Sara F Tufa

List of Publications by Citations

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	Novel Model of Tendon Regeneration Reveals Distinct Cell Mechanisms Underlying Regenerative and Fibrotic Tendon Healing. *Scientific Reports*, **2017**, 7, 45238	4.9	114
31	Microenvironmental regulation by fibrillin-1. *PLoS Genetics*, **2012**, 8, e1002425	6	86
30	In vivo studies of mutant fibrillin-1 microfibrils. *Journal of Biological Chemistry*, **2010**, 285, 24943-55	5.4	70
29	Selective intracellular retention of extracellular matrix proteins and chaperones associated with pseudoachondroplasia. *Matrix Biology*, **2001**, 20, 439-50	11.4	70
28	Prolyl 3-hydroxylase 1 null mice display abnormalities in fibrillar collagen-rich tissues such as tendons, skin, and bones. *Journal of Biological Chemistry*, **2010**, 285, 17253-62	5.4	59
27	Musculoskeletal integration at the wrist underlies the modular development of limb tendons. *Development (Cambridge)*, **2015**, 142, 2431-41	6.6	58
26	A correlative method for imaging identical regions of samples by micro-CT, light microscopy, and electron microscopy: imaging adipose tissue in a model system. *Journal of Histochemistry and Cytochemistry*, **2013**, 61, 263-71	3.4	43
25	Developmental distribution of collagen type XII in cartilage: association with articular cartilage and the growth plate. *Journal of Bone and Mineral Research*, **2001**, 16, 2005-16	6.3	37
24	Abnormal Activation of BMP Signaling Causes Myopathy in Fbn2 Null Mice. *PLoS Genetics*, **2015**, 11, e1005340	5	36
23	Confocal/TEM overlay microscopy: a simple method for correlating confocal and electron microscopy of cells expressing GFP/YFP fusion proteins. *Microscopy and Microanalysis*, **2008**, 14, 342-8	0.5	35
22	Tgf signaling is critical for maintenance of the tendon cell fate. *ELife*, **2020**, 9,	8.9	33
21	Sex, pregnancy and aortic disease in Marfan syndrome. *PLoS ONE*, **2017**, 12, e0181166	3.7	20
20	QR-313, an Antisense Oligonucleotide, Shows Therapeutic Efficacy for Treatment of Dominant and Recessive Dystrophic Epidermolysis Bullosa: A Preclinical Study. *Journal of Investigative Dermatology*, **2021**, 141, 883-893.e6	4.3	19
19	Prolyl 3-hydroxylase-1 null mice exhibit hearing impairment and abnormal morphology of the middle ear bone joints. *Matrix Biology*, **2013**, 32, 39-44	11.4	16
18	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. *Methods in Cell Biology*, **2014**, 124, 391-417	1.8	14
17	Transmission electron microscopy of cartilage and bone. *Methods in Cell Biology*, **2010**, 96, 443-73	1.8	10
16	Ultrastructural analysis of the extracellular matrix. *Methods in Cell Biology*, **2018**, 143, 1-39	1.8	9

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15	Optimizing a 3D model system for molecular manipulation of tenogenesis. *Connective Tissue Research*, **2018**, 59, 295-308	3.3	7
14	In vivo topical gene therapy for recessive dystrophic epidermolysis bullosa: a phase 1 and 2 trial.. *Nature Medicine*, **2022**,	50.5	6
13	Loss of Smad4 in the scleraxis cell lineage results in postnatal joint contracture. *Developmental Biology*, **2021**, 470, 108-120	3.1	5
12	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. *Current Eye Research*, **2021**, 1-12	2.9	4
11	Fibrillin-1 in the Vasculature: In Vivo Accumulation of eGFP-Tagged Fibrillin-1 in a Knockin Mouse Model. *Anatomical Record*, **2020**, 303, 1590-1603	2.1	4
10	Reticulocalbin 3 is involved in postnatal tendon development by regulating collagen fibrillogenesis and cellular maturation. *Scientific Reports*, **2021**, 11, 10868	4.9	2
9	Is Essential for Patterning of Multiple Musculoskeletal Tissues but Dispensable for Tendon Differentiation. *Stem Cells and Development*, **2021**, 30, 601-609	4.4	2
8	Type I and type V procollagen triple helix uses different subsets of the molecular ensemble for lysine posttranslational modifications in the rER. *Journal of Biological Chemistry*, **2021**, 296, 100453	5.4	2
7	Reticulocalbin 3 is Involved in Postnatal Tendon Development by Regulating Collagen Fibrillogenesis and Cellular Maturation		1
6	Tendon and motor phenotypes in the mouse model of recessive osteogenesis imperfecta. *ELife*, **2021**, 10,	8.9	1
5	Connective Tissue Ultrastructure: A Direct Comparison between Conventional Specimen Preparation and High-Pressure Freezing/Freeze-Substitution. *Anatomical Record*, **2020**, 303, 1514-1526	2.1	1
4	Type VII Collagen: From Discovery of the Anchoring Fibril Protein to Clinical Trials Ameliorating the Human Blistering Disease Epidermolysis Bullosa. *Microscopy and Microanalysis*, **2015**, 21, 561-562	0.5	
3	Correlating Microscopies From Differing Imaging Modalities: From Experimental Design to Alignment and Overlay of Images. *Microscopy and Microanalysis*, **2015**, 21, 389-390	0.5	
2	Strategies For Immunodissection Of The Connective Tissue Matrix And Basement Membranes. *Microscopy and Microanalysis*, **1999**, 5, 1222-1223	0.5	
1	The Good, the Bad and the Ugly: Task-Specific Fixation for Connective Tissues. *Microscopy and Microanalysis*, **2021**, 27, 1402-1403	0.5	