

# Pauline Po Yee Lui

## 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.

69  
papers

2,844  
citations

34  
h-index

52  
g-index

71  
ext. papers

3,208  
ext. citations

3.9  
avg, IF

5.49  
L-index

#	Paper	IF	Citations
69	Mesenchymal Stem Cell-Derived Extracellular Vesicles for the Promotion of Tendon Repair - an Update of Literature. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 379-389	7.3	8
68	Inflammatory mechanisms linking obesity and tendinopathy.. <i>Journal of Orthopaedic Translation</i> , <b>2021</b> , 31, 80-90	4.2	1
67	Tackling the Challenges of Graft Healing After Anterior Cruciate Ligament Reconstruction-Thinking From the Endpoint.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 756930	5.8	0
66	Role of Histone Acetylation and Methylation in Obesity. <i>Current Pharmacology Reports</i> , <b>2019</b> , 5, 196-203	5.5	4
65	Biology of Tendon Stem Cells and Tendon in Aging. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1338	4.5	13
64	Tendinopathy in diabetes mellitus patients-Epidemiology, pathogenesis, and management. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2017</b> , 27, 776-787	4.6	33
63	Transplantation of tendon-derived stem cells pre-treated with connective tissue growth factor and ascorbic acid in vitro promoted better tendon repair in a patellar tendon window injury rat model. <i>Cytotherapy</i> , <b>2016</b> , 18, 99-112	4.8	44
62	Cytotoxic and sublethal effects of silver nanoparticles on tendon-derived stem cells - implications for tendon engineering. <i>Toxicology Research</i> , <b>2016</b> , 5, 318-330	2.6	3
61	Peri-tunnel bone loss: does it affect early tendon graft to bone tunnel healing after ACL reconstruction?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2015</b> , 23, 740-51	5.5	10
60	A practical guide for the isolation and maintenance of stem cells from tendon. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1212, 127-40	1.4	11
59	Stem cell technology for tendon regeneration: current status, challenges, and future research directions. <i>Stem Cells and Cloning: Advances and Applications</i> , <b>2015</b> , 8, 163-74	2.6	40
58	Markers for the identification of tendon-derived stem cells in vitro and tendon stem cells in situ - update and future development. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 106	8.3	39
57	Allogeneic tendon-derived stem cells promote tendon healing and suppress immunoreactions in hosts: in vivo model. <i>Tissue Engineering - Part A</i> , <b>2014</b> , 20, 2998-3009	3.9	25
56	Immunogenicity and escape mechanisms of allogeneic tendon-derived stem cells. <i>Tissue Engineering - Part A</i> , <b>2014</b> , 20, 3010-20	3.9	15
55	Application of tendon-derived stem cell sheet for the promotion of graft healing in anterior cruciate ligament reconstruction. <i>American Journal of Sports Medicine</i> , <b>2014</b> , 42, 681-9	6.8	80
54	Scx-transduced tendon-derived stem cells (tdscs) promoted better tendon repair compared to mock-transduced cells in a rat patellar tendon window injury model. <i>PLoS ONE</i> , <b>2014</b> , 9, e97453	3.7	38
53	Higher BMP/Smad sensitivity of tendon-derived stem cells (TDSCs) isolated from the collagenase-induced tendon injury model: possible mechanism for their altered fate in vitro. <i>BMC Musculoskeletal Disorders</i> , <b>2013</b> , 14, 248	2.8	16

52	Identity of tendon stem cells--how much do we know?. <i>Journal of Cellular and Molecular Medicine</i> , <b>2013</b> , 17, 55-64	5.6	40
51	Cell therapy for the treatment of tendinopathy--a systematic review on the pre-clinical and clinical evidence. <i>Seminars in Arthritis and Rheumatism</i> , <b>2013</b> , 42, 651-66	5.3	17
50	Altered fate of tendon-derived stem cells isolated from a failed tendon-healing animal model of tendinopathy. <i>Stem Cells and Development</i> , <b>2013</b> , 22, 1076-85	4.4	53
49	BMP-2 stimulated non-tenogenic differentiation and promoted proteoglycan deposition of tendon-derived stem cells (TDSCs) in vitro. <i>Journal of Orthopaedic Research</i> , <b>2013</b> , 31, 746-53	3.8	41
48	The effect of early whole-body vibration therapy on neuromuscular control after anterior cruciate ligament reconstruction: a randomized controlled trial. <i>American Journal of Sports Medicine</i> , <b>2013</b> , 41, 804-14	6.8	42
47	In vivo identity of tendon stem cells and the roles of stem cells in tendon healing. <i>Stem Cells and Development</i> , <b>2013</b> , 22, 3128-40	4.4	65
46	Expression of Wnt pathway mediators in metaplastic tissue in animal model and clinical samples of tendinopathy. <i>Rheumatology</i> , <b>2013</b> , 52, 1609-18	3.9	15
45	Histopathological changes in tendinopathy--potential roles of BMPs?. <i>Rheumatology</i> , <b>2013</b> , 52, 2116-26	3.9	28
44	Local administration of alendronate reduced peri-tunnel bone loss and promoted graft-bone tunnel healing with minimal systemic effect on bone in contralateral knee. <i>Journal of Orthopaedic Research</i> , <b>2013</b> , 31, 1897-906	3.8	17
43	Alendronate reduced peri-tunnel bone loss and enhanced tendon graft to bone tunnel healing in anterior cruciate ligament reconstruction. <i>European Cells and Materials</i> , <b>2013</b> , 25, 78-96	4.3	33
42	Ectopic chondro-ossification and erroneous extracellular matrix deposition in a tendon window injury model. <i>Journal of Orthopaedic Research</i> , <b>2012</b> , 30, 37-46	3.8	29
41	Tendon-derived stem cells (TDSCs) promote tendon repair in a rat patellar tendon window defect model. <i>Journal of Orthopaedic Research</i> , <b>2012</b> , 30, 613-9	3.8	148
40	Uniaxial mechanical tension promoted osteogenic differentiation of rat tendon-derived stem cells (rTDSCs) via the Wnt5a-RhoA pathway. <i>Journal of Cellular Biochemistry</i> , <b>2012</b> , 113, 3133-42	4.7	52
39	Comparison of potentials of stem cells isolated from tendon and bone marrow for musculoskeletal tissue engineering. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 840-51	3.9	136
38	A randomized controlled trial comparing bone mineral density changes of three different ACL reconstruction techniques. <i>Knee</i> , <b>2012</b> , 19, 779-85	2.6	18
37	Expression of chondro-osteogenic BMPs in clinical samples of patellar tendinopathy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2012</b> , 20, 1409-17	5.5	38
36	Higher BMP receptor expression and BMP-2-induced osteogenic differentiation in tendon-derived stem cells compared with bone-marrow-derived mesenchymal stem cells. <i>International Orthopaedics</i> , <b>2012</b> , 36, 1099-107	3.8	41
35	Hypoxia-mediated efficient expansion of human tendon-derived stem cells in vitro. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 484-98	3.9	63

34	Effect of in vitro passaging on the stem cell-related properties of tendon-derived stem cells-implications in tissue engineering. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 790-800	4.4	67
33	Tendon stem cells: experimental and clinical perspectives in tendon and tendon-bone junction repair. <i>Muscles, Ligaments and Tendons Journal</i> , <b>2012</b> , 2, 163-8	1.9	23
32	What are the validated animal models for tendinopathy?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2011</b> , 21, 3-17	4.6	112
31	Tendon-derived stem cells (TDSCs): from basic science to potential roles in tendon pathology and tissue engineering applications. <i>Stem Cell Reviews and Reports</i> , <b>2011</b> , 7, 883-97	6.4	99
30	Tenogenic differentiation of stem cells for tendon repair-what is the current evidence?. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2011</b> , 5, e144-63	4.4	65
29	Mechanical loading increased BMP-2 expression which promoted osteogenic differentiation of tendon-derived stem cells. <i>Journal of Orthopaedic Research</i> , <b>2011</b> , 29, 390-6	3.8	141
28	Expression of chondro-osteogenic BMPs in ossified failed tendon healing model of tendinopathy. <i>Journal of Orthopaedic Research</i> , <b>2011</b> , 29, 816-21	3.8	42
27	Continuous cyclic mechanical tension inhibited Runx2 expression in mesenchymal stem cells through RhoA-ERK1/2 pathway. <i>Journal of Cellular Physiology</i> , <b>2011</b> , 226, 2159-69	7	50
26	Validation of a histologic scoring system for the examination of quality of tendon graft to bone tunnel healing in anterior cruciate ligament reconstruction <b>2011</b> , 33, 36-49		8
25	Sustained expression of proteoglycans and collagen type III/type I ratio in a calcified tendinopathy model. <i>Rheumatology</i> , <b>2010</b> , 49, 231-9	3.9	59
24	Isolation and characterization of multipotent rat tendon-derived stem cells. <i>Tissue Engineering - Part A</i> , <b>2010</b> , 16, 1549-58	3.9	212
23	Expression of sensory neuropeptides in tendon is associated with failed healing and activity-related tendon pain in collagenase-induced tendon injury. <i>American Journal of Sports Medicine</i> , <b>2010</b> , 38, 757-64	6.8	48
22	Inferior tendon graft to bone tunnel healing at the tibia compared to that at the femur after anterior cruciate ligament reconstruction. <i>Journal of Orthopaedic Science</i> , <b>2010</b> , 15, 389-401	1.6	28
21	Biology and augmentation of tendon-bone insertion repair. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2010</b> , 5, 59	2.8	107
20	Deciphering the pathogenesis of tendinopathy: a three-stages process. <i>BMC Sports Science, Medicine and Rehabilitation</i> , <b>2010</b> , 2, 30	2.4	57
19	Chondrocyte phenotype and ectopic ossification in collagenase-induced tendon degeneration. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2009</b> , 57, 91-100	3.4	60
18	Arthroscopic gluteal muscle contracture release with radiofrequency energy. <i>Clinical Orthopaedics and Related Research</i> , <b>2009</b> , 467, 799-804	2.2	36
17	Expression of bone morphogenetic protein-2 in the chondrogenic and ossifying sites of calcific tendinopathy and traumatic tendon injury rat models. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2009</b> , 4, 27	2.8	34

16	The use of motion analysis to measure pain-related behaviour in a rat model of degenerative tendon injuries. <i>Journal of Neuroscience Methods</i> , <b>2009</b> , 179, 309-18	3	26
15	Orthopaedic sport biomechanics - a new paradigm. <i>Clinical Biomechanics</i> , <b>2008</b> , 23 Suppl 1, S21-30	2.2	10
14	Tai Chi Chuan exercises in enhancing bone mineral density in active seniors. <i>Clinics in Sports Medicine</i> , <b>2008</b> , 27, 75-86, viii	2.6	21
13	Effect of medial arch-heel support in inserts on reducing ankle eversion: a biomechanics study. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2008</b> , 3, 7	2.8	7
12	Increased apoptosis at the late stage of tendon healing. <i>Wound Repair and Regeneration</i> , <b>2007</b> , 15, 702-73.6		40
11	Areal and Volumetric Bone Densitometry in Evaluation of Tai Chi Chuan Exercise for Prevention of Postmenopausal Osteoporosis <b>2007</b> , 505-515		
10	An in vitro optimized injectable calcium phosphate cement for augmenting screw fixation in osteopenic goats. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2006</b> , 78, 153-60 <sup>3.5</sup>		37
9	The nuclear tubular invaginations are dynamic structures inside the nucleus of HeLa cells. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2006</b> , 84, 477-86	2.4	15
8	Electrochemical deposition of hydroxyapatite with vinyl acetate on titanium implants. <i>Journal of Biomedical Materials Research Part B</i> , <b>2003</b> , 65, 24-9		26
7	The nucleus of HeLa cells contains tubular structures for Ca <sup>2+</sup> signaling with the involvement of mitochondria. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 308, 826-33	3.4	37
6	Bioengineering and characterization of physeal transplant with physeal reconstruction potential. <i>Tissue Engineering</i> , <b>2003</b> , 9, 703-11		11
5	The nuclear envelope of resting C6 glioma cells is able to release and uptake Ca <sup>2+</sup> in the absence of chemical stimulation. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1998</b> , 435, 357-61	4.6	11
4	The rise of nuclear and cytosolic Ca <sup>2+</sup> can be uncoupled in HeLa cells. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1998</b> , 436, 371-6	4.6	29
3	Ca <sup>2+</sup> is released from the nuclear tubular structure into nucleoplasm in C6 glioma cells after stimulation with phorbol ester. <i>FEBS Letters</i> , <b>1998</b> , 432, 82-7	3.8	20
2	The nucleus of HeLa cell contains tubular structures for Ca <sup>2+</sup> signalling. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 247, 88-93	3.4	45
1	Practical Considerations in Acquiring Biological Signals from Confocal Microscope. <i>NeuroSignals</i> , <b>1997</b> , 6, 45-51	1.9	4