

# Paolo Bonaldo

## List of Publications by Year in descending order

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141  
papers

21,918  
citations

26567

56  
h-index

9311

143  
g-index

144  
all docs

144  
docs citations

144  
times ranked

36280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662</i>	4.3	1,430
4	Extracellular matrix: A dynamic microenvironment for stem cell niche. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2506-2519.	1.1	1,017
5	Cellular and molecular mechanisms of muscle atrophy. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 25-39.	1.2	958
6	Metabolic Dysregulation and Adipose Tissue Fibrosis: Role of Collagen VI. <i>Molecular and Cellular Biology</i> , 2009, 29, 1575-1591.	1.1	862
7	Mitochondrial dysfunction and apoptosis in myopathic mice with collagen VI deficiency. <i>Nature Genetics</i> , 2003, 35, 367-371.	9.4	469
8	Autophagy is defective in collagen VI muscular dystrophies, and its reactivation rescues myofiber degeneration. <i>Nature Medicine</i> , 2010, 16, 1313-1320.	15.2	457
9	Collagen VI regulates satellite cell self-renewal and muscle regeneration. <i>Nature Communications</i> , 2013, 4, 1964.	5.8	383
10	Role of macrophages in Wallerian degeneration and axonal regeneration after peripheral nerve injury. <i>Acta Neuropathologica</i> , 2015, 130, 605-618.	3.9	358
11	Adipocyte-derived collagen VI affects early mammary tumor progression in vivo, demonstrating a critical interaction in the tumor/stroma microenvironment. <i>Journal of Clinical Investigation</i> , 2005, 115, 1163-1176.	3.9	338
12	Emilin1 Links TGF- $\beta$ 2 Maturation to Blood Pressure Homeostasis. <i>Cell</i> , 2006, 124, 929-942.	13.5	274
13	Collagen VI deficiency induces early onset myopathy in the mouse: an animal model for Bethlem myopathy. <i>Human Molecular Genetics</i> , 1998, 7, 2135-2140.	1.4	260
14	Collagen VI at a glance. <i>Journal of Cell Science</i> , 2015, 128, 3525-31.	1.2	258
15	Transcription Factor EB Controls Metabolic Flexibility during Exercise. <i>Cell Metabolism</i> , 2017, 25, 182-196.	7.2	250
16	Structural and functional features of the $\alpha$ 3 chain indicate a bridging role for chicken collagen VI in connective tissues. <i>Biochemistry</i> , 1990, 29, 1245-1254.	1.2	245
17	Physical exercise stimulates autophagy in normal skeletal muscles but is detrimental for collagen VI-deficient muscles. <i>Autophagy</i> , 2011, 7, 1415-1423.	4.3	216
18	Cyclosporin A corrects mitochondrial dysfunction and muscle apoptosis in patients with collagen VI myopathies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5225-5229.	3.3	195

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19	Mitochondrial dysfunction in the pathogenesis of Ullrich congenital muscular dystrophy and prospective therapy with cyclosporins. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 991-996.	3.3	183
20	Type A Modules: Interacting Domains Found in Several Non-Fibrillar Collagens and in Other Extracellular Matrix Proteins. Matrix Biology, 1993, 13, 297-306.	1.8	178
21	EMILIN-1 Deficiency Induces Elastogenesis and Vascular Cell Defects. Molecular and Cellular Biology, 2004, 24, 638-650.	1.1	166
22	Developmental and osteoarthritic changes in <i>Col6a1</i> knockout mice: Biomechanics of type VI collagen in the cartilage pericellular matrix. Arthritis and Rheumatism, 2009, 60, 771-779.	6.7	165
23	Misregulation of autophagy and protein degradation systems in myopathies and muscular dystrophies. Journal of Cell Science, 2013, 126, 5325-5333.	1.2	160
24	Autophagy-mediated regulation of macrophages and its applications for cancer. Autophagy, 2014, 10, 192-200.	4.3	154
25	Three Novel Collagen VI Chains with High Homology to the $\alpha 3$ Chain. Journal of Biological Chemistry, 2008, 283, 10658-10670.	1.6	146
26	Collagen VI in cancer and its biological mechanisms. Trends in Molecular Medicine, 2013, 19, 410-417.	3.5	133
27	Collagen VI protects neurons against $A\beta$ toxicity. Nature Neuroscience, 2009, 12, 119-121.	7.1	129
28	Pericyte deficiencies lead to aberrant tumor vascularization in the brain of the NG2 null mouse. Developmental Biology, 2010, 344, 1035-1046.	0.9	126
29	Type VI Collagen Regulates Pericellular Matrix Properties, Chondrocyte Swelling, and Mechanotransduction in Mouse Articular Cartilage. Arthritis and Rheumatology, 2015, 67, 1286-1294.	2.9	125
30	Genetic ablation of cyclophilin D rescues mitochondrial defects and prevents muscle apoptosis in collagen VI myopathic mice. Human Molecular Genetics, 2009, 18, 2024-2031.	1.4	116
31	Fine-tuning of ULK1 mRNA and protein levels is required for autophagy oscillation. Journal of Cell Biology, 2016, 215, 841-856.	2.3	116
32	Collagen VI deficiency affects the organization of fibronectin in the extracellular matrix of cultured fibroblasts. Matrix Biology, 2001, 20, 475-486.	1.5	115
33	Collagen VI regulates peripheral nerve regeneration by modulating macrophage recruitment and polarization. Acta Neuropathologica, 2015, 129, 97-113.	3.9	115
34	Oxidative stress by monoamine oxidases is causally involved in myofiber damage in muscular dystrophy. Human Molecular Genetics, 2010, 19, 4207-4215.	1.4	108
35	EMI, a novel cysteine-rich domain of EMILINs and other extracellular proteins, interacts with the gC1q domains and participates in multimerization. FEBS Letters, 2000, 484, 164-168.	1.3	104
36	Absence of Type VI Collagen Paradoxically Improves Cardiac Function, Structure, and Remodeling After Myocardial Infarction. Circulation Research, 2012, 110, 851-856.	2.0	93

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37	The notochord: structure and functions. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2989-3008.	2.4	93
38	Contributions of adipose tissue architectural and tensile properties toward defining healthy and unhealthy obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E233-E246.	1.8	90
39	Role of Macrophage Polarization in Tumor Angiogenesis and Vessel Normalization. <i>International Review of Cell and Molecular Biology</i> , 2013, 301, 1-35.	1.6	89
40	Dysfunctional tendon collagen fibrillogenesis in collagen VI null mice. <i>Matrix Biology</i> , 2011, 30, 53-61.	1.5	88
41	Expression of the Collagen VI $\alpha 5$ and $\alpha 6$ Chains in Normal Human Skin and in Skin of Patients with Collagen VI-Related Myopathies. <i>Journal of Investigative Dermatology</i> , 2011, 131, 99-107.	0.3	78
42	Skeletal muscle, autophagy, and physical activity: the ménage à trois of metabolic regulation in health and disease. <i>Journal of Molecular Medicine</i> , 2014, 92, 127-137.	1.7	78
43	Perinatal Lethality of Microtubule-Associated Protein 1B-Deficient Mice Expressing Alternative Isoforms of the Protein at Low Levels. <i>Molecular and Cellular Neurosciences</i> , 2000, 16, 408-421.	1.0	76
44	Glycolytic-to-oxidative fiber-type switch and mTOR signaling activation are early-onset features of SBMA muscle modified by high-fat diet. <i>Acta Neuropathologica</i> , 2016, 132, 127-144.	3.9	74
45	Expression of collagen VI $\alpha 5$ and $\alpha 6$ chains in human muscle and in Duchenne muscular dystrophy-related muscle fibrosis. <i>Matrix Biology</i> , 2012, 31, 187-196.	1.5	73
46	Cardiac glycoside ouabain induces autophagic cell death in non-small cell lung cancer cells via a JNK-dependent decrease of Bcl-2. <i>Biochemical Pharmacology</i> , 2014, 89, 197-209.	2.0	72
47	Cationic PMMA Nanoparticles Bind and Deliver Antisense Oligoribonucleotides Allowing Restoration of Dystrophin Expression in the mdx Mouse. <i>Molecular Therapy</i> , 2009, 17, 820-827.	3.7	70
48	Reactivation of autophagy by spermidine ameliorates the myopathic defects of collagen VI-null mice. <i>Autophagy</i> , 2015, 11, 2142-2152.	4.3	70
49	Lack of collagen VI promotes neurodegeneration by impairing autophagy and inducing apoptosis during aging. <i>Aging</i> , 2016, 8, 1083-1101.	1.4	69
50	Fra-2 <sup>hi</sup> -expressing macrophages promote lung fibrosis. <i>Journal of Clinical Investigation</i> , 2019, 129, 3293-3309.	3.9	67
51	Collagen VI regulates peripheral nerve myelination and function. <i>FASEB Journal</i> , 2014, 28, 1145-1156.	0.2	66
52	Autophagy induction rescues muscular dystrophy. <i>Autophagy</i> , 2011, 7, 426-428.	4.3	64
53	Mitochondrial Dysfunction and Defective Autophagy in the Pathogenesis of Collagen VI Muscular Dystrophies. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a011387-a011387.	2.3	64
54	NIM811, a cyclophilin inhibitor without immunosuppressive activity, is beneficial in collagen VI congenital muscular dystrophy models. <i>Human Molecular Genetics</i> , 2014, 23, 5353-5363.	1.4	64

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55	Dysfunction of Mitochondria and Sarcoplasmic Reticulum in the Pathogenesis of Collagen VI Muscular Dystrophies. <i>Annals of the New York Academy of Sciences</i> , 2008, 1147, 303-311.	1.8	63
56	Collagen VI in healthy and diseased nervous system. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	58
57	CMG2/ANTXR2 regulates extracellular collagen VI which accumulates in hyaline fibromatosis syndrome. <i>Nature Communications</i> , 2017, 8, 15861.	5.8	56
58	Secretion and Matrix Assembly of Recombinant Type VI Collagen. <i>Journal of Biological Chemistry</i> , 1995, 270, 13105-13111.	1.6	55
59	Differential and restricted expression of novel collagen VI chains in mouse. <i>Matrix Biology</i> , 2011, 30, 248-257.	1.5	55
60	Loss of mitochondrial calcium uniporter rewires skeletal muscle metabolism and substrate preference. <i>Cell Death and Differentiation</i> , 2019, 26, 362-381.	5.0	53
61	Altered Trabecular Bone Structure and Delayed Cartilage Degeneration in the Knees of Collagen VI Null Mice. <i>PLoS ONE</i> , 2012, 7, e33397.	1.1	52
62	Cyclosporine A in Ullrich Congenital Muscular Dystrophy: Long-Term Results. <i>Oxidative Medicine and Cellular Longevity</i> , 2011, 2011, 1-10.	1.9	51
63	The ablation of the matricellular protein EMILIN2 causes defective vascularization due to impaired EGFR-dependent IL-8 production affecting tumor growth. <i>Oncogene</i> , 2018, 37, 3399-3414.	2.6	51
64	Overlapping, complementary and site-specific expression pattern of genes of the EMILIN/Multimerin family. <i>Matrix Biology</i> , 2004, 22, 549-556.	1.5	50
65	downmodulates the Wnt signalling pathway and suppresses breast cancer cell growth and migration. <i>Journal of Pathology</i> , 2014, 232, 391-404.	2.1	48
66	The Role of Collagens in Peripheral Nerve Myelination and Function. <i>Molecular Neurobiology</i> , 2015, 52, 216-225.	1.9	48
67	Autophagy activation in COL6 myopathic patients by a low-protein-diet pilot trial. <i>Autophagy</i> , 2016, 12, 2484-2495.	4.3	48
68	Gelatin-based biomaterials for skeletal muscle tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2763-2777.	1.6	48
69	Annexin A2 mediates collagen VI secretion, pulmonary elasticity, and bronchial epithelial cell apoptosis. <i>Journal of Cell Science</i> , 2014, 127, 828-44.	1.2	46
70	Human adipose-derived stem cell transplantation as a potential therapy for collagen VI-related congenital muscular dystrophy. <i>Stem Cell Research and Therapy</i> , 2014, 5, 21.	2.4	45
71	Collagen VI is required for the structural and functional integrity of the neuromuscular junction. <i>Acta Neuropathologica</i> , 2018, 136, 483-499.	3.9	44
72	Collagen VI Ablation Retards Brain Tumor Progression Due to Deficits in Assembly of the Vascular Basal Lamina. <i>American Journal of Pathology</i> , 2012, 180, 1145-1158.	1.9	43

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73	<i>N</i> -Nitrosoglutathione Reductase Deficiency-Induced <i>N</i> -Nitrosylation Results in Neuromuscular Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 570-587.	2.5	42
74	Efficient Gene Trap Screening for Novel Developmental Genes Using IRES <sup>2</sup> geo Vector and in Vitro Preselection. <i>Experimental Cell Research</i> , 1998, 244, 125-136.	1.2	41
75	Identification and characterization of novel collagen VI non-canonical splicing mutations causing ullrich congenital muscular dystrophy. <i>Human Mutation</i> , 2009, 30, E662-E672.	1.1	40
76	A novel murine model for arrhythmogenic cardiomyopathy points to a pathogenic role of Wnt signalling and miRNA dysregulation. <i>Cardiovascular Research</i> , 2019, 115, 739-751.	1.8	40
77	Emilin3 is required for notochord sheath integrity and interacts with Scube2 to regulate notochord-derived Hedgehog signals. <i>Development (Cambridge)</i> , 2013, 140, 4594-4601.	1.2	38
78	Col6a1 Null Mice as a Model to Study Skin Phenotypes in Patients with Collagen VI Related Myopathies: Expression of Classical and Novel Collagen VI Variants during Wound Healing. <i>PLoS ONE</i> , 2014, 9, e105686.	1.1	37
79	Zebrafish <i>ambra1a</i> and <i>ambra1b</i> Knockdown Impairs Skeletal Muscle Development. <i>PLoS ONE</i> , 2014, 9, e99210.	1.1	36
80	Structure, Chromosomal Localization, and Promoter Analysis of the Human Elastin Microfibril Interface Located protein (EMILIN) Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 785-792.	1.6	34
81	Perturbations in cell signaling elicit early cardiac defects in mucopolysaccharidosis type II. <i>Human Molecular Genetics</i> , 2017, 26, 1643-1655.	1.4	34
82	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. <i>Developmental Cell</i> , 2018, 47, 592-607.e6.	3.1	34
83	Autophagy is Impaired in the Tibialis Anterior of Dystrophin Null Mice. <i>PLOS Currents</i> , 2013, 5, .	1.4	34
84	Altered threshold of the mitochondrial permeability transition pore in Ullrich congenital muscular dystrophy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 893-896.	0.5	33
85	Lack of Collagen VI Promotes Wound-Induced Hair Growth. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2358-2367.	0.3	33
86	Collagen VI <sup>NG2</sup> axis in human tendon fibroblasts under conditions mimicking injury response. <i>Matrix Biology</i> , 2016, 55, 90-105.	1.5	33
87	EMILIN-3, Peculiar Member of Elastin Microfibril Interface-located Protein (EMILIN) Family, Has Distinct Expression Pattern, Forms Oligomeric Assemblies, and Serves as Transforming Growth Factor $\beta^2$ (TGF- $\beta^2$ ) Antagonist. <i>Journal of Biological Chemistry</i> , 2012, 287, 11498-11515.	1.6	32
88	Muscle Proteomics Reveals Novel Insights into the Pathophysiological Mechanisms of Collagen VI Myopathies. <i>Journal of Proteome Research</i> , 2014, 13, 5022-5030.	1.8	31
89	Targeting of EMILIN-1 and EMILIN-2 to Fibrillin Microfibrils Facilitates their Incorporation into the Extracellular Matrix. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1150-1160.	0.3	31
90	Multimerin-2 maintains vascular stability and permeability. <i>Matrix Biology</i> , 2020, 87, 11-25.	1.5	31

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91	Extracellular Collagen VI Has Prosurvival and Autophagy Instructive Properties in Mouse Fibroblasts. <i>Frontiers in Physiology</i> , 2018, 9, 1129.	1.3	29
92	An enhancer required for transcription of the Col6a1 gene in muscle connective tissue is induced by signals released from muscle cells. <i>Experimental Cell Research</i> , 2008, 314, 3508-3518.	1.2	28
93	Transcriptional Activation of the $\alpha 1(VI)$ Collagen Gene during Myoblast Differentiation Is Mediated by Multiple GA Boxes. <i>Journal of Biological Chemistry</i> , 1995, 270, 19583-19590.	1.6	27
94	Expression of the EMILIN-1 gene during mouse development. <i>Matrix Biology</i> , 2002, 21, 603-609.	1.5	27
95	Altered expression of the MCSP/NG2 chondroitin sulfate proteoglycan in collagen VI deficiency. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 408-417.	1.0	27
96	Identification of a deep intronic mutation in the COL6A2 gene by a novel custom oligonucleotide CGH array designed to explore allelic and genetic heterogeneity in collagen VI-related myopathies. <i>BMC Medical Genetics</i> , 2010, 11, 44.	2.1	27
97	Mechanisms of transcriptional activation of the col6a1 gene during Schwann cell differentiation. <i>Mechanisms of Development</i> , 2001, 102, 145-156.	1.7	26
98	Antisense-Induced Messenger Depletion Corrects a COL6A2 Dominant Mutation in Ullrich Myopathy. <i>Human Gene Therapy</i> , 2012, 23, 1313-1318.	1.4	25
99	Heterogeneity of Collagen VI Microfibrils. <i>Journal of Biological Chemistry</i> , 2016, 291, 5247-5258.	1.6	24
100	Changes in Muscle Cell Metabolism and Mechanotransduction Are Associated with Myopathic Phenotype in a Mouse Model of Collagen VI Deficiency. <i>PLoS ONE</i> , 2013, 8, e56716.	1.1	23
101	Type VI collagen deficiency induces osteopenia with distortion of osteoblastic cell morphology. <i>Tissue and Cell</i> , 2012, 44, 1-6.	1.0	22
102	Ultrastructural defects of collagen VI filaments in an Ullrich syndrome patient with loss of the $\alpha 3(VI)$ N10-N7 domains. <i>Journal of Cellular Physiology</i> , 2006, 206, 160-166.	2.0	21
103	Collagen VI myopathies: From the animal model to the clinical trial. <i>Advances in Enzyme Regulation</i> , 2009, 49, 197-211.	2.9	21
104	Biodistribution and Molecular Studies on Orally Administered Nanoparticle-AON Complexes Encapsulated with Alginate Aiming at Inducing Dystrophin Rescue in <i>mdx</i> Mice. <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	21
105	Cyclosporin A Promotes in vivo Myogenic Response in Collagen VI-Deficient Myopathic Mice. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 244.	1.7	21
106	The Polyphenol Pterostilbene Ameliorates the Myopathic Phenotype of Collagen VI Deficient Mice via Autophagy Induction. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580933.	1.8	20
107	Persistent Dystrophin Protein Restoration 90 Days after a Course of Intraperitoneally Administered Naked $\alpha 2$ OMePS AON and ZM2 NP-AON Complexes in <i>mdx</i> Mice. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-8.	3.0	19
108	Role of the ECM in notochord formation, function and disease. <i>Journal of Cell Science</i> , 2017, 130, 3203-3211.	1.2	19

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109	Loss of EMILIN-1 Enhances Arteriolar Myogenic Tone Through TGF- $\beta^2$ (Transforming Growth) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj ETQq1 1 0.784314 Hypertension in Mice and Humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2484-2497.	1.1	19
110	Aggresome-Associated Autophagy Involvement in a Sarcopenic Patient with Rigid Spine Syndrome and a p.C150R Mutation in FHL1 Gene. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 215.	1.7	18
111	Murine $\alpha 1$ (VI) Collagen Chain. Complete Amino Acid Sequence and Identification of the Gene Promoter Region. <i>Matrix Biology</i> , 1993, 13, 223-233.	1.8	17
112	Deep RNA profiling identified clock and molecular clock genes as pathophysiological signatures in collagen VI myopathy. <i>Journal of Cell Science</i> , 2016, 129, 1671-84.	1.2	16
113	The epg5 knockout zebrafish line: a model to study Vici syndrome. <i>Autophagy</i> , 2019, 15, 1438-1454.	4.3	16
114	Collagen VI Deficiency Results in Structural Abnormalities in the Mouse Lung. <i>American Journal of Pathology</i> , 2020, 190, 426-441.	1.9	16
115	Emilin genes are duplicated and dynamically expressed during zebrafish embryonic development. <i>Developmental Dynamics</i> , 2008, 237, 222-232.	0.8	15
116	Tissue-Specific Expression of Promoter Regions of the $\alpha 1$ (VI) Collagen Gene in Cell Cultures and Transgenic Mice. <i>FEBS Journal</i> , 1997, 247, 200-208.	0.2	13
117	Collagen VI Null Mice as a Model for Early Onset Muscle Decline in Aging. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 337.	1.4	13
118	Spatio-temporal expression and distribution of collagen VI during zebrafish development. <i>Scientific Reports</i> , 2019, 9, 19851.	1.6	13
119	Stable expression of chicken type-VI collagen $\alpha 1$ , $\alpha 2$ and $\alpha 3$ cDNAs in murine NIH/3T3 cells. <i>FEBS Journal</i> , 1992, 209, 785-792.	0.2	12
120	Autophagy in the mesh of collagen VI. <i>Matrix Biology</i> , 2021, 100-101, 162-172.	1.5	12
121	Ambra1 deficiency impairs mitophagy in skeletal muscle. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 2211-2224.	2.9	12
122	Autosomal recessive Bethlem myopathy: A clinical, genetic and functional study. <i>Neuromuscular Disorders</i> , 2019, 29, 657-663.	0.3	11
123	Monoclonal Antibodies for the Different Chains of Chick Type VI Collagen. <i>Collagen and Related Research</i> , 1988, 8, 331-337.	2.2	9
124	Lentiviral-mediated RNAi in vivo silencing of Col6a1, a gene with complex tissue specific expression pattern. <i>Journal of Biotechnology</i> , 2009, 141, 8-17.	1.9	9
125	Characterization of a rare case of Ullrich congenital muscular dystrophy due to truncating mutations within the COL6A1 gene C-Terminal domain: a case report. <i>BMC Medical Genetics</i> , 2013, 14, 59.	2.1	9
126	On the pathogenesis of collagen VI muscular dystrophies--Comment on article of Hicks et al.. <i>Brain</i> , 2009, 132, e121-e121.	3.7	8



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127	Efficient Expression of Chicken $\alpha 1(\text{VI})$ Collagen Chain in Transiently Transfected Mammalian Cells. <i>Matrix Biology</i> , 1990, 10, 139-147.	1.8	7
128	Editorial: Pathophysiological Mechanisms of Sarcopenia in Aging and in Muscular Dystrophy: A Translational Approach. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 153.	1.7	7
129	Zebrafish $\alpha 1$ and $\alpha 2$ Silencing Affect Heart Development. <i>Zebrafish</i> , 2020, 17, 163-176.	0.5	7
130	Analysis of Regulatory Regions of Emilin1 Gene and Their Combinatorial Contribution to Tissue-specific Transcription. <i>Journal of Biological Chemistry</i> , 2005, 280, 15749-15760.	1.6	6
131	Congenital muscular dystrophy-associated inflammatory chemokines provide axes for effective recruitment of therapeutic adult stem cell into muscles. <i>Stem Cell Research and Therapy</i> , 2020, 11, 463.	2.4	5
132	Ablation of collagen VI leads to the release of platelets with altered function. <i>Blood Advances</i> , 2021, 5, 5150-5163.	2.5	5
133	EMILIN3, an extracellular matrix molecule with restricted distribution in skin. <i>Experimental Dermatology</i> , 2017, 26, 435-438.	1.4	4
134	Physical mapping of mouse collagen genes on Chromosome 10 by high-resolution FISH. <i>Mammalian Genome</i> , 2001, 12, 340-346.	1.0	3
135	Detecting Collagen VI in Bethlem Myopathy. <i>Journal of Biological Chemistry</i> , 2015, 290, 8011.	1.6	3
136	Emilin-2 is a component of bone marrow extracellular matrix regulating mesenchymal stem cell differentiation and hematopoietic progenitors. <i>Stem Cell Research and Therapy</i> , 2022, 13, 2.	2.4	3
137	Isolation of cDNA clones corresponding to the Mr = 150,000 subunit of chick type VI collagen. <i>Biochemical and Biophysical Research Communications</i> , 1987, 149, 347-354.	1.0	2
138	Multiple Binding Reactivities of an IgG1 Mouse Monoclonal Antibody Raised Against the Extracellular Matrix Glycoprotein Gp 115. <i>Hybridoma</i> , 1987, 6, 349-358.	0.9	1
139	The $\alpha 1$ Chain of Chick Type VI Collagen Is a Hybrid Molecule Made of One Short Collagen and Three von Willebrand Factor Type A-like Domains. <i>Annals of the New York Academy of Sciences</i> , 1990, 580, 430-432.	1.8	1
140	Editorial: Muscle-Tendon-Innervation Unit: Degeneration and Aging—Pathophysiological and Regeneration Mechanisms. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 320.	1.7	1
141	Lipids and glucose homeostasis upon metabolic challenge: extracellular matrix takes the stage. <i>Journal of Physiology</i> , 2020, 598, 3319-3320.	1.3	0