

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.

32 papers	767 citations	14 h-index	27 g-index
43 ext. papers	987 ext. citations	5.5 avg, IF	3.75 L-index

#	Paper	IF	Citations
32	In vivo topical gene therapy for recessive dystrophic epidermolysis bullosa: a phase 1 and 2 trial.. <i>Nature Medicine</i> , 2022 ,	50.5	6
31	Tendon and motor phenotypes in the mouse model of recessive osteogenesis imperfecta. <i>ELife</i> , 2021 , 10,	8.9	1
30	Reticulocalbin 3 is involved in postnatal tendon development by regulating collagen fibrillogenesis and cellular maturation. <i>Scientific Reports</i> , 2021 , 11, 10868	4.9	2
29	Is Essential for Patterning of Multiple Musculoskeletal Tissues but Dispensable for Tendon Differentiation. <i>Stem Cells and Development</i> , 2021 , 30, 601-609	4.4	2
28	Identification of Missense Extracellular Matrix Gene Variants in a Large Glaucoma Pedigree and Investigation of the N700S Thrombospondin-1 Variant in Normal and Glaucomatous Trabecular Meshwork Cells. <i>Current Eye Research</i> , 2021 , 1-12	2.9	4
27	QR-313, an Antisense Oligonucleotide, Shows Therapeutic Efficacy for Treatment of Dominant and Recessive Dystrophic Epidermolysis Bullosa: A Preclinical Study. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 883-893.e6	4.3	19
26	Loss of Smad4 in the scleraxis cell lineage results in postnatal joint contracture. <i>Developmental Biology</i> , 2021 , 470, 108-120	3.1	5
25	The Good, the Bad and the Ugly: Task-Specific Fixation for Connective Tissues. <i>Microscopy and Microanalysis</i> , 2021 , 27, 1402-1403	0.5	
24	Type I and type V procollagen triple helix uses different subsets of the molecular ensemble for lysine posttranslational modifications in the rER. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100453	5.4	2
23	Tgfb signaling is critical for maintenance of the tendon cell fate. <i>ELife</i> , 2020 , 9,	8.9	33
22	Connective Tissue Ultrastructure: A Direct Comparison between Conventional Specimen Preparation and High-Pressure Freezing/Freeze-Substitution. <i>Anatomical Record</i> , 2020 , 303, 1514-1526	2.1	1
21	Fibrillin-1 in the Vasculature: In Vivo Accumulation of eGFP-Tagged Fibrillin-1 in a Knockin Mouse Model. <i>Anatomical Record</i> , 2020 , 303, 1590-1603	2.1	4
20	Ultrastructural analysis of the extracellular matrix. <i>Methods in Cell Biology</i> , 2018 , 143, 1-39	1.8	9
19	Optimizing a 3D model system for molecular manipulation of tenogenesis. <i>Connective Tissue Research</i> , 2018 , 59, 295-308	3.3	7
18	Novel Model of Tendon Regeneration Reveals Distinct Cell Mechanisms Underlying Regenerative and Fibrotic Tendon Healing. <i>Scientific Reports</i> , 2017 , 7, 45238	4.9	114
17	Sex, pregnancy and aortic disease in Marfan syndrome. <i>PLoS ONE</i> , 2017 , 12, e0181166	3.7	20
16	Musculoskeletal integration at the wrist underlies the modular development of limb tendons. <i>Development (Cambridge)</i> , 2015 , 142, 2431-41	6.6	58

15	Type VII Collagen: From Discovery of the Anchoring Fibril Protein to Clinical Trials Ameliorating the Human Blistering Disease Epidermolysis Bullosa. <i>Microscopy and Microanalysis</i> , 2015 , 21, 561-562	0.5	
14	Abnormal Activation of BMP Signaling Causes Myopathy in Fbn2 Null Mice. <i>PLoS Genetics</i> , 2015 , 11, e1005340	36	
13	Correlating Microscopies From Differing Imaging Modalities: From Experimental Design to Alignment and Overlay of Images. <i>Microscopy and Microanalysis</i> , 2015 , 21, 389-390	0.5	
12	Correlation of the same fields imaged in the TEM, confocal, LM, and microCT by image registration: from specimen preparation to displaying a final composite image. <i>Methods in Cell Biology</i> , 2014 , 124, 391-417	1.8	14
11	Prolyl 3-hydroxylase-1 null mice exhibit hearing impairment and abnormal morphology of the middle ear bone joints. <i>Matrix Biology</i> , 2013 , 32, 39-44	11.4	16
10	A correlative method for imaging identical regions of samples by micro-CT, light microscopy, and electron microscopy: imaging adipose tissue in a model system. <i>Journal of Histochemistry and Cytochemistry</i> , 2013 , 61, 263-71	3.4	43
9	Microenvironmental regulation by fibrillin-1. <i>PLoS Genetics</i> , 2012 , 8, e1002425	6	86
8	Prolyl 3-hydroxylase 1 null mice display abnormalities in fibrillar collagen-rich tissues such as tendons, skin, and bones. <i>Journal of Biological Chemistry</i> , 2010 , 285, 17253-62	5.4	59
7	In vivo studies of mutant fibrillin-1 microfibrils. <i>Journal of Biological Chemistry</i> , 2010 , 285, 24943-55	5.4	70
6	Transmission electron microscopy of cartilage and bone. <i>Methods in Cell Biology</i> , 2010 , 96, 443-73	1.8	10
5	Confocal/TEM overlay microscopy: a simple method for correlating confocal and electron microscopy of cells expressing GFP/YFP fusion proteins. <i>Microscopy and Microanalysis</i> , 2008 , 14, 342-8	0.5	35
4	Developmental distribution of collagen type XII in cartilage: association with articular cartilage and the growth plate. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 2005-16	6.3	37
3	Selective intracellular retention of extracellular matrix proteins and chaperones associated with pseudoachondroplasia. <i>Matrix Biology</i> , 2001 , 20, 439-50	11.4	70
2	Strategies For Immunodissection Of The Connective Tissue Matrix And Basement Membranes. <i>Microscopy and Microanalysis</i> , 1999 , 5, 1222-1223	0.5	
1	Reticulocalbin 3 is Involved in Postnatal Tendon Development by Regulating Collagen Fibrillogenesis and Cellular Maturation		1