

# Christopher J Handley

## List of Publications by Year in descending order

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51  
papers

2,239  
citations

186265

28  
h-index

214800

47  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular matrix proteins interact with cell signaling pathways in modifying risk of achilles tendinopathy. <i>Journal of Orthopaedic Research</i> , 2015, 33, 898-903.	2.3	19
2	Variants within the COMP and THBS2 genes are not associated with Achilles tendinopathy in a case-control study of South African and Australian populations. <i>Journal of Sports Sciences</i> , 2014, 32, 92-100.	2.0	7
3	Investigation of variants within the COL27A1 and TNC genes and Achilles tendinopathy in two populations. <i>Journal of Orthopaedic Research</i> , 2013, 31, 632-637.	2.3	44
4	Polymorphic variation within the ADAMTS2, ADAMTS14, ADAMTS5, ADAM12 and TIMP2 genes and the risk of Achilles tendon pathology: A genetic association study. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 493-498.	1.3	54
5	Association of type XI collagen genes with chronic Achilles tendinopathy in independent populations from South Africa and Australia. <i>British Journal of Sports Medicine</i> , 2013, 47, 569-574.	6.7	38
6	The apoptosis pathway and the genetic predisposition to Achilles tendinopathy. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1719-1724.	2.3	62
7	Short- and long-term exposure of articular cartilage to curcumin or quercetin inhibits aggrecan loss. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 106-112.	4.2	12
8	A pathway-based approach investigating the genes encoding interleukin-1, interleukin-6 and the interleukin-1 receptor antagonist provides new insight into the genetic susceptibility of Achilles tendinopathy. <i>British Journal of Sports Medicine</i> , 2011, 45, 1040-1047.	6.7	40
9	Change in proteoglycan metabolism is a characteristic of human patellar tendinopathy. <i>Arthritis and Rheumatism</i> , 2010, 62, 3028-3035.	6.7	61
10	Components of the transforming growth factor- family and the pathogenesis of human Achilles tendon pathology—a genetic association study. <i>Rheumatology</i> , 2010, 49, 2090-2097.	1.9	85
11	Changes in the composition of the extracellular matrix in patellar tendinopathy. <i>Matrix Biology</i> , 2009, 28, 230-236.	3.6	121
12	Distinguishing Aggrecan Loss from Aggrecan Proteolysis in ADAMTS-4 and ADAMTS-5 Single and Double Deficient Mice. <i>Journal of Biological Chemistry</i> , 2007, 282, 37420-37428.	3.4	28
13	Structure, Metabolism, and Tissue Roles of Chondroitin Sulfate Proteoglycans. <i>Advances in Pharmacology</i> , 2006, 53, 219-232.	2.0	17
14	Sulfated polysaccharides inhibit the catabolism and loss of both large and small proteoglycans in explant cultures of tendon. <i>FEBS Journal</i> , 2006, 273, 3479-3488.	4.7	3
15	Proteoglycans and catabolic products of proteoglycans present in ligament. <i>Biochemical Journal</i> , 2005, 385, 381-388.	3.7	44
16	Large aggregating and small leucine-rich proteoglycans are degraded by different pathways and at different rates in tendon. <i>FEBS Journal</i> , 2004, 271, 3612-3620.	0.2	30
17	Characterisation of proteoglycans and their catabolic products in tendon and explant cultures of tendon. <i>Matrix Biology</i> , 2004, 23, 127-140.	3.6	80
18	Selective inhibition of ADAMTS-1, -4 and -5 by catechin gallate esters. <i>FEBS Journal</i> , 2003, 270, 2394-2403.	0.2	83

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19	Highly sulfated glycosaminoglycans inhibit aggrecanase degradation of aggrecan by bovine articular cartilage explant cultures. <i>Matrix Biology</i> , 2002, 21, 429-440.	3.6	39
20	Distribution of newly synthesized aggrecan in explant cultures of bovine cartilage treated with retinoic acid. <i>Matrix Biology</i> , 2002, 21, 579-592.	3.6	9
21	Cathepsin D cleaves aggrecan at unique sites within the interglobular domain and chondroitin sulfate attachment regions that are also cleaved when cartilage is maintained at acid pH. <i>Matrix Biology</i> , 2001, 20, 543-553.	3.6	42
22	Expression and activity of ADAMTS-5 in synovium. <i>FEBS Journal</i> , 2001, 268, 1259-1268.	0.2	105
23	Calcium pentosan polysulfate inhibits the catabolism of aggrecan in articular cartilage explant cultures. <i>Arthritis and Rheumatism</i> , 2000, 43, 2211-2218.	6.7	30
24	Catabolism of newly synthesized decorin by explant cultures of bovine ligament. <i>Matrix Biology</i> , 2000, 19, 129-138.	3.6	11
25	Bovine joint capsule and fibroblasts derived from joint capsule express aggrecanase activity. <i>Matrix Biology</i> , 2000, 19, 257-265.	3.6	28
26	Metabolic processing of newly synthesized link protein in bovine articular cartilage explant cultures. <i>Matrix Biology</i> , 1999, 18, 65-74.	3.6	3
27	Coincubation of Bovine Synovial or Capsular Tissue with Cartilage Generates a Soluble "Aggrecanase" Activity. <i>Biochemical and Biophysical Research Communications</i> , 1999, 255, 686-691.	2.1	23
28	Identification of Distinct Metabolic Pools of Aggrecan and Their Relationship to Type VI Collagen in the Chondrons of Mature Bovine Articular Cartilage Explants. <i>Connective Tissue Research</i> , 1998, 37, 277-293.	2.3	16
29	Characterization of Aggrecan Retained and Lost from the Extracellular Matrix of Articular Cartilage. <i>Journal of Biological Chemistry</i> , 1998, 273, 17451-17458.	3.4	51
30	Catabolism and Loss of Proteoglycans from Cultures of Bovine Collateral Ligament. <i>Archives of Biochemistry and Biophysics</i> , 1996, 328, 64-72.	3.0	24
31	Characterization of a Large Chondroitin Sulfate Proteoglycan Present in Bovine Collateral Ligament. <i>Archives of Biochemistry and Biophysics</i> , 1996, 329, 181-190.	3.0	12
32	Presence of antibodies to native G1 domain of aggrecan core protein in synovial fluids from patients with various joint diseases. <i>Arthritis and Rheumatism</i> , 1996, 39, 1990-1997.	6.7	28
33	[4] Assay of proteoglycan degradation. <i>Methods in Enzymology</i> , 1995, 248, 47-58.	1.0	60
34	Kinetics of release of aggrecan from explant cultures of bovine cartilage from different sources and from animals of different ages. <i>Acta Orthopaedica</i> , 1995, 66, 33-37.	1.4	11
35	Characterization of extracellular matrix macromolecules from bovine synovial capsule. <i>Journal of Orthopaedic Research</i> , 1994, 12, 365-374.	2.3	19
36	Polymorphonuclear neutrophils release 35S-labelled proteoglycans into cartilage during frustrated phagocytosis. <i>FEBS Journal</i> , 1994, 221, 871-879.	0.2	13

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37	Inhibition of cartilage proteoglycan release by a specific inactivator of cathepsin b and an inhibitor of matrix metalloproteinases. evidence for two converging pathways of chondrocyte-mediated proteoglycan degradation. <i>Arthritis and Rheumatism</i> , 1993, 36, 1709-1717.	6.7	122
38	Effect of insulin-like growth factor-I on the synthesis and distribution of link protein and hyaluronan in explant cultures of articular cartilage. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992, 1135, 309-317.	4.1	18
39	Cleavage of proteoglycan aggregate by leucocyte elastase. <i>Archives of Biochemistry and Biophysics</i> , 1992, 292, 442-447.	3.0	32
40	The extracellular processing and catabolism of hyaluronan in cultured adult articular cartilage explants. <i>Archives of Biochemistry and Biophysics</i> , 1992, 298, 70-79.	3.0	52
41	Mechanism of catabolism of aggrecan by articular cartilage. <i>Archives of Biochemistry and Biophysics</i> , 1992, 294, 115-122.	3.0	180
42	Effects of free and bound insulin-like growth factors on proteoglycan metabolism in articular cartilage explants. <i>Journal of Orthopaedic Research</i> , 1992, 10, 14-22.	2.3	53
43	Characterization and synthesis of macromolecules by adult collateral ligament. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1990, 1034, 73-80.	2.4	19
44	Passive loss of proteoglycan from articular cartilage explants. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1989, 993, 157-167.	2.4	33
45	[21] Catabolism and turnover of proteoglycans. <i>Methods in Enzymology</i> , 1987, 144, 412-419.	1.0	12
46	The effect of retinoic acid on proteoglycan biosynthesis in bovine articular cartilage cultures. <i>Archives of Biochemistry and Biophysics</i> , 1987, 253, 462-474.	3.0	24
47	The effect of retinoic acid on proteoglycan turnover in bovine articular cartilage cultures. <i>Archives of Biochemistry and Biophysics</i> , 1987, 258, 143-155.	3.0	31
48	Changes in proteoglycan biosynthesis following leukocyte elastase treatment of bovine articular cartilage in culture. <i>Arthritis and Rheumatism</i> , 1984, 27, 905-912.	6.7	30
49	Turnover of proteoglycans in cultures of bovine articular cartilage. <i>Archives of Biochemistry and Biophysics</i> , 1984, 234, 275-289.	3.0	88
50	The effect of serum on biosynthesis of proteoglycans by bovine articular cartilage in culture. <i>Archives of Biochemistry and Biophysics</i> , 1983, 224, 206-223.	3.0	178
51	Carrageenin-induced arthritis. III. Proteolytic enzymes present in rabbit knee joints after a single intraarticular injection of carrageenin. <i>Arthritis and Rheumatism</i> , 1976, 19, 1287-1294.	6.7	15