

Manuel Koch

List of Publications by Year in descending order

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159
papers

9,583
citations

31976

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48315

88
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173
all docs

173
docs citations

173
times ranked

13918
citing authors

#	ARTICLE	IF	CITATIONS
1	Collagen XII Regulates Corneal Stromal Structure by Modulating Transforming Growth Factor- β Activity. American Journal of Pathology, 2022, 192, 308-319.	3.8	10
2	The proteomic profile of the human myotendinous junction. IScience, 2022, 25, 103836.	4.1	13
3	Ehlers-Danlos/myopathy overlap syndrome caused by a large de novo deletion in COL12A1. American Journal of Medical Genetics, Part A, 2022, 188, 1556-1561.	1.2	3
4	Discovery of ultrapotent broadly neutralizing antibodies from SARS-CoV-2 elite neutralizers. Cell Host and Microbe, 2022, 30, 69-82.e10.	11.0	42
5	No substantial preexisting B cell immunity against SARS-CoV-2 in healthy adults. IScience, 2022, 25, 103951.	4.1	8
6	Modulating tenascin-C functions by targeting the Matrix REgulating MOtif, "MAREMO". Matrix Biology, 2022, 108, 20-38.	3.6	5
7	LTBP1 promotes fibrillin incorporation into the extracellular matrix. Matrix Biology, 2022, 110, 60-75.	3.6	5
8	Generation of Matrix Degradation Products Using an In Vitro MMP Cleavage Assay. International Journal of Molecular Sciences, 2022, 23, 6245.	4.1	2
9	Spleen tyrosine kinase mediates innate and adaptive immune crosstalk in SARS-CoV-2 mRNA vaccination. EMBO Molecular Medicine, 2022, 14, .	6.9	7
10	Inflammation of the Human Dental Pulp Induces Phosphorylation of eNOS at Thr495 in Blood Vessels. Biomedicines, 2022, 10, 1586.	3.2	3
11	Collagen XII mediated cellular and extracellular mechanisms regulate establishment of tendon structure and function. Matrix Biology, 2021, 95, 52-67.	3.6	35
12	Adipocytes are present at human and murine myotendinous junctions. Translational Sports Medicine, 2021, 4, 223-230.	1.1	3
13	Basement membrane stiffness determines metastases formation. Nature Materials, 2021, 20, 892-903.	27.5	94
14	A new MMP-mediated prodomain cleavage mechanism to activate bone morphogenetic proteins from the extracellular matrix. FASEB Journal, 2021, 35, e21353.	0.5	10
15	Evaluation of a New Spike (S)-Protein-Based Commercial Immunoassay for the Detection of Anti-SARS-CoV-2 IgG. Microorganisms, 2021, 9, 733.	3.6	22
16	Analysis of IgM, IgA, and IgG isotype antibodies Directed against SARS-CoV-2 spike glycoprotein and ORF8 in the course of COVID-19. Scientific Reports, 2021, 11, 8920.	3.3	15
17	Long-lived macrophage reprogramming drives spike protein-mediated inflammasome activation in COVID-19. EMBO Molecular Medicine, 2021, 13, e14150.	6.9	98
18	Caldesmon ablation in mice causes umbilical herniation and alters contractility of fetal urinary bladder smooth muscle. Journal of General Physiology, 2021, 153, .	1.9	7

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19	Niche stiffening compromises hair follicle stem cell potential during ageing by reducing bivalent promoter accessibility. <i>Nature Cell Biology</i> , 2021, 23, 771-781.	10.3	51
20	Intranasal Administration of a Monoclonal Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. <i>Viruses</i> , 2021, 13, 1498.	3.3	33
21	Homogenous overexpression of the extracellular matrix protein Netrin-1 in a hollow fiber bioreactor. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 6047-6057.	3.6	9
22	Collagen XII Deficiency Increases the Risk of Anterior Cruciate Ligament Injury in Mice. <i>Journal of Clinical Medicine</i> , 2021, 10, 4051.	2.4	3
23	RNA sequencing and immunofluorescence of the myotendinous junction of mature horses and humans. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C453-C470.	4.6	6
24	Collagen XIV Is an Intrinsic Regulator of Corneal Stromal Structure and Function. <i>American Journal of Pathology</i> , 2021, 191, 2184-2194.	3.8	8
25	Viral Glycoproteins Induce NLRP3 Inflammasome Activation and Pyroptosis in Macrophages. <i>Viruses</i> , 2021, 13, 2076.	3.3	22
26	Decreased Trabecular Bone Mass in Col22a1-Deficient Mice. <i>Cells</i> , 2021, 10, 3020.	4.1	5
27	Extracellular Matrix Remodeling by Fibroblast-MMP14 Regulates Melanoma Growth. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12276.	4.1	13
28	Role of collagen XII in skin homeostasis and repair. <i>Matrix Biology</i> , 2020, 94, 57-76.	3.6	30
29	Longitudinal Isolation of Potent Near-Germline SARS-CoV-2-Neutralizing Antibodies from COVID-19 Patients. <i>Cell</i> , 2020, 182, 843-854.e12.	28.9	310
30	Tenascin-C Orchestrates an Immune-Suppressive Tumor Microenvironment in Oral Squamous Cell Carcinoma. <i>Cancer Immunology Research</i> , 2020, 8, 1122-1138.	3.4	40
31	EMILIN proteins are novel extracellular constituents of the dentin-pulp complex. <i>Scientific Reports</i> , 2020, 10, 15320.	3.3	7
32	New specific HSP47 functions in collagen subfamily chaperoning. <i>FASEB Journal</i> , 2020, 34, 12040-12052.	0.5	16
33	Topical VEGF-C/D Inhibition Prevents Lymphatic Vessel Ingrowth into Cornea but Does Not Improve Corneal Graft Survival. <i>Journal of Clinical Medicine</i> , 2020, 9, 1270.	2.4	8
34	Collagen XII Is a Regulator of Corneal Stroma Structure and Function. , 2020, 61, 61.		21
35	Netrin-1 promotes naive pluripotency through Neo1 and Unc5b co-regulation of Wnt and MAPK signalling. <i>Nature Cell Biology</i> , 2020, 22, 389-400.	10.3	24
36	Affinity-Enhanced Multimeric VEGF (Vascular Endothelial Growth Factor) and PlGF (Placental Growth) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Hypertension, 2020, 76, 1176-1184.	2.7	14

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37	Smart Hydrogels for the Augmentation of Bone Regeneration by Endogenous Mesenchymal Progenitor Cell Recruitment. <i>Advanced Science</i> , 2020, 7, 1903395.	11.2	46
38	Pivotal Role of Tenascin-W (-N) in Postnatal Incisor Growth and Periodontal Ligament Remodeling. <i>Frontiers in Immunology</i> , 2020, 11, 608223.	4.8	13
39	Rapid SARS-CoV-2 testing in primary material based on a novel multiplex RT-LAMP assay. <i>PLoS ONE</i> , 2020, 15, e0238612.	2.5	58
40	Epithelial loss of mitochondrial oxidative phosphorylation leads to disturbed enamel and impaired dentin matrix formation in postnatal developed mouse incisor. <i>Scientific Reports</i> , 2020, 10, 22037.	3.3	2
41	Gene Expression Profiling of the Extracellular Matrix Signature in Macrophages of Different Activation Status: Relevance for Skin Wound Healing. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5086.	4.1	43
42	Dominant collagen XII mutations cause a distal myopathy. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1980-1988.	3.7	24
43	Decellularization and antibody staining of mouse tissues to map native extracellular matrix structures in 3D. <i>Nature Protocols</i> , 2019, 14, 3395-3425.	12.0	55
44	Lgr5 and Col22a1 Mark Progenitor Cells in the Lineage toward Juvenile Articular Chondrocytes. <i>Stem Cell Reports</i> , 2019, 13, 713-729.	4.8	35
45	Solution Structure of <i>C. elegans</i> UNC-6: A Nematode Parologue of the Axon Guidance Protein Netrin-1. <i>Biophysical Journal</i> , 2019, 116, 2121-2130.	0.5	8
46	Local VEGF-A blockade modulates the microenvironment of the corneal graft bed. <i>American Journal of Transplantation</i> , 2019, 19, 2446-2456.	4.7	19
47	AMD-Associated HTRA1 Variants Do Not Influence TGF- β 2 Signaling in Microglia. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1185, 3-7.	1.6	3
48	Remodeling of muscle fibers approaching the human myotendinous junction. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1859-1865.	2.9	25
49	Microfluidic Devices for Studying the Effect of Netrin-1 on Neutrophil and Breast Cancer Cell Migration. <i>Advanced Biology</i> , 2018, 2, 1700178.	3.0	3
50	The cartilage-specific lectin C-type lectin domain family 3 member A (CLEC3A) enhances tissue plasminogen activator-mediated plasminogen activation. <i>Journal of Biological Chemistry</i> , 2018, 293, 203-214.	3.4	19
51	Identification of a myofibroblast-specific expression signature in skin wounds. <i>Matrix Biology</i> , 2018, 65, 59-74.	3.6	57
52	COMP and TSP-4 interact specifically with the novel GXKGHR motif only found in fibrillar collagens. <i>Scientific Reports</i> , 2018, 8, 17187.	3.3	13
53	Molecular diagnosis of anti-laminin 332 (epiligrin) mucous membrane pemphigoid. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 111.	2.7	23
54	Odd skipped-related 1 identifies a population of embryonic fibro-adipogenic progenitors regulating myogenesis during limb development. <i>Nature Communications</i> , 2017, 8, 1218.	12.8	95

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55	Composition and adaptation of human myotendinous junction and neighboring muscle fibers to heavy resistance training. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 1547-1559.	2.9	48
56	Maltose-Binding Protein (MBP), a Secretion-Enhancing Tag for Mammalian Protein Expression Systems. <i>PLoS ONE</i> , 2016, 11, e0152386.	2.5	46
57	Structural decoding of netrin-4 reveals a regulatory function towards mature basement membranes. <i>Nature Communications</i> , 2016, 7, 13515.	12.8	74
58	Autoimmunity against laminins. <i>Clinical Immunology</i> , 2016, 170, 39-52.	3.2	13
59	Collagens VI and XII form complexes mediating osteoblast interactions during osteogenesis. <i>Cell and Tissue Research</i> , 2016, 364, 623-635.	2.9	44
60	Structural Decoding of the Netrin-1/UNC5 Interaction and its Therapeutical Implications in Cancers. <i>Cancer Cell</i> , 2016, 29, 173-185.	16.8	80
61	Biophysical analysis of a lethal laminin alpha-1 mutation reveals altered self-interaction. <i>Matrix Biology</i> , 2016, 49, 93-105.	3.6	8
62	Lack of netrin-4 modulates pathologic neovascularization in the eye. <i>Scientific Reports</i> , 2016, 6, 18828.	3.3	20
63	Modified amelogenin is a new and versatile nanomaterial for biomedical applications. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1708-1713.	3.3	5
64	Locally controlling mesenchymal stem cell morphogenesis by 3D PDGF-BB gradients towards the establishment of an in vitro perivascular niche. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 101-111.	1.3	35
65	Collagen XXII binds to collagen-binding integrins via the novel motifs GLQGER and GFKGER. <i>Biochemical Journal</i> , 2014, 459, 217-227.	3.7	26
66	Recessive and dominant mutations in COL12A1 cause a novel EDS/myopathy overlap syndrome in humans and mice. <i>Human Molecular Genetics</i> , 2014, 23, 2339-2352.	2.9	107
67	Mutations in the collagen XII gene define a new form of extracellular matrix-related myopathy. <i>Human Molecular Genetics</i> , 2014, 23, 2353-2363.	2.9	79
68	Structural elucidation of full-length nidogen and the laminin-nidogen complex in solution. <i>Matrix Biology</i> , 2014, 33, 60-67.	3.6	32
69	Ultraviolet-radiation-induced inflammation promotes angiotropism and metastasis in melanoma. <i>Nature</i> , 2014, 507, 109-113.	27.8	547
70	Ex Vivo Pathogenicity of Anti-Laminin β 1 Autoantibodies. <i>American Journal of Pathology</i> , 2014, 184, 494-506.	3.8	20
71	Collagen XII: Protecting bone and muscle integrity by organizing collagen fibrils. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 51-54.	2.8	127
72	Analysis of the cartilage proteome from three different mouse models of genetic skeletal diseases reveals common and discrete disease signatures. <i>Biology Open</i> , 2013, 2, 802-811.	1.2	12

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73	Knockdown of <i>col22a1</i> gene in zebrafish induces a muscular dystrophy by disruption of the myotendinous junction. <i>Development (Cambridge)</i> , 2013, 140, 4602-4613.	2.5	100
74	Abnormal Corneal Endothelial Maturation in Collagen XII and XIV Null Mice. , 2013, 54, 3297.		38
75	Comparative Proteomic Analysis of Normal and Collagen IX Null Mouse Cartilage Reveals Altered Extracellular Matrix Composition and Novel Components of the Collagen IX Interactome. <i>Journal of Biological Chemistry</i> , 2013, 288, 13481-13492.	3.4	46
76	Zebrafish Collagen XIV Is Transiently Expressed in Epithelia and Is Required for Proper Function of Certain Basement Membranes. <i>Journal of Biological Chemistry</i> , 2013, 288, 6777-6787.	3.4	26
77	Proteolytic Processing Regulates Placental Growth Factor Activities. <i>Journal of Biological Chemistry</i> , 2013, 288, 17976-17989.	3.4	16
78	NC1 Long and NC3 Short Splice Variants of Type XII Collagen Are Overexpressed during Corneal Scarring. , 2012, 53, 7246.		25
79	Identification of a Novel Vasoconstrictor Peptide Specific for the Systemic Circulation. <i>Hypertension</i> , 2012, 59, 1256-1262.	2.7	8
80	The Epidermal Basement Membrane Is a Composite of Separate Laminin- or Collagen IV-containing Networks Connected by Aggregated Perlecan, but Not by Nidogens. <i>Journal of Biological Chemistry</i> , 2012, 287, 18700-18709.	3.4	144
81	Posttraumatic stress disorder (PTSD) in the German Armed Forces: a retrospective study in inpatients of a German army hospital. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2012, 262, 459-467.	3.2	23
82	Collagen XIV is important for growth and structural integrity of the myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 626-638.	1.9	60
83	Effect of the Topical Use of the Antioxidant Taurine on the Two Basement Membrane Proteins of Regenerating Oral Gingival Epithelium. <i>Journal of Periodontology</i> , 2012, 83, 127-134.	3.4	19
84	Collagen XII and XIV, New Partners of Cartilage Oligomeric Matrix Protein in the Skin Extracellular Matrix Suprastructure. <i>Journal of Biological Chemistry</i> , 2012, 287, 22549-22559.	3.4	114
85	Determination of a molecular shape for netrin-4 from hydrodynamic and small angle X-ray scattering measurements. <i>Matrix Biology</i> , 2012, 31, 135-140.	3.6	20
86	The Î³3 chain of laminin is widely but differentially expressed in murine basement membranes: Expression and functional studies. <i>Matrix Biology</i> , 2012, 31, 120-134.	3.6	29
87	The expression and function of netrin-4 in murine ocular tissues. <i>Experimental Eye Research</i> , 2012, 96, 24-35.	2.6	32
88	Loss of epidermal MMP-14 expression interferes with angiogenesis but not with re-epithelialization. <i>European Journal of Cell Biology</i> , 2012, 91, 748-756.	3.6	34
89	Probing the Functional Equivalence of Otoferlin and Synaptotagmin 1 in Exocytosis. <i>Journal of Neuroscience</i> , 2011, 31, 4886-4895.	3.6	94
90	SMOC1 is a tenascin-C interacting protein over-expressed in brain tumors. <i>Matrix Biology</i> , 2011, 30, 225-233.	3.6	49

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91	Endothelium-Derived Netrin-4 Supports Pancreatic Epithelial Cell Adhesion and Differentiation through Integrins $\alpha 2 \beta 1$ and $\alpha 3 \beta 1$. PLoS ONE, 2011, 6, e22750.	2.5	39
92	CD36-mediated activation of endothelial cell apoptosis by an N-terminal recombinant fragment of thrombospondin-2 inhibits breast cancer growth and metastasis in vivo. Breast Cancer Research and Treatment, 2011, 128, 337-346.	2.5	74
93	Collagen XXIII, Novel Ligand for Integrin $\alpha 2 \beta 1$ in the Epidermis. Journal of Biological Chemistry, 2011, 286, 27804-27813.	3.4	39
94	Basement Membrane Deposition of Nidogen 1 but Not Nidogen 2 Requires the Nidogen Binding Module of the Laminin $\beta 1$ Chain. Journal of Biological Chemistry, 2011, 286, 1911-1918.	3.4	14
95	Laminin-332 coordinates mechanotransduction and growth cone bifurcation in sensory neurons. Nature Neuroscience, 2011, 14, 993-1000.	14.8	66
96	Type XII collagen regulates osteoblast polarity and communication during bone formation. Journal of Cell Biology, 2011, 193, 1115-1130.	5.2	113
97	Type XII collagen regulates osteoblast polarity and communication during bone formation. Journal of Experimental Medicine, 2011, 208, i19-i19.	8.5	0
98	The initiation of embryonic-like collagen fibrillogenesis by adult human tendon fibroblasts when cultured under tension. Biomaterials, 2010, 31, 4889-4897.	11.4	81
99	Integrin $\alpha 3$ subunit regulates events linked to epithelial repair, including keratinocyte migration and protein expression. Wound Repair and Regeneration, 2010, 18, 325-334.	3.0	27
100	Evidence for a protein tether involved in somatic touch. EMBO Journal, 2010, 29, 855-867.	7.8	84
101	Defective Formation of the Inner Limiting Membrane in Laminin $\beta 2$ - and $\beta 3$ -Null Mice Produces Retinal Dysplasia. , 2010, 51, 1773.		60
102	Autocrine Transforming Growth Factor- $\beta 1$ Activation Mediated by Integrin $\alpha V \beta 3$ Regulates Transcriptional Expression of Laminin-332 in Madin-Darby Canine Kidney Epithelial Cells. Molecular Biology of the Cell, 2010, 21, 3654-3668.	2.1	28
103	Differential Proteomic Analysis Distinguishes Tissue Repair Biomarker Signatures in Wound Exudates Obtained from Normal Healing and Chronic Wounds. Journal of Proteome Research, 2010, 9, 4758-4766.	3.7	203
104	Nano-structure of the laminin $\beta 1$ short arm reveals an extended and curved multidomain assembly. Matrix Biology, 2010, 29, 565-572.	3.6	34
105	Collagen XXIV null mice have osteoporotic bones. FASEB Journal, 2010, 24, 638.1.	0.5	0
106	Type XIV Collagen Regulates Fibrillogenesis. Journal of Biological Chemistry, 2009, 284, 8427-8438.	3.4	161
107	Zebrafish collagen XII is present in embryonic connective tissue sheaths (fascia) and basement membranes. Matrix Biology, 2009, 28, 32-43.	3.6	58
108	Analysis of obstetric complications and uterine connective tissue in tenascin-X-deficient humans and mice. Cell and Tissue Research, 2008, 332, 523-532.	2.9	25

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109	Temporal and spatial expression of collagens during murine atrioventricular heart valve development and maintenance. <i>Developmental Dynamics</i> , 2008, 237, 3051-3058.	1.8	53
110	Making recombinant extracellular matrix proteins. <i>Methods</i> , 2008, 45, 75-85.	3.8	45
111	Collagen XXIV (Col24a1) Gene Expression is a Specific Marker of Osteoblast Differentiation and Bone Formation. <i>Connective Tissue Research</i> , 2008, 49, 68-75.	2.3	40
112	Three Novel Collagen VI Chains with High Homology to the $\alpha 3$ Chain. <i>Journal of Biological Chemistry</i> , 2008, 283, 10658-10670.	3.4	146
113	Supramolecular Interactions in the Dermo-epidermal Junction Zone. <i>Journal of Biological Chemistry</i> , 2008, 283, 24506-24513.	3.4	111
114	Scleraxis Is Required for Cell Lineage Differentiation and Extracellular Matrix Remodeling During Murine Heart Valve Formation In Vivo. <i>Circulation Research</i> , 2008, 103, 948-956.	4.5	104
115	Shedding of Collagen XXIII Is Mediated by Furin and Depends on the Plasma Membrane Microenvironment. <i>Journal of Biological Chemistry</i> , 2007, 282, 27424-27435.	3.4	40
116	Cleavage and Oligomerization of Gliomedin, a Transmembrane Collagen Required for Node of Ranvier Formation. <i>Journal of Biological Chemistry</i> , 2007, 282, 10647-10659.	3.4	84
117	Compositional Differences between Infant and Adult Human Corneal Basement Membranes. , 2007, 48, 4989.		171
118	Laminin deficits induce alterations in the development of dopaminergic neurons in the mouse retina. <i>Visual Neuroscience</i> , 2007, 24, 549-562.	1.0	37
119	Binding of Netrin-4 to Laminin Short Arms Regulates Basement Membrane Assembly*. <i>Journal of Biological Chemistry</i> , 2007, 282, 23750-23758.	3.4	80
120	MEGF9: a novel transmembrane protein with a strong and developmentally regulated expression in the nervous system. <i>Biochemical Journal</i> , 2007, 401, 447-457.	3.7	19
121	Regulation of angiogenesis: Wound healing as a model. <i>Progress in Histochemistry and Cytochemistry</i> , 2007, 42, 115-170.	5.1	290
122	Interleukin 27 induces differentiation of neural C6-precursor cells into astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 483-487.	2.1	12
123	CCN5 expression in mammals. <i>Journal of Cell Communication and Signaling</i> , 2007, 1, 127-143.	3.4	27
124	The Cysteine-rich Domain of Snake Venom Metalloproteinases Is a Ligand for von Willebrand Factor A Domains. <i>Journal of Biological Chemistry</i> , 2006, 281, 39746-39756.	3.4	78
125	Expression of Type XXIII Collagen mRNA and Protein. <i>Journal of Biological Chemistry</i> , 2006, 281, 21546-21557.	3.4	58
126	Characterization of a conduit system containing laminin-5 in the human thymus: a potential transport system for small molecules. <i>Journal of Cell Science</i> , 2006, 119, 1396-1405.	2.0	58

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127	Collagens are functional, high affinity ligands for the inhibitory immune receptor LAIR-1. <i>Journal of Experimental Medicine</i> , 2006, 203, 1419-1425.	8.5	278
128	Collagen XII Interacts with Avian Tenascin-X through Its NC3 Domain. <i>Journal of Biological Chemistry</i> , 2006, 281, 27461-27470.	3.4	83
129	Regulated Synthesis and Functions of Laminin 5 in Polarized Madin-Darby Canine Kidney Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2006, 17, 3664-3677.	2.1	19
130	Collagen XXVIII, a Novel von Willebrand Factor A Domain-containing Protein with Many Imperfections in the Collagenous Domain. <i>Journal of Biological Chemistry</i> , 2006, 281, 3494-3504.	3.4	162
131	CREB-AP1 Protein Complexes Regulate Transcription of the Collagen XXIV Gene (Col24a1) in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2006, 281, 5445-5452.	3.4	40
132	The cytoplasmic tail of the $\beta 3$ integrin subunit promotes neurite outgrowth in PC12 cells. <i>Journal of Neuroscience Research</i> , 2005, 82, 753-761.	2.9	7
133	A Novel Marker of Tissue Junctions, Collagen XXII. <i>Journal of Biological Chemistry</i> , 2004, 279, 22514-22521.	3.4	179
134	Novel Role for Netrins in Regulating Epithelial Behavior during Lung Branching Morphogenesis. <i>Current Biology</i> , 2004, 14, 897-905.	3.9	159
135	The extracellular matrix component WIF-1 is expressed during, and can modulate, retinal development. <i>Molecular and Cellular Neurosciences</i> , 2004, 27, 477-488.	2.2	57
136	An N-Terminal 80 kDa Recombinant Fragment of Human Thrombospondin-2 Inhibits Vascular Endothelial Growth Factor Induced Endothelial Cell Migration In Vitro and Tumor Growth and Angiogenesis In Vivo. <i>Journal of Investigative Dermatology</i> , 2003, 121, 1536-1543.	0.7	46
137	Collagen XXIV, a Vertebrate Fibrillar Collagen with Structural Features of Invertebrate Collagens. <i>Journal of Biological Chemistry</i> , 2003, 278, 43236-43244.	3.4	99
138	Proteinases of the Bone Morphogenetic Protein-1 Family Convert Procollagen VII to Mature Anchoring Fibril Collagen. <i>Journal of Biological Chemistry</i> , 2002, 277, 26372-26378.	3.4	105
139	The roles of types XII and XIV collagen in fibrillogenesis and matrix assembly in the developing cornea. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 208-220.	2.6	90
140	Structural Analysis and Mutation Detection Strategy for the Human LamC3 Gene. <i>Biochemical and Biophysical Research Communications</i> , 2001, 280, 39-44.	2.1	4
141	Genomic organization of the gene for mouse PIAS ³ and analysis of its promoter. <i>Gene</i> , 2001, 266, 123-130.	2.2	2
142	$\beta 1$ (XX) Collagen, a New Member of the Collagen Subfamily, Fibril-associated Collagens with Interrupted Triple Helices. <i>Journal of Biological Chemistry</i> , 2001, 276, 23120-23126.	3.4	79
143	Local photodynamic action of methylene blue favorably modulates the postinterventional vascular wound healing response. <i>Journal of Vascular Surgery</i> , 2000, 31, 1168-1177.	1.1	22
144	Cloning and Analysis of a Murine PIAS Family Member, PIAS ³ , in Developing Skin and Neurons. <i>Journal of Molecular Neuroscience</i> , 2000, 14, 107-122.	2.3	12

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145	Laminin Expression in Adult and Developing Retinae: Evidence of Two Novel CNS Laminins. <i>Journal of Neuroscience</i> , 2000, 20, 6517-6528.	3.6	247
146	Bone Morphogenetic Protein 1 Is an Extracellular Processing Enzyme of the Laminin 5 β 2 Chain. <i>Journal of Biological Chemistry</i> , 2000, 275, 22728-22735.	3.4	201
147	A Novel Member of the Netrin Family, β 2-Netrin, Shares Homology with the β 2 Chain of Laminin. <i>Journal of Cell Biology</i> , 2000, 151, 221-234.	5.2	143
148	Gene Characterization of Sciellin (SCEL) and Protein Localization in Vertebrate Epithelia Displaying Barrier Properties. <i>Genomics</i> , 2000, 70, 264-268.	2.9	20
149	Characterization and Expression of the Laminin β 3 Chain: A Novel, Non-Basement Membrane-associated, Laminin Chain. <i>Journal of Cell Biology</i> , 1999, 145, 605-618.	5.2	232
150	Rapid and Reversible Regulation of Collagen XII Expression by Changes in Tensile Stress. <i>Experimental Cell Research</i> , 1999, 247, 320-328.	2.6	95
151	The chick and human collagen alpha1(XII) gene promoter. Activity of highly conserved regions around the first exon and in the first intron. <i>FEBS Journal</i> , 1998, 257, 362-371.	0.2	36
152	Complete Primary Structure of Two Splice Variants of Collagen XII, and Assignment of β 1(XII) Collagen (COL12A1), β 1(IX) Collagen (COL9A1), and β 1(XIX) Collagen (COL19A1) to Human Chromosome 6q12-q13. <i>Genomics</i> , 1997, 41, 236-242.	2.9	49
153	Regulation of extracellular matrix synthesis by mechanical stress. <i>Biochemistry and Cell Biology</i> , 1996, 74, 737-744.	2.0	173
154	Tenascin-Y: a protein of novel domain structure is secreted by differentiated fibroblasts of muscle connective tissue.. <i>Journal of Cell Biology</i> , 1996, 134, 1499-1512.	5.2	89
155	Large and small splice variants of collagen XII: differential expression and ligand binding.. <i>Journal of Cell Biology</i> , 1995, 130, 1005-1014.	5.2	106
156	Tenascin-C expression by fibroblasts is elevated in stressed collagen gels.. <i>Journal of Cell Biology</i> , 1994, 127, 2093-2101.	5.2	160
157	A major oligomeric fibroblast proteoglycan identified as a novel large form of type-XII collagen. <i>FEBS Journal</i> , 1992, 207, 847-856.	0.2	47
158	Epithelial synthesis of tenascin at tips of growing bronchi and graded accumulation in basement membrane and mesenchyme. <i>Experimental Cell Research</i> , 1991, 194, 297-300.	2.6	81
159	Tenascin (cytotactin): an extracellular matrix protein involved in morphogenesis of the nervous system. <i>Seminars in Neuroscience</i> , 1991, 3, 341-350.	2.2	26