoptosis of Melanoma Cells In Vitro and In Vivo. Journal of Investigative Dermatology, 2010, 130, 2431-2439.	0.3	33
111	p53-Regulated Long Noncoding RNA PRECSIT Promotes Progression of Cutaneous Squamous Cell Carcinoma via STAT3 Signaling. American Journal of Pathology, 2020, 190, 503-517.	1.9	33
112	Collagenase-1, stromelysin-1 and 92 kDa gelatinase are associated with tumor necrosis factor-Î± induced morphological change of human endothelial cells in Vitro. Matrix Biology, 1998, 17, 293-304.	1.5	32
113	Hypoxic Conversion of SMAD7 Function from an Inhibitor into a Promoter of Cell Invasion. Cancer Research, 2010, 70, 5984-5993.	0.4	32
114	Significant Role of Collagen XVII And Integrin Î²4 in Migration and Invasion of The Less Aggressive Squamous Cell Carcinoma Cells. Scientific Reports, 2017, 7, 45057.	1.6	32
115	Serum VEGF-C is associated with metastatic site in patients with malignant melanoma. Acta OncolÃ³gica, 2007, 46, 678-684.	0.8	31
116	TIMPâ€3 promotes apoptosis in nonadherent small cell lung carcinoma cells lacking functional death receptor pathway. International Journal of Cancer, 2011, 128, 991-996.	2.3	31
117	Long non-coding RNA PICSAR decreases adhesion and promotes migration of squamous carcinoma cells by downregulating Î±2Î²1 and Î±5Î²1 integrin expression. Biology Open, 2018, 7, .	0.6	31
118	Matrix metalloproteinase (MMP)-7 in salivary gland cancer. Acta OncolÃ³gica, 2010, 49, 85-90.	0.8	30
119	Collagens XV and XVIII show different expression and localisation in cutaneous squamous cell carcinoma: type XV appears in tumor stroma, while XVIII becomes upregulated in tumor cells and lost from microvessels. Experimental Dermatology, 2016, 25, 348-354.	1.4	30
120	Epidermal growth factor (EGF) prevents methylprednisolone-induced inhibition of wound healing. Journal of Surgical Research, 1989, 47, 354-359.	0.8	28
121	The Role of p53 in Progression of Cutaneous Squamous Cell Carcinoma. Cancers, 2021, 13, 4507.	1.7	28
122	Fibroblast Activation in Scleroderma. Scandinavian Journal of Rheumatology, 1984, 13, 229-237.	0.6	27
123	Expression of matrix metalloproteinases and tissue inhibitors of metalloproteinases in human chondrosarcomasNote. Apmis, 2001, 109, 305-315.	0.9	27
124	Potential Applications of Tissue Inhibitor of Metalloproteinase (TIMP) Overexpression For Cancer Gene Therapy. Advances in Experimental Medicine and Biology, 2002, 465, 469-483.	0.8	26
125	Collagen Turnover in Wound Repairâ€“â€“A Macrophage Connection. Journal of Investigative Dermatology, 2015, 135, 2350-2352.	0.3	26
126	Complement System in Cutaneous Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2019, 20, 3550.	1.8	26

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127	Induction of periosteal callus formation by bone morphogenetic protein-2 employing adenovirus-mediated gene delivery. Matrix Biology, 2001, 20, 123-127.	1.5	25
128	Dexamethasone Suppresses Elastin Gene Expression in Human Skin Fibroblasts in Culture. Biochemical and Biophysical Research Communications, 1994, 201, 1189-1196.	1.0	24
129	High collagenase-1 expression correlates with a favourable chemoimmunotherapy response in human metastatic melanoma. Melanoma Research, 2001, 11, 157-166.	0.6	24
130	Keratinocyte Growth Factor Induces Gene Expression Signature Associated with Suppression of Malignant Phenotype of Cutaneous Squamous Carcinoma Cells. PLoS ONE, 2012, 7, e33041.	1.1	24
131	Cyclosporin A Enhances Cytokine and Phorbol Ester-Induced Fibroblast Collagenase Expression. Journal of Investigative Dermatology, 1994, 102, 938-944.	0.3	23
132	TNF-R55-Specific Form of Human Tumor Necrosis Factor-Î± Induces Collagenase Gene Expression By Human Skin Fibroblasts. Journal of Investigative Dermatology, 1995, 105, 197-202.	0.3	23
133	High-efficiency gene transfer to primary T lymphocytes by recombinant adenovirus vectors. Journal of Immunological Methods, 2002, 260, 79-89.	0.6	23
134	H-Ras activation and fibroblast-induced TGF-Î² signaling promote laminin-332 accumulation and invasion in cutaneous squamous cell carcinoma. Matrix Biology, 2020, 87, 26-47.	1.5	23
135	Matrix metalloproteinases in keratinocyte carcinomas. Experimental Dermatology, 2021, 30, 50-61.	1.4	23
136	Risk Factors and Prognosis for Metastatic Cutaneous Squamous Cell Carcinoma: A Cohort Study. Acta Dermato-Venereologica, 2020, 100, adv00266.	0.6	23
137	Adenovirus mediated intra-articular expression of collagenase-3 (MMP-13) induces inflammatory arthritis in mice. Annals of the Rheumatic Diseases, 2004, 63, 656-664.	0.5	22
138	Transcription of Î±2 Integrin Gene in Osteosarcoma Cells Is Enhanced by Tumor Promoters. Experimental Cell Research, 1998, 243, 1-10.	1.2	20
139	Expression of matrix metalloproteinaseâ€1, â€7, â€9, â€13, Kiâ€67, and HERâ€2 in epithelialâ€myoepithelial salivary gland cancer. Head and Neck, 2010, 32, 1019-1027.	0.9	20
140	Dasatinib promotes apoptosis of cutaneous squamous carcinoma cells by regulating activation of ERK1/2. Experimental Dermatology, 2017, 26, 89-92.	1.4	20
141	C1r Upregulates Production of Matrix Metalloproteinase-13 and Promotes Invasion of Cutaneous Squamous Cell Carcinoma. Journal of Investigative Dermatology, 2022, 142, 1478-1488.e9.	0.3	19
142	Activation of extracellular signal-regulated protein kinase1,2 results in down-regulation of decorin expression in fibroblasts. Biochemical Journal, 2000, 349, 19-25.	1.7	18
143	p38Î´ mitogen-activated protein kinase regulates the expression of tight junction protein ZO-1 in differentiating human epidermal keratinocytes. Archives of Dermatological Research, 2014, 306, 131-141.	1.1	18
144	Gene expression of fibroblast matrix proteins is altered by indomethacin. FEBS Letters, 1988, 231, 125-129.	1.3	17

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145	Extended release of adenovirus from silica implants in vitro and in vivo. Gene Therapy, 2009, 16, 103-110.	2.3	17
146	Eosinophilic fasciitis. Increased collagen production and type I procollagen messenger RNA levels in fibroblasts cultured from involved skin. Archives of Dermatology, 1990, 126, 613-617.	1.7	17
147	Leukoregulin, A T-cell derived cytokine, upregulates stromelysin-1 gene expression in human dermal fibroblasts: Evidence for the role of AP-1 in transcriptional activiation. Journal of Cellular Biochemistry, 1992, 50, 53-61.	1.2	16
148	Transcriptional targeting of adenoviral gene delivery into migrating wound keratinocytes using FiRE, a growth factor-inducible regulatory element. Gene Therapy, 2000, 7, 1640-1647.	2.3	15
149	Human Nidogen Gene: Structural and Functional Characterization of the 5'-Flanking Region. Journal of Investigative Dermatology, 1991, 97, 281-285.	0.3	14
150	New prognostic factors and developing therapy of cutaneous melanoma. Annals of Medicine, 2003, 35, 66-78.	1.5	14
151	Activation of extracellular signal-regulated protein kinase1,2 results in down-regulation of decorin expression in fibroblasts. Biochemical Journal, 2000, 349, 19.	1.7	13
152	Expression of extracellular matrix genes: transforming growth factor (TGF)-Î²1 and ras in tibial fracture healing of lathyritic rats. Bone, 2000, 27, 551-557.	1.4	13
153	Temporospatial expression of matrix metalloproteinases and tissue inhibitors of matrix metalloproteinases in mouse antigen-induced arthritis. Histochemistry and Cell Biology, 2005, 124, 535-545.	0.8	12
154	Expression of claudinâ€11 by tumor cells in cutaneous squamous cell carcinoma is dependent on the activity of p38Î´. Experimental Dermatology, 2017, 26, 771-777.	1.4	12
155	Long non-coding RNAs in cutaneous biologyÂand keratinocyte carcinomas. Cellular and Molecular Life Sciences, 2020, 77, 4601-4614.	2.4	12
156	Discovery of a Novel CIP2A Variant (NOCIVA) with Clinical Relevance in Predicting TKI Resistance in Myeloid Leukemias. Clinical Cancer Research, 2021, 27, 2848-2860.	3.2	11
157	Signaling pathways in human osteoclasts differentiation: ERK1/2 as a key player. Molecular Biology Reports, 2021, 48, 1243-1254.	1.0	11
158	Identification of metastatic primary cutaneous squamous cell carcinoma utilizing artificial intelligence analysis of whole slide images. Scientific Reports, 2022, 12, .	1.6	11
159	Inhibition of c-Abl Kinase Activity Renders Cancer Cells Highly Sensitive to Mitoxantrone. PLoS ONE, 2014, 9, e105526.	1.1	10
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