

# Christopher B Little

## 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.

164 papers	8,893 citations	49 h-index	91 g-index
186 ext. papers	10,100 ext. citations	4.3 avg, IF	6.07 L-index

#	Paper	IF	Citations
164	Diurnal effects of polypharmacy with high drug burden index on physical activities over 23h differ with age and sex.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2168	4.9	0
163	Osteoarthritis Pathophysiology: Therapeutic Target Discovery may Require a Multifaceted Approach.. <i>Clinics in Geriatric Medicine</i> , <b>2022</b> , 38, 193-219	3.8	1
162	Orthobiologics in Orthopaedic applications: A Report from the TMI Havemeyer Meeting on Orthobiologics. <i>Journal of Cartilage &amp; Joint Preservation</i> , <b>2022</b> , 100055		
161	Monocytes, Macrophages, and Their Potential Niches in Synovial Joints - Therapeutic Targets in Post-Traumatic Osteoarthritis?. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 763702	8.4	8
160	Efficacy and cost-effectiveness of Stem Cell injections for symptomatic relief and strUctural improvement in people with Tibiofemoral knee OsteoaRthritis: protocol for a randomised placebo-controlled trial (the SCULPTOR trial). <i>BMJ Open</i> , <b>2021</b> , 11, e056382	3	1
159	Long-term Effect of a Single Subcritical Knee Injury: Increasing the Risk of Anterior Cruciate Ligament Rupture and Osteoarthritis. <i>American Journal of Sports Medicine</i> , <b>2021</b> , 49, 391-403	6.8	3
158	Extracellular Vesicles from Mesenchymal Stromal Cells for the Treatment of Inflammation-Related Conditions. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	11
157	Limited utility of novel serological biomarkers in patients newly suspected of having giant cell arteritis. <i>International Journal of Rheumatic Diseases</i> , <b>2021</b> , 24, 781-788	2.3	1
156	Exploring translational gaps between basic scientists, clinical researchers, clinicians, and consumers: Proceedings and recommendations arising from the 2020 mine the gap online workshop. <i>Osteoarthritis and Cartilage Open</i> , <b>2021</b> , 3, 100163	1.5	
155	Male-Female Differences in the Effects of Age on Performance Measures Recorded for 23 Hours in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 2141-2146	6.4	3
154	Sex- and injury-based differences in knee biomechanics in mouse models of post-traumatic osteoarthritis. <i>Journal of Biomechanics</i> , <b>2021</b> , 114, 110152	2.9	3
153	The Development of Disease-Modifying Therapies for Osteoarthritis (DMOADs): The Evidence to Date. <i>Drug Design, Development and Therapy</i> , <b>2021</b> , 15, 2921-2945	4.4	27
152	OA foundations - experimental models of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2021</b> ,	6.2	2
151	Pathology-pain relationships in different osteoarthritis animal model phenotypes: it matters what you measure, when you measure, and how you got there. <i>Osteoarthritis and Cartilage</i> , <b>2021</b> , 29, 1448-1461	6.2	2
150	Differential patterns of pathology in and interaction between joint tissues in long-term osteoarthritis with different initiating causes: phenotype matters. <i>Osteoarthritis and Cartilage</i> , <b>2020</b> , 28, 953-965	6.2	5
149	The relationship between synovial inflammation, structural pathology, and pain in post-traumatic osteoarthritis: differential effect of stem cell and hyaluronan treatment. <i>Arthritis Research and Therapy</i> , <b>2020</b> , 22, 29	5.7	16
148	Flow Cytometry Analysis of Immune Cell Subsets within the Murine Spleen, Bone Marrow, Lymph Nodes and Synovial Tissue in an Osteoarthritis Model. <i>Journal of Visualized Experiments</i> , <b>2020</b> ,	1.6	2

147	Stem cell-directed therapies for osteoarthritis: The promise and the practice. <i>Stem Cells</i> , <b>2020</b> , 38, 477-488	3.9	10
146	Assessment for varicella zoster virus in patients newly suspected of having giant cell arteritis. <i>Rheumatology</i> , <b>2020</b> , 59, 1992-1996	3.9	5
145	Identification of the skeletal progenitor cells forming osteophytes in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 1625-1634	2.4	13
144	OATargets: a knowledge base of genes associated with osteoarthritis joint damage in animals. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> ,	2.4	12
143	Generation of a miR-26b stem-loop knockout human iPSC line, MCRIi019-A-1, using CRISPR/Cas9 editing. <i>Stem Cell Research</i> , <b>2020</b> , 50, 102118	1.6	
142	Intra-articular Treatment of Osteoarthritis with Diclofenac-Conjugated Polymer Reduces Inflammation and Pain.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 2822-2832	4.1	6
141	Disruption of glucocorticoid signalling in osteoblasts attenuates age-related surgically induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2019</b> , 27, 1518-1525	6.2	6
140	Developing strategic priorities in osteoarthritis research: Proceedings and recommendations arising from the 2017 Australian Osteoarthritis Summit. <i>BMC Musculoskeletal Disorders</i> , <b>2019</b> , 20, 74	2.8	5
139	Elevated hypertrophy, growth plate maturation, glycosaminoglycan deposition, and exostosis formation in the exon 3 null mouse intervertebral disc. <i>Biochemical Journal</i> , <b>2019</b> , 476, 225-243	3.8	6
138	Catabolism of Fibromodulin in Developmental Rudiment and Pathologic Articular Cartilage Demonstrates Novel Roles for MMP-13 and ADAMTS-4 in C-terminal Processing of SLRPs. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	15
137	Stem Cell-Derived Extracellular Vesicles for Treating Joint Injury and Osteoarthritis. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	36
136	Effects of tendon injury on uninjured regional tendons in the distal limb: An in-vivo study using an ovine tendinopathy model. <i>PLoS ONE</i> , <b>2019</b> , 14, e0215830	3.7	5
135	Functionally distinct tendons have different biomechanical, biochemical and histological responses to in vitro unloading. <i>Journal of Biomechanics</i> , <b>2019</b> , 95, 109321	2.9	6
134	Preclinical randomized controlled trial of bilateral discectomy versus bilateral discectomy in Black Merino sheep temporomandibular joint: TEMPOJIMS - Phase 1- histologic, imaging and body weight results. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2018</b> , 46, 688-696	3.6	3
133	The role of fat and inflammation in the pathogenesis and management of osteoarthritis. <i>Rheumatology</i> , <b>2018</b> , 57, iv10-iv21	3.9	54
132	Cell Clusters Are Indicative of Stem Cell Activity in the Degenerate Intervertebral Disc: Can Their Properties Be Manipulated to Improve Intrinsic Repair of the Disc?. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 147-165	4.4	20
131	Hyaluronan oligosaccharides stimulate matrix metalloproteinase and anabolic gene expression in vitro by intervertebral disc cells and annular repair in vivo. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2018</b> , 12, e216-e226	4.4	22
130	Identification of TGF $\beta$ -related genes regulated in murine osteoarthritis and chondrocyte hypertrophy by comparison of multiple microarray datasets. <i>Bone</i> , <b>2018</b> , 116, 67-77	4.7	5

129	Macrophage polarization contributes to local inflammation and structural change in the multifidus muscle after intervertebral disc injury. <i>European Spine Journal</i> , <b>2018</b> , 27, 1744-1756	2.7	30
128	Achilles and tail tendons of perlecan exon 3 null heparan sulphate deficient mice display surprising improvement in tendon tensile properties and altered collagen fibril organisation compared to C57BL/6 wild type mice. <i>PeerJ</i> , <b>2018</b> , 6, e5120	3.1	6
127	Cartilage MicroRNA Dysregulation During the Onset and Progression of Mouse Osteoarthritis Is Independent of Aggrecanolytic and Overlaps With Candidates From End-Stage Human Disease. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 383-395	9.5	15
126	Efficacy of administered mesenchymal stem cells in the initiation and co-ordination of repair processes by resident disc cells in an ovine ( <i>Ovis aries</i> ) large destabilizing lesion model of experimental disc degeneration. <i>JOR Spine</i> , <b>2018</b> , 1, e1037	3.7	14
125	Cellular, matrix, and mechano-biological differences in load-bearing versus positional tendons throughout development and aging: a narrative review. <i>Connective Tissue Research</i> , <b>2018</b> , 59, 483-494	3.3	7
124	Using mouse models to investigate the pathophysiology, treatment, and prevention of post-traumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , <b>2017</b> , 35, 424-439	3.8	33
123	The biology of meniscal pathology in osteoarthritis and its contribution to joint disease: beyond simple mechanics. <i>Connective Tissue Research</i> , <b>2017</b> , 58, 282-294	3.3	16
122	Considerations for the design and execution of protocols for animal research and treatment to improve reproducibility and standardization: "DEPART well-prepared and ARRIVE safely". <i>Osteoarthritis and Cartilage</i> , <b>2017</b> , 25, 354-363	6.2	33
121	Utility of circulating serum miRNAs as biomarkers of early cartilage degeneration in animal models of post-traumatic osteoarthritis and inflammatory arthritis. <i>Osteoarthritis and Cartilage</i> , <b>2017</b> , 25, 426-434	6.2	26
120	Joint loads resulting in ACL rupture: Effects of age, sex, and body mass on injury load and mode of failure in a mouse model. <i>Journal of Orthopaedic Research</i> , <b>2017</b> , 35, 1754-1763	3.8	11
119	Comprehensive Expression Analysis of microRNAs and mRNAs in Synovial Tissue from a Mouse Model of Early Post-Traumatic Osteoarthritis. <i>Scientific Reports</i> , <b>2017</b> , 7, 17701	4.9	17
118	A Histopathological Scheme for the Quantitative Scoring of Intervertebral Disc Degeneration and the Therapeutic Utility of Adult Mesenchymal Stem Cells for Intervertebral Disc Regeneration. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	25
117	Spatiotemporal variations in gene expression, histology and biomechanics in an ovine model of tendinopathy. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185282	3.7	9
116	Bioengineered Temporomandibular Joint Disk Implants: Study Protocol for a Two-Phase Exploratory Randomized Preclinical Pilot Trial in 18 Black Merino Sheep (TEMPOJIMS). <i>JMIR Research Protocols</i> , <b>2017</b> , 6, e37	2	6
115	Proteoglycan and Collagen Degradation in Osteoarthritis <b>2017</b> , 41-61		4
114	Chondroitin sulphate glycosaminoglycans contribute to widespread inferior biomechanics in tendon after focal injury. <i>Journal of Biomechanics</i> , <b>2016</b> , 49, 2694-2701	2.9	17
113	Effect of Manuka honey gel on the transforming growth factor $\alpha$ and $\beta$ concentrations, bacterial counts and histomorphology of contaminated full-thickness skin wounds in equine distal limbs. <i>Australian Veterinary Journal</i> , <b>2016</b> , 94, 27-34	1.2	27
112	Mesenchymal Stem Cell Treatment of Intervertebral Disc Lesion Prevents Fatty Infiltration and Fibrosis of the Multifidus Muscle, but not Cytokine and Muscle Fiber Changes. <i>Spine</i> , <b>2016</b> , 41, 1208-1217	3.3	17

111	Immunolocalization and distribution of proteoglycans in carious dentine. <i>Australian Dental Journal</i> , <b>2016</b> , 61, 288-97	2.3	11
110	Ablation of Perlecan Domain 1 Heparan Sulfate Reduces Progressive Cartilage Degradation, Synovitis, and Osteophyte Size in a Preclinical Model of Posttraumatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 868-79	9.5	35
109	Use of FGF-2 and FGF-18 to direct bone marrow stromal stem cells to chondrogenic and osteogenic lineages. <i>Future Science OA</i> , <b>2016</b> , 2, FSO142	2.7	28
108	The CS Sulfation Motifs 4C3, 7D4, 3B3[-]; and Perlecan Identify Stem Cell Populations and Their Niches, Activated Progenitor Cells and Transitional Areas of Tissue Development in the Fetal Human Elbow. <i>Stem Cells and Development</i> , <b>2016</b> , 25, 836-47	4.4	18
107	Interleukin-1 $\beta$ induces focal degradation of biglycan and tissue degeneration in an in-vitro ovine meniscal model. <i>Experimental and Molecular Pathology</i> , <b>2016</b> , 101, 214-220	4.4	6
106	The role of proteoglycans in the nanoindentation creep behavior of human dentin. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2015</b> , 55, 264-270	4.1	23
105	Multifidus Muscle Changes After Back Injury Are Characterized by Structural Remodeling of Muscle, Adipose and Connective Tissue, but Not Muscle Atrophy: Molecular and Morphological Evidence. <i>Spine</i> , <b>2015</b> , 40, 1057-71	3.3	71
104	Focal experimental injury leads to widespread gene expression and histologic changes in equine flexor tendons. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122220	3.7	15
103	On the predictive utility of animal models of osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 225	5.7	89
102	OS6-3 RELATIONSHIP BETWEEN BIOMECHANICS AND PATHOLOGY IN A MOUSE KNEE INJURY MODEL(OS6: Australian and New Zealand Society for Biomechanics (ANZSB)). <i>The Proceedings of the Asian Pacific Conference on Biomechanics Emerging Science and Technology in Biomechanics</i> , <b>2015</b> , 2015-8, 99		
101	Endothelial protein C receptor-associated invasiveness of rheumatoid synovial fibroblasts is likely driven by group V secretory phospholipase A2. <i>Arthritis Research and Therapy</i> , <b>2014</b> , 16, R44	5.7	7
100	Activation of matrix metalloproteinases 2, 9, and 13 by activated protein C in human osteoarthritic cartilage chondrocytes. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 1525-36	9.5	53
99	Characterisation of pain-related behaviours in association with joint pathology in an 8-week antigen-induced arthritis model. <i>Osteoarthritis and Cartilage</i> , <b>2014</b> , 22, S36-S37	6.2	3
98	Modulation of endochondral ossification by MEK inhibitors PD0325901 and AZD6244 (Selumetinib). <i>Bone</i> , <b>2014</b> , 59, 151-61	4.7	19
97	Pathogenesis of post-traumatic OA with a view to intervention. <i>Best Practice and Research in Clinical Rheumatology</i> , <b>2014</b> , 28, 17-30	5.3	45
96	Can proinflammatory cytokine gene expression explain multifidus muscle fiber changes after an intervertebral disc lesion?. <i>Spine</i> , <b>2014</b> , 39, 1010-7	3.3	37
95	Treatment of experimentally induced osteoarthritis in horses using an intravenous combination of sodium pentosan polysulfate, N-acetyl glucosamine, and sodium hyaluronan. <i>Veterinary Surgery</i> , <b>2014</b> , 43, 612-22	1.7	15
94	Depletion of protease-activated receptor 2 but not protease-activated receptor 1 may confer protection against osteoarthritis in mice through extracartilaginous mechanisms. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 3337-48	9.5	65

93	Prevention and treatment of intervertebral disc degeneration with bone marrow derived stem (stromal) cells in an in vivo study in sheep. <i>Osteoarthritis and Cartilage</i> , <b>2014</b> , 22, S28-S29	6.2	4
92	A hexadecylamide derivative of hyaluronan (HYMOVIS <sup>®</sup> ) has superior beneficial effects on human osteoarthritic chondrocytes and synoviocytes than unmodified hyaluronan. <i>Journal of Inflammation</i> , <b>2013</b> , 10, 26	6.7	26
91	Post-traumatic osteoarthritis: from mouse models to clinical trials. <i>Nature Reviews Rheumatology</i> , <b>2013</b> , 9, 485-97	8.1	140
90	Comparative immunolocalisation of perlecan, heparan sulphate, fibroblast growth factor-18, and fibroblast growth factor receptor-3 and their prospective roles in chondrogenic and osteogenic development of the human foetal spine. <i>European Spine Journal</i> , <b>2013</b> , 22, 1774-84	2.7	12
89	The ovine newborn and human foetal intervertebral disc contain perlecan and aggrecan variably substituted with native 7D4 CS sulphation motif: spatiotemporal immunolocalisation and co-distribution with Notch-1 in the human foetal disc. <i>Glycoconjugate Journal</i> , <b>2013</b> , 30, 717-25	3	19
88	Comparison of gait and pathology outcomes of three meniscal procedures for induction of knee osteoarthritis in sheep. <i>Osteoarthritis and Cartilage</i> , <b>2013</b> , 21, 226-36	6.2	37
87	Altered stress induced by partial transection of the infraspinatus tendon leads to perlecan (HSPG2) accumulation in an ovine model of tendinopathy. <i>Tissue and Cell</i> , <b>2013</b> , 45, 77-82	2.7	7
86	A commentary on modelling osteoarthritis pain in small animals. <i>Osteoarthritis and Cartilage</i> , <b>2013</b> , 21, 1316-26	6.2	96
85	The circadian clock in murine chondrocytes regulates genes controlling key aspects of cartilage homeostasis. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 2334-45		88
84	Transcriptomics of wild-type mice and mice lacking ADAMTS-5 activity identifies genes involved in osteoarthritis initiation and cartilage destruction. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 1547-60		46
83	Maintaining mRNA integrity during decalcification of mineralized tissues. <i>PLoS ONE</i> , <b>2013</b> , 8, e58154	3.7	16
82	Zonal differences in meniscus matrix turnover and cytokine response. <i>Osteoarthritis and Cartilage</i> , <b>2012</b> , 20, 49-59	6.2	47
81	What constitutes an "animal model of osteoarthritis"--the need for consensus?. <i>Osteoarthritis and Cartilage</i> , <b>2012</b> , 20, 261-7	6.2	113
80	<sup>1</sup> H NMR spectroscopy of serum reveals unique metabolic fingerprints associated with subtypes of surgically induced osteoarthritis in sheep. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 4261-8	5.6	30
79	Chondroitin sulphate and heparan sulphate sulphation motifs and their proteoglycans are involved in articular cartilage formation during human foetal knee joint development. <i>Histochemistry and Cell Biology</i> , <b>2012</b> , 138, 461-75	2.4	35
78	Mechanical destabilization induced by controlled annular incision of the intervertebral disc dysregulates metalloproteinase expression and induces disc degeneration. <i>Spine</i> , <b>2012</b> , 37, 18-25	3.3	42
77	Proteoglycan degradation by the ADAMTS family of proteinases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2011</b> , 1812, 1616-29	6.9	118
76	Investigating ADAMTS-mediated aggrecanolytic activity in mouse cartilage. <i>Nature Protocols</i> , <b>2011</b> , 6, 388-404	18.8	57



75	Increased chondrocyte sclerostin may protect against cartilage degradation in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2011</b> , 19, 874-85	6.2	150
74	The recent paper "Multimodal imaging demonstrates concomitant changes in bone and cartilage after destabilization of the medial meniscus and increased joint laxity". <i>Osteoarthritis and Cartilage</i> , <b>2011</b> , 19, 1076-7; author reply 1078	6.2	2
73	Cartilage intermediate layer protein 2 (CILP-2) is expressed in articular and meniscal cartilage and down-regulated in experimental osteoarthritis. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 37758-67	5.4	44
72	Mutations in TRPV4 cause an inherited arthropathy of hands and feet. <i>Nature Genetics</i> , <b>2011</b> , 43, 1142-6	36.3	112
71	Immunolocalization of lymphatic vessels in human fetal knee joint tissues. <i>Connective Tissue Research</i> , <b>2010</b> , 51, 289-305	3.3	4
70	Anti-IgD antibody attenuates collagen-induced arthritis by selectively depleting mature B-cells and promoting immune tolerance. <i>Journal of Autoimmunity</i> , <b>2010</b> , 35, 86-97	15.5	24
69	S100A8 and S100A9 in experimental osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2010</b> , 12, R16	5.7	59
68	Is cartilage matrix breakdown an appropriate therapeutic target in osteoarthritis--insights from studies of aggrecan and collagen proteolysis?. <i>Current Drug Targets</i> , <b>2010</b> , 11, 561-75	3	56
67	A detailed microscopic examination of alterations in normal anular structure induced by mechanical destabilization in an ovine model of disc degeneration. <i>Spine</i> , <b>2010</b> , 35, 1965-73	3.3	17
66	The OARSI histopathology initiative - recommendations for histological assessments of osteoarthritis in sheep and goats. <i>Osteoarthritis and Cartilage</i> , <b>2010</b> , 18 Suppl 3, S80-92	6.2	137
65	The OARSI histopathology initiative - recommendations for histological assessments of osteoarthritis in the mouse. <i>Osteoarthritis and Cartilage</i> , <b>2010</b> , 18 Suppl 3, S17-23	6.2	816
64	Histopathology atlas of animal model systems - overview of guiding principles. <i>Osteoarthritis and Cartilage</i> , <b>2010</b> , 18 Suppl 3, S2-6	6.2	129
63	Neopeptide antibodies against MMP-cleaved and aggrecanase-cleaved aggrecan. <i>Methods in Molecular Biology</i> , <b>2010</b> , 622, 312-47	1.4	18
62	On the Horizon From the ORS. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , <b>2010</b> , 18, 243-246	4.5	
61	Activated protein C mediates a healing phenotype in cultured tenocytes. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 749-57	5.6	11
60	Activation of cartilage matrix metalloproteinases by activated protein C. <i>Arthritis and Rheumatism</i> , <b>2009</b> , 60, 780-91		39
59	Matrix metalloproteinase 13-deficient mice are resistant to osteoarthritic cartilage erosion but not chondrocyte hypertrophy or osteophyte development. <i>Arthritis and Rheumatism</i> , <b>2009</b> , 60, 3723-33		556
58	Topographical variation in the distributions of versican, aggrecan and perlecan in the foetal human spine reflects their diverse functional roles in spinal development. <i>Histochemistry and Cell Biology</i> , <b>2009</b> , 132, 491-503	2.4	30

57	Calcification in the ovine intervertebral disc: a model of hydroxyapatite deposition disease. <i>European Spine Journal</i> , <b>2009</b> , 18, 479-89	2.7	31
56	Evidence for articular cartilage regeneration in MRL/MpJ mice. <i>Osteoarthritis and Cartilage</i> , <b>2008</b> , 16, 1319-26	6.2	94
55	Drug insight: aggrecanases as therapeutic targets for osteoarthritis. <i>Nature Clinical Practice Rheumatology</i> , <b>2008</b> , 4, 420-7		76
54	Fragmentation of decorin, biglycan, lumican and keratocan is elevated in degenerate human meniscus, knee and hip articular cartilages compared with age-matched macroscopically normal and control tissues. <i>Arthritis Research and Therapy</i> , <b>2008</b> , 10, R79	5.7	96
53	The use of Histochoice for histological examination of articular and growth plate cartilages, intervertebral disc and meniscus. <i>Biotechnic and Histochemistry</i> , <b>2008</b> , 83, 47-53	1.8	18
52	Significant synovial pathology in a meniscectomy model of osteoarthritis: modification by intra-articular hyaluronan therapy. <i>Rheumatology</i> , <b>2008</b> , 47, 1172-8	3.9	73
51	Animal Models of Osteoarthritis. <i>Current Rheumatology Reviews</i> , <b>2008</b> , 4, 175-182	1.6	79
50	Changes in gait after bilateral meniscectomy in sheep: effect of two hyaluronan preparations. <i>Journal of Orthopaedic Science</i> , <b>2008</b> , 13, 514-23	1.6	21
49	Are animal models useful for studying human disc disorders/degeneration?. <i>European Spine Journal</i> , <b>2008</b> , 17, 2-19	2.7	502
48	Aggrecan, versican and type VI collagen are components of annular translamellar crossbridges in the intervertebral disc. <i>European Spine Journal</i> , <b>2008</b> , 17, 314-24	2.7	82
47	Recent advances in annular pathobiology provide insights into rim-lesion mediated intervertebral disc degeneration and potential new approaches to annular repair strategies. <i>European Spine Journal</i> , <b>2008</b> , 17, 1131-48	2.7	55
46	Modulation of aggrecan and ADAMTS expression in ovine tendinopathy induced by altered strain. <i>Arthritis and Rheumatism</i> , <b>2008</b> , 58, 1055-66		63
45	Proteomic characterization of mouse cartilage degradation in vitro. <i>Arthritis and Rheumatism</i> , <b>2008</b> , 58, 3120-31		49
44	Perlecan, the "jack of all trades" proteoglycan of cartilaginous weight-bearing connective tissues. <i>BioEssays</i> , <b>2008</b> , 30, 457-69	4.1	58
43	Blocking aggrecanase cleavage in the aggrecan interglobular domain abrogates cartilage erosion and promotes cartilage repair. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 3812-3812	15.9	2
42	Modulating chondrocyte hypertrophy in growth plate and osteoarthritic cartilage. <i>Journal of Musculoskeletal Neuronal Interactions</i> , <b>2008</b> , 8, 308-10	1.3	16
41	Low molecular weight isoforms of the aggrecanases are responsible for the cytokine-induced proteolysis of aggrecan in a porcine chondrocyte culture system. <i>Arthritis and Rheumatism</i> , <b>2007</b> , 56, 3010-9		37
40	Biglycan and fibromodulin fragmentation correlates with temporal and spatial annular remodelling in experimentally injured ovine intervertebral discs. <i>European Spine Journal</i> , <b>2007</b> , 16, 2193-205	2.7	53



39	Dynamic biomechanics correlate with histopathology in human tibial cartilage: a preliminary study. <i>Clinical Orthopaedics and Related Research</i> , <b>2007</b> , 462, 212-20	2.2	19
38	Blocking aggrecanase cleavage in the aggrecan interglobular domain abrogates cartilage erosion and promotes cartilage repair. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 1627-36	15.9	148
37	Proteoglycan 4 downregulation in a sheep meniscectomy model of early osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2006</b> , 8, R41	5.7	119
36	Regional assessment of articular cartilage gene expression and small proteoglycan metabolism in an animal model of osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2005</b> , 7, R852-61	5.7	67
35	Products resulting from cleavage of the interglobular domain of aggrecan in samples of synovial fluid collected from dogs with early- and late-stage osteoarthritis. <i>American Journal of Veterinary Research</i> , <b>2005</b> , 66, 1679-85	1.1	15
34	ADAMTS5 is the major aggrecanase in mouse cartilage in vivo and in vitro. <i>Nature</i> , <b>2005</b> , 434, 648-52	50.4	736
33	Cytokine induced metalloproteinase expression and activity does not correlate with focal susceptibility of articular cartilage to degeneration. <i>Osteoarthritis and Cartilage</i> , <b>2005</b> , 13, 162-70	6.2	33
32	Reduction of arthritis severity in protease-activated receptor-deficient mice. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 1325-32		50
31	ADAMTS-1-knockout mice do not exhibit abnormalities in aggrecan turnover in vitro or in vivo. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 1461-72		92
30	Matrix metalloproteinases are not essential for aggrecan turnover during normal skeletal growth and development. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 3388-99	4.8	42
29	Detection of aggrecanase- and MMP-generated catabolic neoepitopes in the rat iodoacetate model of cartilage degeneration. <i>Osteoarthritis and Cartilage</i> , <b>2004</b> , 12, 720-8	6.2	48
28	Aggrecanases 1 and 2 <b>2004</b> , 740-746		1
27	Recombinant equine growth hormone administration: effects on synovial fluid biomarkers and cartilage metabolism in horses. <i>Equine Veterinary Journal</i> , <b>2003</b> , 35, 302-7	2.4	13
26	Neoepitopes as biomarkers of cartilage catabolism. <i>Inflammation Research</i> , <b>2003</b> , 52, 277-82	7.2	28
25	Cyclosporin A inhibition of aggrecanase-mediated proteoglycan catabolism in articular cartilage. <i>Arthritis and Rheumatism</i> , <b>2002</b> , 46, 124-9		54
24	Pathologic indicators of degradation and inflammation in human osteoarthritic cartilage are abrogated by exposure to n-3 fatty acids. <i>Arthritis and Rheumatism</i> , <b>2002</b> , 46, 1544-53		192
23	Effects of n-3 fatty acids on cartilage metabolism. <i>Proceedings of the Nutrition Society</i> , <b>2002</b> , 61, 381-9	2.9	42
22	Spatial and temporal localization of transforming growth factor-beta, fibroblast growth factor-2, and osteonectin, and identification of cells expressing alpha-smooth muscle actin in the injured annulus fibrosus: implications for extracellular matrix repair. <i>Spine</i> , <b>2002</b> , 27, 1756-64	3.3	41

21	Matrix metalloproteinases are involved in C-terminal and interglobular domain processing of cartilage aggrecan in late stage cartilage degradation. <i>Matrix Biology</i> , <b>2002</b> , 21, 271-88	11.4	107
20	Catabolism of aggrecan, decorin and biglycan in tendon. <i>Biochemical Journal</i> , <b>2000</b> , 350, 181	3.8	34
19	n-3 fatty acids specifically modulate catabolic factors involved in articular cartilage degradation. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 721-4	5.4	197
18	Mechanisms involved in cartilage proteoglycan catabolism. <i>Matrix Biology</i> , <b>2000</b> , 19, 333-44	11.4	238
17	IL-6 and its soluble receptor augment aggrecanase-mediated proteoglycan catabolism in articular cartilage. <i>Matrix Biology</i> , <b>2000</b> , 19, 549-53	11.4	93
16	Effects of culture conditions and exposure to catabolic stimulators (IL-1 and retinoic acid) on the expression of matrix metalloproteinases (MMPs) and disintegrin metalloproteinases (ADAMs) by articular cartilage chondrocytes. <i>Matrix Biology</i> , <b>1999</b> , 18, 225-37	11.4	102
15	Expression of ADAMTS homologues in articular cartilage. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 260, 318-22	3.4	69
14	Aggrecanase versus matrix metalloproteinases in the catabolism of the interglobular domain of aggrecan in vitro. <i>Biochemical Journal</i> , <b>1999</b> , 344, 61	3.8	69
13	Detection of aggregatable proteoglycan populations by affinity blotting using biotinylated hyaluronan. <i>Analytical Biochemistry</i> , <b>1998</b> , 256, 149-57	3.1	21
12	Molecular cloning and sequence analysis of the aggrecan interglobular domain from porcine, equine, bovine and ovine cartilage: comparison of proteinase-susceptible regions and sites of keratan sulfate substitution. <i>Matrix Biology</i> , <b>1998</b> , 16, 507-11	11.4	24
11	Expression and activity of articular cartilage hyaluronidases. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 251, 824-9	3.4	102
10	Differential expression of aggrecanase and matrix metalloproteinase activity in chondrocytes isolated from bovine and porcine articular cartilage. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 30576-82	5.4	56
9	The effect of strenuous versus moderate exercise on the metabolism of proteoglycans in articular cartilage from different weight-bearing regions of the equine third carpal bone. <i>Osteoarthritis and Cartilage</i> , <b>1997</b> , 5, 161-72	6.2	31
8	Variation in proteoglycan metabolism by articular chondrocytes in different joint regions is determined by post-natal mechanical loading. <i>Osteoarthritis and Cartilage</i> , <b>1997</b> , 5, 49-62	6.2	75
7	Topographic variation in biglycan and decorin synthesis by articular cartilage in the early stages of osteoarthritis: an experimental study in sheep. <i>Journal of Orthopaedic Research</i> , <b>1996</b> , 14, 433-44	3.8	70
6	Effects of hyaluronans of different molecular weight on cartilage and synovial changes in an ovine model of osteoarthritis. <i>Immunology and Cell Biology</i> , <b>1996</b> , 74, a11-a11	5	
5	Tetanus in the horse: a review of 20 cases (1970 to 1990). <i>Journal of Veterinary Internal Medicine</i> , <b>1994</b> , 8, 128-32	3.1	47
4	Tumours of the paranasal sinuses in 16 horses. <i>Australian Veterinary Journal</i> , <b>1988</b> , 65, 86-8	1.2	16

3	Caecal overload and rupture in the horse. <i>Australian Veterinary Journal</i> , <b>1987</b> , 64, 85-6	1.2	19
2	A retrospective study of head fractures in 21 horses. <i>Australian Veterinary Journal</i> , <b>1985</b> , 62, 89-91	1.2	19
1	Fungal granuloma in a horse. <i>Australian Veterinary Journal</i> , <b>1984</b> , 61, 298-300	1.2	2