

# Alexander Scott

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

3,869  
citations

109264

35  
h-index

133188

59  
g-index

104  
all docs

104  
docs citations

104  
times ranked

3625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanotherapy: how physical therapists' prescription of exercise promotes tissue repair. <i>British Journal of Sports Medicine</i> , 2009, 43, 247-252.	3.1	293
2	Tendons – time to revisit inflammation. <i>British Journal of Sports Medicine</i> , 2014, 48, 1553-1557.	3.1	233
3	Sports and exercise-related tendinopathies: a review of selected topical issues by participants of the second International Scientific Tendinopathy Symposium (ISTS) Vancouver 2012. <i>British Journal of Sports Medicine</i> , 2013, 47, 536-544.	3.1	148
4	Tenocyte responses to mechanical loading in vivo: A role for local insulin-like growth factor 1 signaling in early tendinosis in rats. <i>Arthritis and Rheumatism</i> , 2007, 56, 871-881.	6.7	143
5	Excessive Apoptosis in Patellar Tendinopathy in Athletes. <i>American Journal of Sports Medicine</i> , 2007, 35, 605-611.	1.9	136
6	Tendinopathy: Update on Pathophysiology. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2015, 45, 833-841.	1.7	134
7	ICON 2019: International Scientific Tendinopathy Symposium Consensus: Clinical Terminology. <i>British Journal of Sports Medicine</i> , 2020, 54, 260-262.	3.1	133
8	What do we mean by the term "inflammation"? A contemporary basic science update for sports medicine. <i>British Journal of Sports Medicine</i> , 2004, 38, 372-380.	3.1	112
9	What is "inflammation"? Are we ready to move beyond Celsus?. <i>British Journal of Sports Medicine</i> , 2004, 38, 248-249.	3.1	105
10	Platelet-Rich Plasma for Patellar Tendinopathy: A Randomized Controlled Trial of Leukocyte-Rich PRP or Leukocyte-Poor PRP Versus Saline. <i>American Journal of Sports Medicine</i> , 2019, 47, 1654-1661.	1.9	104
11	High strain mechanical loading rapidly induces tendon apoptosis: an ex vivo rat tibialis anterior model. <i>British Journal of Sports Medicine</i> , 2005, 39, e25-e25.	3.1	99
12	Tenocyte hypercellularity and vascular proliferation in a rabbit model of tendinopathy: contralateral effects suggest the involvement of central neuronal mechanisms. <i>British Journal of Sports Medicine</i> , 2011, 45, 399-406.	3.1	88
13	ICON 2019 – International Scientific Tendinopathy Symposium Consensus: There are nine core health-related domains for tendinopathy (CORE DOMAINS): Delphi study of healthcare professionals and patients. <i>British Journal of Sports Medicine</i> , 2020, 54, 444-451.	3.1	85
14	Substance P accelerates hypercellularity and angiogenesis in tendon tissue and enhances paratendinitis in response to Achilles tendon overuse in a tendinopathy model. <i>British Journal of Sports Medicine</i> , 2011, 45, 1017-1022.	3.1	78
15	Common Tendinopathies in the Upper and Lower Extremities. <i>Current Sports Medicine Reports</i> , 2006, 5, 233-241.	0.5	75
16	Lipids, adiposity and tendinopathy: is there a mechanistic link? Critical review. <i>British Journal of Sports Medicine</i> , 2015, 49, 984-988.	3.1	74
17	Understanding Mechanobiology: Physical Therapists as a Force in Mechanotherapy and Musculoskeletal Regenerative Rehabilitation. <i>Physical Therapy</i> , 2016, 96, 560-569.	1.1	72
18	Mechanotransduction in Human Bone. <i>Sports Medicine</i> , 2008, 38, 139-160.	3.1	71

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19	Substance P Is a Mechanoresponsive, Autocrine Regulator of Human Tenocyte Proliferation. PLoS ONE, 2011, 6, e27209.	1.1	68
20	The Bonar score revisited: Region of evaluation significantly influences the standardized assessment of tendon degeneration. Journal of Science and Medicine in Sport, 2014, 17, 346-350.	0.6	64
21	Rotator Cuff Tear Degeneration and Cell Apoptosis in Smokers Versus Nonsmokers. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2014, 30, 936-941.	1.3	63
22	Tenocyte apoptosis in the torn rotator cuff: a primary or secondary pathological event?. British Journal of Sports Medicine, 2011, 45, 1035-1039.	3.1	56
23	The effect of heat applied with stretch to increase range of motion: A systematic review. Physical Therapy in Sport, 2012, 13, 180-188.	0.8	55
24	<i>Scleraxis</i> expression is coordinately regulated in a murine model of patellar tendon injury. Journal of Orthopaedic Research, 2011, 29, 289-296.	1.2	54
25	ICON PART-T 2019â€œInternational Scientific Tendinopathy Symposium Consensus: recommended standards for reporting participant characteristics in tendinopathy research (PART-T). British Journal of Sports Medicine, 2020, 54, 627-630.	3.1	52
26	VEGF Expression in Patellar Tendinopathy: A Preliminary Study. Clinical Orthopaedics and Related Research, 2008, 466, 1598-1604.	0.7	47
27	Conservative treatment of chronic Achilles tendinopathy. Cmaj, 2011, 183, 1159-1165.	0.9	46
28	Increased mast cell numbers in a calcaneal tendon overuse model. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, e353-60.	1.3	46
29	VGLUT2 expression in painful Achilles and patellar tendinosis: Evidence of local glutamate release by tenocytes. Journal of Orthopaedic Research, 2008, 26, 685-692.	1.2	45
30	Alterations of overused supraspinatus tendon: A possible role of glycosaminoglycans and HARP/pleiotrophin in early tendon pathology. Journal of Orthopaedic Research, 2012, 30, 61-71.	1.2	45
31	Increased injury and intramuscular collagen of the diaphragm in COPD: autopsy observations. European Respiratory Journal, 2006, 27, 51-59.	3.1	42
32	IGF-I activates PKB and prevents anoxic apoptosis in Achilles tendon cells. Journal of Orthopaedic Research, 2005, 23, 1219-1225.	1.2	41
33	Cyclic Strain Alters the Expression and Release of Angiogenic Factors by Human Tendon Cells. PLoS ONE, 2014, 9, e97356.	1.1	39
34	Accumulation of Oxidized LDL in the Tendon Tissues of C57BL/6 or Apolipoprotein E Knock-Out Mice That Consume a High Fat Diet: Potential Impact on Tendon Health. PLoS ONE, 2014, 9, e114214.	1.1	39
35	Enhanced collagen type I synthesis by human tenocytes subjected to periodic in vitro mechanical stimulation. BMC Musculoskeletal Disorders, 2014, 15, 386.	0.8	38
36	Mast cells exert pro-inflammatory effects of relevance to the pathophysiology of tendinopathy. Arthritis Research and Therapy, 2013, 15, R184.	1.6	37

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37	Î²1 integrin, ILK and mTOR regulate collagen synthesis in mechanically loaded tendon cells. Scientific Reports, 2020, 10, 12644.	1.6	37
38	Greater glycosaminoglycan content in human patellar tendon biopsies is associated with more pain and a lower VISA score. British Journal of Sports Medicine, 2014, 48, 469-475.	3.1	36
39	Substance P enhances collagen remodeling and MMPâ€³ expression by human tenocytes. Journal of Orthopaedic Research, 2013, 31, 91-98.	1.2	34
40	Second harmonic generation analysis of early Achilles tendinosis in response to in vivo mechanical loading. BMC Musculoskeletal Disorders, 2011, 12, 26.	0.8	33
41	Neuropeptides in tendinopathy. Frontiers in Bioscience - Landmark, 2009, Volume, 2203.	3.0	29
42	Feasibility of using a hand-held device to characterize tendon tissue biomechanics. PLoS ONE, 2017, 12, e0184463.	1.1	29
43	Lower muscle regenerative potential in full-thickness supraspinatus tears compared to partial-thickness tears. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 84, 565-570.	1.2	28
44	It is time for consensus on â€˜consensus statementsâ€™™. British Journal of Sports Medicine, 2022, 56, 306-307.	3.1	27
45	Increased substance P expression in the trochanteric bursa of patients with greater trochanteric pain syndrome. Rheumatology International, 2014, 34, 1441-1448.	1.5	26
46	Increased levels of apoptosis and p53 in partial-thickness supraspinatus tendon tears. Knee Surgery, Sports Traumatology, Arthroscopy, 2013, 21, 1636-1641.	2.3	25
47	Transverse tendon stiffness is reduced in people with Achilles tendinopathy: A cross-sectional study. PLoS ONE, 2019, 14, e0211863.	1.1	25
48	Quantitative assessment of forward and backward second harmonic three dimensional images of collagen Type I matrix remodeling in a stimulated cellular environment. Journal of Structural Biology, 2012, 180, 17-25.	1.3	24
49	Impact of rest duration on Achilles tendon structure and function following isometric training. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 436-445.	1.3	24
50	Achilles tendon structure is negatively correlated with body mass index, but not influenced by statin use: A cross-sectional study using ultrasound tissue characterization. PLoS ONE, 2018, 13, e0199645.	1.1	24
51	Corticosteroids: short-term gain for long-term pain?. Lancet, The, 2010, 376, 1714-1715.	6.3	21
52	Regional molecular and cellular differences in the female rabbit <sc>A</sc>chilles tendon complex: potential implications for understanding responses to loading. Journal of Anatomy, 2014, 224, 538-547.	0.9	21
53	Patients as Partners in Research: It's the Right Thing to Do. Journal of Orthopaedic and Sports Physical Therapy, 2019, 49, 623-626.	1.7	21
54	Uphill treadmill running does not induce histopathological changes in the rat Achilles tendon. BMC Musculoskeletal Disorders, 2013, 14, 90.	0.8	19

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55	Human tenocytes are stimulated to proliferate by acetylcholine through an EGFR signalling pathway. <i>Cell and Tissue Research</i> , 2013, 351, 465-475.	1.5	18
56	The seasonal variation of Achilles tendon ruptures in Vancouver, Canada: a retrospective study. <i>BMJ Open</i> , 2014, 4, e004320.	0.8	18
57	Acute activation of Erk1/Erk2 and protein kinase B/akt proceed by independent pathways in multiple cell types. <i>FEBS Journal</i> , 2005, 272, 4372-4384.	2.2	17
58	Dexamethasone decreases substance P expression in human tendon cells: an in vitro study. <i>Rheumatology</i> , 2015, 54, 318-323.	0.9	17
59	Angiopoietin-like 4 promotes angiogenesis in the tendon and is increased in cyclically loaded tendon fibroblasts. <i>Journal of Physiology</i> , 2016, 594, 2971-2983.	1.3	17
60	The effects of substance P and acetylcholine on human tenocyte proliferation converge mechanistically via TGF- $\beta$ 1. <i>PLoS ONE</i> , 2017, 12, e0174101.	1.1	16
61	VGLUT2 and NMDAR1 Expression in Cells in the Inflammatory Infiltrates in Experimentally Induced Myositis: Evidence of Local Glutamate Signaling Suggests Autocrine/Paracrine Effects in an Overuse Injury Model. <i>Inflammation</i> , 2012, 35, 39-48.	1.7	15
62	Diagnostic accuracy of ultrasound and MRI for Achilles tendon xanthoma in people with familial hypercholesterolemia: A systematic review. <i>Journal of Clinical Lipidology</i> , 2019, 13, 40-48.	0.6	15
63	Angiopoietin-like 4 Enhances the Proliferation and Migration of Tendon Fibroblasts. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1769-1777.	0.2	14
64	Rehabilitation of Tendon Problems in Patients with Diabetes Mellitus. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 199-208.	0.8	13
65	Randomised controlled trial evaluating the short-term analgesic effect of topical diclofenac on chronic Achilles tendon pain: a pilot study. <i>BMJ Open</i> , 2017, 7, e015126.	0.8	13
66	Sodium cromolyn reduces expression of CTGF, ADAMTS1, and TIMP3 and modulates post-injury patellar tendon morphology. <i>Journal of Orthopaedic Research</i> , 2011, 29, 678-683.	1.2	12
67	Influence of repetitive mechanical loading on MMP2 activity in tendon fibroblasts. <i>Journal of Orthopaedic Research</i> , 2016, 34, 1991-2000.	1.2	12
68	Do Dietary Factors Influence Tendon Metabolism?. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 283-289.	0.8	11
69	Intramuscular stimulation vs sham needling for the treatment of chronic midportion Achilles tendinopathy: A randomized controlled clinical trial. <i>PLoS ONE</i> , 2020, 15, e0238579.	1.1	11
70	The effects of cholesterol accumulation on Achilles tendon biomechanics: A cross-sectional study. <i>PLoS ONE</i> , 2021, 16, e0257269.	1.1	10
71	Can Shockwave Therapy Improve Tendon Metabolism?. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 275-281.	0.8	8
72	Patients as Partners in Research: There Is Plenty of Help for Researchers. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2020, 50, 219-221.	1.7	8

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73	Uphill running does not exacerbate collagenase-induced pathological changes in the Achilles tendon of rats selectively bred for high-capacity running. <i>Connective Tissue Research</i> , 2013, 54, 386-393.	1.1	7
74	Temporal divergence of changes in pain and pain-free grip strength after manual acupuncture or electroacupuncture: an experimental study in people with lateral epicondylalgia. <i>Chinese Medicine</i> , 2017, 12, 22.	1.6	6
75	Multimodal management of patellar tendinopathy in basketball players: A retrospective chart review pilot study. <i>Journal of Bodywork and Movement Therapies</i> , 2020, 24, 267-272.	0.5	6
76	Topical diclofenac vs placebo for the treatment of chronic Achilles tendinopathy: A randomized controlled clinical trial. <i>PLoS ONE</i> , 2021, 16, e0247663.	1.1	6
77	Alpha-2 adrenergic stimulation triggers Achilles tenocyte hypercellularity: Comparison between two model systems. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 687-696.	1.3	5
78	Using the VERT wearable device to monitor jumping loads in elite volleyball athletes. <i>PLoS ONE</i> , 2021, 16, e0245299.	1.1	5
79	An Emerging Role for Angiogenesis in Tendinopathy. <i>European Musculoskeletal Review</i> , 2009, 4, 75-76.	0.0	5
80	Vascular structure and function in the medial collateral ligament of anterior cruciate ligament transected rabbit knees. <i>Journal of Orthopaedic Research</i> , 2014, 32, 1104-1110.	1.2	4
81	A cross-sectional evaluation examining the use of the Achilles tendinopathy toolkit by physiotherapists in British Columbia, Canada. <i>Disability and Rehabilitation</i> , 2017, 39, 671-676.	0.9	4
82	Apolipoprotein A1 distribution pattern in the human Achilles tendon. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1506-1513.	1.3	4
83	Can Achilles tendon xanthoma be distinguished from Achilles tendinopathy using Dixon method MRI? A cross-sectional exploratory study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 627.	0.8	4
84	Genetic associations with Achilles tendinopathy. <i>Rheumatology</i> , 2010, 49, 2005-2006.	0.9	3
85	Platelet-Rich Plasma for Patellar Tendinopathy: Response. <i>American Journal of Sports Medicine</i> , 2020, 48, NP22-NP22.	1.9	3
86	The fundamental role of inflammation in tendon injury. <i>Current Medical Research and Opinion</i> , 2013, 29, 3-6.	0.9	2
87	Mechanism of mast cell adhesion to human tenocytes in vitro. <i>Journal of Orthopaedic Research</i> , 2015, 33, 9-16.	1.2	2
88	Effects of tailored advice on injury prevention knowledge and behaviours in runners: Secondary analysis from a randomised controlled trial. <i>Physical Therapy in Sport</i> , 2019, 37, 164-170.	0.8	2
89	ICON 2019"international scientific tendinopathy symposium: building an ICONic tendon tower"launching a new era in clinical tendinopathy research. <i>British Journal of Sports Medicine</i> , 2020, 54, 442-443.	3.1	2
90	93"..."Evolving Inflammatory Cell Populations In The Overused Rabbit Achilles Tendon. <i>British Journal of Sports Medicine</i> , 2014, 48, A60.2-A61.	3.1	1

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91	Vancouver data supports a weak association between tendon pathology and serum lipid profiles. British Journal of Sports Medicine, 2016, 50, 1485-1486.	3.1	1
92	Case Studies in Physiology: Adaptation of load-bearing tendons during pregnancy. Journal of Applied Physiology, 2022, 132, 1280-1289.	1.2	1
93	The Validity and Reliability of Two Commercially Available Load Sensors for Clinical Strength Assessment. Sensors, 2021, 21, 8399.	2.1	1
94	Second harmonic generation imaging of collagen matrix remodeling in a stimulated 3D cellular environment: forward versus backward detection. , 2011, , .		0
95	Evaluation of the effect of mechanical loading on angiogenic factors in tendinopathy. Journal of Bodywork and Movement Therapies, 2012, 16, 524-525.	0.5	0
96	Teaming up to beat tendon pain: clinical and research excellence own the podium at ISTS (International Scientific Tendinopathy Symposium). British Journal of Sports Medicine, 2013, 47, 532-532.	3.1	0
97	INFLAMMATORY MECHANISMS INVOLVED IN TENDON OVERUSE: RECENT INSIGHTS. British Journal of Sports Medicine, 2013, 47, e2.2-e2.	3.1	0
98	43â€¦Enhanced Collagen Type I Synthesis of Tenocytes by Periodic in vitro Mechanical Stimulation. British Journal of Sports Medicine, 2014, 48, A28-A28.	3.1	0
99	72â€¦Angiopoietin-like 4, A Novel Mechnoresponse Protein Involved In Tendinopathy. British Journal of Sports Medicine, 2014, 48, A46.2-A47.	3.1	0
100	44â€¦Regional Molecular And Cellular Differences In The Female Rabbit Achilles Tendon Complex. British Journal of Sports Medicine, 2014, 48, A29.1-A29.	3.1	0
101	Effectiveness of Platelet-Rich Plasma in the Treatment of Tendinopathy: Letter to the Editor. American Journal of Sports Medicine, 2016, 44, NP54-NP55.	1.9	0
102	Assessing acute:chronic workload ratio methodologies for the prediction of knee pain in men's elite volleyball. Translational Sports Medicine, 2021, 4, 677-683.	0.5	0
103	Biochemical Causes of Patellar Tendinopathy?. , 2011, , 229-236.		0