Christopher B Little

List of Publications by Year
in descending order

178 papers	11,139 citations	30070 54 h-index	32842 100 g-index
186 all docs	186 docs citations	186 times ranked	9646 citing authors

#	Article	IF	Citations
1	OA foundations â€" experimental models of osteoarthritis. Osteoarthritis and Cartilage, 2022, 30, 357-380.	1.3	24
2	Diurnal effects of polypharmacy with high drug burden index on physical activities over 23Âh differ with age and sex. Scientific Reports, 2022, 12, 2168.	3.3	7
3	Osteoarthritis Pathophysiology. Clinics in Geriatric Medicine, 2022, 38, 193-219.	2.6	17
4	Orthobiologics in Orthopaedic applications: A Report from the TMI Havemeyer Meeting on Orthobiologics. Journal of Cartilage & Joint Preservation, 2022, , 100055.	0.5	1
5	Muscle spindles of the multifidus muscle undergo structural change after intervertebral disc degeneration. European Spine Journal, 2022, 31, 1879-1888.	2.2	8
6	Metformin as a potential disease-modifying drug in osteoarthritis: a systematic review of pre-clinical and human studies. Osteoarthritis and Cartilage, 2022, 30, 1434-1442.	1.3	12
7	OATargets: a knowledge base of genes associated with osteoarthritis joint damage in animals. Annals of the Rheumatic Diseases, 2021, 80, 376-383.	0.9	21
8	Sex- and injury-based differences in knee biomechanics in mouse models of post-traumatic osteoarthritis. Journal of Biomechanics, 2021, 114, 110152.	2.1	12
9	Generation of a miR-26b stem-loop knockout human iPSC line, MCRIi019-A-1, using CRISPR/Cas9 editing. Stem Cell Research, 2021, 50, 102118.	0.7	0
10	Extracellular Vesicles from Mesenchymal Stromal Cells for the Treatment of Inflammation-Related Conditions. International Journal of Molecular Sciences, 2021, 22, 3023.	4.1	27
11	An international, multi-disciplinary Delphi study regarding statements for the definition of spinal osteoarthritis. Osteoarthritis and Cartilage, 2021, 29, S270-S271.	1.3	0
12	Limited utility of novel serological biomarkers in patients newly suspected of having giant cell arteritis. International Journal of Rheumatic Diseases, 2021, 24, 781-788.	1.9	4
13	Exploring translational gaps between basic scientists, clinical researchers, clinicians, and consumers: Proceedings and recommendations arising from the 2020 mine the gap online workshop. Osteoarthritis and Cartilage Open, 2021, 3, 100163.	2.0	1
14	Maleâ€"Female Differences in the Effects of Age on Performance Measures Recorded for 23 Hours in Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 2141-2146.	3.6	15
15	The Development of Disease-Modifying Therapies for Osteoarthritis (DMOADs): The Evidence to Date. Drug Design, Development and Therapy, 2021, Volume 15, 2921-2945.	4.3	89
16	Pathology-pain relationships in different osteoarthritis animal model phenotypes: it matters what you measure, when you measure, and how you got there. Osteoarthritis and Cartilage, 2021, 29, 1448-1461.	1.3	8
17	Long-term Effect of a Single Subcritical Knee Injury: Increasing the Risk of Anterior Cruciate Ligament Rupture and Osteoarthritis. American Journal of Sports Medicine, 2021, 49, 391-403.	4.2	11
18	Monocytes, Macrophages, and Their Potential Niches in Synovial Joints â€" Therapeutic Targets in Post-Traumatic Osteoarthritis?. Frontiers in Immunology, 2021, 12, 763702.	4.8	34

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19	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). BMJ Open, 2021, 11, e056382.	1.9	10
20	Prevention and early treatment, a future focus for OA research. Osteoarthritis and Cartilage, 2021, 29, 1627-1629.	1.3	1
21	Stem cell-directed therapies for osteoarthritis: The promise and the practice. Stem Cells, 2020, 38, 477-486.	3.2	19
22	Assessment for varicella zoster virus in patients newly suspected of having giant cell arteritis. Rheumatology, 2020, 59, 1992-1996.	1.9	14
23	Identification of the skeletal progenitor cells forming osteophytes in osteoarthritis. Annals of the Rheumatic Diseases, 2020, 79, 1625-1634.	0.9	48
24	Differential patterns of pathology in and interaction between joint tissues in long-term osteoarthritis with different initiating causes: phenotype matters. Osteoarthritis and Cartilage, 2020, 28, 953-965.	1.3	15
25	The relationship between synovial inflammation, structural pathology, and pain in post-traumatic osteoarthritis: differential effect of stem cell and hyaluronan treatment. Arthritis Research and Therapy, 2020, 22, 29.	3.5	31
26	Flow Cytometry Analysis of Immune Cell Subsets within the Murine Spleen, Bone Marrow, Lymph Nodes and Synovial Tissue in an Osteoarthritis Model. Journal of Visualized Experiments, 2020, , .	0.3	6
27	Effects of tendon injury on uninjured regional tendons in the distal limb: An in-vivo study using an ovine tendinopathy model. PLoS ONE, 2019, 14, e0215830.	2.5	9
28	Functionally distinct tendons have different biomechanical, biochemical and histological responses to in vitro unloading. Journal of Biomechanics, 2019, 95, 109321.	2.1	8
29	Adding insult to injury: synergistic effect of combining risk-factors in models of post-traumatic osteoarthritis. Osteoarthritis and Cartilage, 2019, 27, 1731-1734.	1.3	4
30	Intra-articular Treatment of Osteoarthritis with Diclofenac-Conjugated Polymer Reduces Inflammation and Pain. ACS Applied Bio Materials, 2019, 2, 2822-2832.	4.6	12
31	Disruption of glucocorticoid signalling in osteoblasts attenuates age-related surgically induced osteoarthritis. Osteoarthritis and Cartilage, 2019, 27, 1518-1525.	1.3	12
32	Developing strategic priorities in osteoarthritis research: Proceedings and recommendations arising from the 2017 Australian Osteoarthritis Summit. BMC Musculoskeletal Disorders, 2019, 20, 74.	1.9	12
33	Elevated hypertrophy, growth plate maturation, glycosaminoglycan deposition, and exostosis formation in the <i>Hspg2</i> exon 3 null mouse intervertebral disc. Biochemical Journal, 2019, 476, 225-243.	3.7	8
34	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. International Journal of Molecular Sciences, 2019, 20, 579.	4.1	23
35	Stem Cell-Derived Extracellular Vesicles for Treating Joint Injury and Osteoarthritis. Nanomaterials, 2019, 9, 261.	4.1	56
36	Preclinical randomized controlled trial of bilateral discectomy versus bilateral discopexy in Black Merino sheep temporomandibular joint: TEMPOJIMS â€“ Phase 1- histologic, imaging and body weight results. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 688-696.	1.7	10

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37	The role of fat and inflammation in the pathogenesis and management of osteoarthritis. Rheumatology, 2018, 57, iv10-iv21.	1.9	85
38	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?. Stem Cells and Development, 2018, 27, 147-165.	2.1	26
39	Hyaluronan oligosaccharides stimulate matrix metalloproteinase and anabolic gene expression<i>in vitro</i>by intervertebral disc cells and annular repair<i>in vivo</i>. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e216-e226.	2.7	28
40	Cartilage MicroRNA Dysregulation During the Onset and Progression of Mouse Osteoarthritis Is Independent of Aggrecanolysis and Overlaps With Candidates From Endâ€Stage Human Disease. Arthritis and Rheumatology, 2018, 70, 383-395.	5.6	21
41	Efficacy of administered mesenchymal stem cells in the initiation and coâ€ordination of repair processes by resident disc cells in an ovine (<scp><i>Ovis aries</i></scp>) large destabilizing lesion model of experimental disc degeneration. JOR Spine, 2018, 1, e1037.	3.2	24
42	Cellular, matrix, and mechano-biological differences in load-bearing versus positional tendons throughout development and aging: a narrative review. Connective Tissue Research, 2018, 59, 483-494.	2.3	13
43	Identification of TGFÎ²-related genes regulated in murine osteoarthritis and chondrocyte hypertrophy by comparison of multiple microarray datasets. Bone, 2018, 116, 67-77.	2.9	6
44	Macrophage polarization contributes to local inflammation and structural change in the multifidus muscle after intervertebral disc injury. European Spine Journal, 2018, 27, 1744-1756.	2.2	53
45	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. PeerJ, 2018, 6, e5120.	2.0	7
46	Using mouse models to investigate the pathophysiology, treatment, and prevention of postâ€traumatic osteoarthritis. Journal of Orthopaedic Research, 2017, 35, 424-439.	2.3	53
47	The biology of meniscal pathology in osteoarthritis and its contribution to joint disease: beyond simple mechanics. Connective Tissue Research, 2017, 58, 282-294.	2.3	25
48	Considerations for the design and execution of protocols for animal research and treatment to improve reproducibility and standardization: â€œDEPART well-prepared and ARRIVE safelyâ€. Osteoarthritis and Cartilage, 2017, 25, 354-363.	1.3	37
49	Utility of circulating serum miRNAs as biomarkers of early cartilage degeneration in animal models of post-traumatic osteoarthritis and inflammatory arthritis. Osteoarthritis and Cartilage, 2017, 25, 426-434.	1.3	32
50	Joint loads resulting in ACL rupture: Effects of age, sex, and body mass on injury load and mode of failure in a mouse model. Journal of Orthopaedic Research, 2017, 35, 1754-1763.	2.3	16
51	Comprehensive Expression Analysis of microRNAs and mRNAs in Synovial Tissue from a Mouse Model of Early Post-Traumatic Osteoarthritis. Scientific Reports, 2017, 7, 17701.	3.3	24
52	A Histopathological Scheme for the Quantitative Scoring of Intervertebral Disc Degeneration and the Therapeutic Utility of Adult Mesenchymal Stem Cells for Intervertebral Disc Regeneration. International Journal of Molecular Sciences, 2017, 18, 1049.	4.1	38
53	Proteoglycan and Collagen Degradation in Osteoarthritis. , 2017, , 41-61.		6
54	Spatiotemporal variations in gene expression, histology and biomechanics in an ovine model of tendinopathy. PLoS ONE, 2017, 12, e0185282.	2.5	13

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55	Bioengineered Temporomandibular Joint Disk Implants: Study Protocol for a Two-Phase Exploratory Randomized Preclinical Pilot Trial in 18 Black Merino Sheep (TEMPOJIMS). JMIR Research Protocols, 2017, 6, e37.	1.0	10
56	Mesenchymal Stem Cell Treatment of Intervertebral Disc Lesion Prevents Fatty Infiltration and Fibrosis of the Multifidus Muscle, but not Cytokine and Muscle Fiber Changes. Spine, 2016, 41, 1208-1217.	2.0	24
57	Immunolocalization and distribution of proteoglycans in carious dentine. Australian Dental Journal, 2016, 61, 288-297.	1.5	13
58	Ablation of Perlecan Domain 1 Heparan Sulfate Reduces Progressive Cartilage Degradation, Synovitis, and Osteophyte Size in a Preclinical Model of Posttraumatic Osteoarthritis. Arthritis and Rheumatology, 2016, 68, 868-879.	5.6	46
59	Use of FGF-2 and FGF-18 to direct bone marrow stromal stem cells to chondrogenic and osteogenic lineages. Future Science OA, 2016, 2, FSO142.	1.9	34
60	The CS Sulfation Motifs 4C3, 7D4, 3B3[â˜]; and Perlecan Identify Stem Cell Populations and Their Niches, Activated Progenitor Cells and Transitional Areas of Tissue Development in the Fetal Human Elbow. Stem Cells and Development, 2016, 25, 836-847.	2.1	23
61	Interleukin-1Î± induces focal degradation of biglycan and tissue degeneration in an in-vitro ovine meniscal model. Experimental and Molecular Pathology, 2016, 101, 214-220.	2.1	7
62	Chondroitin sulphate glycosaminoglycans contribute to widespread inferior biomechanics in tendon after focal injury. Journal of Biomechanics, 2016, 49, 2694-2701.	2.1	22
63	The role of proteoglycans in the nanoindentation creep behavior of human dentin. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 55, 264-270.	3.1	27
64	Effect of Manuka honey gel on the transforming growth factor Î²1 and Î²3 concentrations, bacterial counts and histomorphology of contaminated fullâ€thickness skin wounds in equine distal limbs. Australian Veterinary Journal, 2016, 94, 27-34.	1.1	34
65	The great debate: Should Osteoarthritis Research Focus on â€œMiceâ€•or â€œMenâ€?. Osteoarthritis and Cartilage, 2016, 24, 4-8.	1.3	8
66	Multifidus Muscle Changes After Back Injury Are Characterized by Structural Remodeling of Muscle, Adipose and Connective Tissue, but Not Muscle Atrophy. Spine, 2015, 40, 1057-1071.	2.0	105
67	Focal Experimental Injury Leads to Widespread Gene Expression and Histologic Changes in Equine Flexor Tendons. PLoS ONE, 2015, 10, e0122220.	2.5	18
68	On the predictive utility of animal models of osteoarthritis. Arthritis Research and Therapy, 2015, 17, 225.	3.5	123
69	OS6-3 RELATIONSHIP BETWEEN BIOMECHANICS AND PATHOLOGY IN A MOUSE KNEE INJURY MODEL(OS6:) Tj ETQq1 1 0.784314 rgBT Conference on Biomechanics Emerging Science and Technology in Biomechanics, 2015, 2015.8, 99.	0.0	0
70	Can Proinflammatory Cytokine Gene Expression Explain Multifidus Muscle Fiber Changes After an Intervertebral Disc Lesion?. Spine, 2014, 39, 1010-1017.	2.0	54
71	Treatment of Experimentally Induced Osteoarthritis in Horses Using an Intravenous Combination of Sodium Pentosan Polysulfate, Nâ€Acetyl Glucosamine, and Sodium Hyaluronan. Veterinary Surgery, 2014, 43, 612-622.	1.0	18
72	Depletion of Proteaseâ€Activated Receptor 2 but Not Proteaseâ€Activated Receptor 1 May Confer Protection Against Osteoarthritis in Mice Through Extracartilaginous Mechanisms. Arthritis and Rheumatology, 2014, 66, 3337-3348.	5.6	95

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73	Prevention and treatment of intervertebral disc degeneration with bone marrow derived stem (stromal) cells â€“ an in vivo study in sheep. Osteoarthritis and Cartilage, 2014, 22, S28-S29.	1.3	4
74	Endothelial protein C receptor-associated invasiveness of rheumatoid synovial fibroblasts is likely driven by group V secretory phospholipase A2. Arthritis Research and Therapy, 2014, 16, R44.	3.5	11
75	Activation of Matrix Metalloproteinases 2, 9, and 13 by Activated Protein C in Human Osteoarthritic Cartilage Chondrocytes. Arthritis and Rheumatology, 2014, 66, 1525-1536.	5.6	67
76	Advances in the understanding of tendinopathies: <scp>A</scp> report on the <scp>S</scp>econd <scp>H</scp>avemeyer <scp>W</scp>orkshop on equine tendon disease. Equine Veterinary Journal, 2014, 46, 4-9.	1.7	17
77	Characterisation of pain-related behaviours in association with joint pathology in an 8-week antigen-induced arthritis model. Osteoarthritis and Cartilage, 2014, 22, S36-S37.	1.3	3
78	Modulation of endochondral ossification by MEK inhibitors PD0325901 and AZD6244 (Selumetinib). Bone, 2014, 59, 151-161.	2.9	22
79	Bioactivity in an aggrecan 32mer fragment is mediated via toll-like receptors. Osteoarthritis and Cartilage, 2014, 22, S12.	1.3	0
80	Pathogenesis of post-traumatic OA with a view to intervention. Best Practice and Research in Clinical Rheumatology, 2014, 28, 17-30.	3.3	61
81	A hexadecylamide derivative of hyaluronan (HYMOVISÂ®) has superior beneficial effects on human osteoarthritic chondrocytes and synoviocytes than unmodified hyaluronan. Journal of Inflammation, 2013, 10, 26.	3.4	27
82	Post-traumatic osteoarthritis: from mouse models to clinical trials. Nature Reviews Rheumatology, 2013, 9, 485-497.	8.0	189
83	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. European Spine Journal, 2013, 22, 1774-1784.	2.2	17
84	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. Glycoconjugate Journal, 2013, 30, 717-725.	2.7	21
85	Comparison of gait and pathology outcomes of three meniscal procedures for induction of knee osteoarthritis in sheep. Osteoarthritis and Cartilage, 2013, 21, 226-236.	1.3	46
86	Altered stress induced by partial transection of the infraspinatus tendon leads to perlecan (HSPG2) accumulation in an ovine model of tendinopathy. Tissue and Cell, 2013, 45, 77-82.	2.2	9
87	A commentary on modelling osteoarthritis pain in small animals. Osteoarthritis and Cartilage, 2013, 21, 1316-1326.	1.3	121
88	Interactions between S100A8 and DDR2 mechanisms in cartilage degradation in osteoarthritis. Osteoarthritis and Cartilage, 2013, 21, S244.	1.3	0
89	The Circadian Clock in Murine Chondrocytes Regulates Genes Controlling Key Aspects of Cartilage Homeostasis. Arthritis and Rheumatism, 2013, 65, 2334-2345.	6.7	117
90	Transcriptomics of Wildâ€Type Mice and Mice Lacking ADAMTSâ€5 Activity Identifies Genes Involved in Osteoarthritis Initiation and Cartilage Destruction. Arthritis and Rheumatism, 2013, 65, 1547-1560.	6.7	56

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91	Maintaining mRNA Integrity during Decalcification of Mineralized Tissues. PLoS ONE, 2013, 8, e58154.	2.5	19
92	Mechanical Destabilization Induced by Controlled Annular Incision of the Intervertebral Disc Dysregulates Metalloproteinase Expression and Induces Disc Degeneration. Spine, 2012, 37, 18-25.	2.0	53
93	¹H NMR Spectroscopy of Serum Reveals Unique Metabolic Fingerprints Associated with Subtypes of Surgically Induced Osteoarthritis in Sheep. Journal of Proteome Research, 2012, 11, 4261-4268.	3.7	44
94	Chondroitin sulphate and heparan sulphate sulphation motifs and their proteoglycans are involved in articular cartilage formation during human foetal knee joint development. Histochemistry and Cell Biology, 2012, 138, 461-475.	1.7	42
95	The interaction of canonical bone morphogenetic protein- and Wnt-signaling pathways may play an important role in regulating cartilage degradation in osteoarthritis. Arthritis Research and Therapy, 2012, 14, 119.	3.5	11
96	Zonal differences in meniscus matrix turnover and cytokine response. Osteoarthritis and Cartilage, 2012, 20, 49-59.	1.3	57
97	What constitutes an â€œanimal model of osteoarthritisâ€•â€“ the need for consensus?. Osteoarthritis and Cartilage, 2012, 20, 261-267.	1.3	129
98	Distinct pain mechanisms in two different models of arthritis. Osteoarthritis and Cartilage, 2012, 20, S252-S253.	1.3	0
99	S100A8 and S100A9 act as â€˜primersâ€™ of a catabolic response in chondrocytes but additional signals are required to activate cartilage degradation. Osteoarthritis and Cartilage, 2012, 20, S30-S31.	1.3	0
100	Depletion of perlecan domain I heparan sulfate regulates fibroblast growth factor activity in cartilage and protects against cartilage loss and osteophyte development in post-traumatic osteoarthritis. Osteoarthritis and Cartilage, 2012, 20, S49.	1.3	0
101	Proteoglycan degradation by the ADAMTS family of proteinases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1616-1629.	3.8	148
102	Investigating ADAMTS-mediated aggrecanolysis in mouse cartilage. Nature Protocols, 2011, 6, 388-404.	12.0	63
103	Increased chondrocyte sclerostin may protect against cartilage degradation in osteoarthritis. Osteoarthritis and Cartilage, 2011, 19, 874-885.	1.3	172
104	The recent paper â€œMultimodal imaging demonstrates concomitant changes in bone and cartilage after destabilization of the medial meniscus and increased joint laxityâ€• Osteoarthritis and Cartilage, 2011, 19, 1076-1077.	1.3	2
105	Cartilage Intermediate Layer Protein 2 (CILP-2) Is Expressed in Articular and Meniscal Cartilage and Down-regulated in Experimental Osteoarthritis. Journal of Biological Chemistry, 2011, 286, 37758-37767.	3.4	66
106	Mutations in TRPV4 cause an inherited arthropathy of hands and feet. Nature Genetics, 2011, 43, 1142-1146.	21.4	134
107	Is Cartilage Matrix Breakdown an Appropriate Therapeutic Target in Osteoarthritis â€“ Insights from Studies of Aggrecan and Collagen Proteolysis?. Current Drug Targets, 2010, 11, 561-575.	2.1	65
108	A Detailed Microscopic Examination of Alterations in Normal Anular Structure Induced by Mechanical Destabilization in an Ovine Model of Disc Degeneration. Spine, 2010, 35, 1965-1973.	2.0	20

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109	Recombinant equine growth hormone administration: effects on synovial fluid biomarkers and cartilage metabolism in horses. Equine Veterinary Journal, 2010, 35, 302-307.	1.7	14
110	The OARSI histopathology initiative â€“ recommendations for histological assessments of osteoarthritis in sheep and goats. Osteoarthritis and Cartilage, 2010, 18, S80-S92.	1.3	171
111	The OARSI histopathology initiative â€“ recommendations for histological assessments of osteoarthritis in the mouse. Osteoarthritis and Cartilage, 2010, 18, S17-S23.	1.3	1,151
112	Histopathology atlas of animal model systems â€“ overview of guiding principles. Osteoarthritis and Cartilage, 2010, 18, S2-S6.	1.3	149
113	Immunolocalization of lymphatic vessels in human fetal knee joint tissues. Connective Tissue Research, 2010, 51, 289-305.	2.3	5
114	Anti-IgD antibody attenuates collagen-induced arthritis by selectively depleting mature B-cells and promoting immune tolerance. Journal of Autoimmunity, 2010, 35, 86-97.	6.5	31
115	S100A8 and S100A9 in experimental osteoarthritis. Arthritis Research and Therapy, 2010, 12, R16.	3.5	72
116	Neoepitope Antibodies Against MMP-Cleaved and Aggrecanase-Cleaved Aggrecan. Methods in Molecular Biology, 2010, 622, 305-340.	0.9	21
117	On the Horizon From the ORS. Journal of the American Academy of Orthopaedic Surgeons, The, 2010, 18, 243-246.	2.5	0
118	Activated protein C mediates a healing phenotype in cultured tenocytes. Journal of Cellular and Molecular Medicine, 2009, 13, 749-757.	3.6	13
119	Activation of cartilage matrix metalloproteinases by activated protein C. Arthritis and Rheumatism, 2009, 60, 780-791.	6.7	44
120	Matrix metalloproteinase 13â€“deficient mice are resistant to osteoarthritic cartilage erosion but not chondrocyte hypertrophy or osteophyte development. Arthritis and Rheumatism, 2009, 60, 3723-3733.	6.7	655
121	Topographical variation in the distributions of versican, aggrecan and perlecan in the foetal human spine reflects their diverse functional roles in spinal development. Histochemistry and Cell Biology, 2009, 132, 491-503.	1.7	38
122	Calcification in the ovine intervertebral disc: a model of hydroxyapatite deposition disease. European Spine Journal, 2009, 18, 479-489.	2.2	39
123	Changes in gait after bilateral meniscectomy in sheep: effect of two hyaluronan preparations. Journal of Orthopaedic Science, 2008, 13, 514-523.	1.1	23
124	Are animal models useful for studying human disc disorders/degeneration?. European Spine Journal, 2008, 17, 2-19.	2.2	611
125	Aggrecan, versican and type VI collagen are components of annular translamellar crossbridges in the intervertebral disc. European Spine Journal, 2008, 17, 314-324.	2.2	95
126	Recent advances in annular pathobiology provide insights into rim-lesion mediated intervertebral disc degeneration and potential new approaches to annular repair strategies. European Spine Journal, 2008, 17, 1131-1148.	2.2	67

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127	Modulation of aggrecan and ADAMTS expression in ovine tendinopathy induced by altered strain. Arthritis and Rheumatism, 2008, 58, 1055-1066.	6.7	67
128	Proteomic characterization of mouse cartilage degradation in vitro. Arthritis and Rheumatism, 2008, 58, 3120-3131.	6.7	58
129	Perlecan, the â€œjack of all tradesâ€•proteoglycan of cartilaginous weightâ€bearing connective tissues. BioEssays, 2008, 30, 457-469.	2.5	69
130	Evidence for articular cartilage regeneration in MRL/MpJ mice. Osteoarthritis and Cartilage, 2008, 16, 1319-1326.	1.3	115
131	Drug Insight: aggrecanases as therapeutic targets for osteoarthritis. Nature Clinical Practice Rheumatology, 2008, 4, 420-427.	3.2	89
132	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. Arthritis Research and Therapy, 2008, 10, R79.	3.5	113
133	The use of Histochoiceâ„¢Â® for histological examination of articular and growth plate cartilages, intervertebral disc and meniscus. Biotechnic and Histochemistry, 2008, 83, 47-53.	1.3	21
134	Significant synovial pathology in a meniscectomy model of osteoarthritis: modification by intra-articular hyaluronan therapy. Rheumatology, 2008, 47, 1172-1178.	1.9	81
135	Animal Models of Osteoarthritis. Current Rheumatology Reviews, 2008, 4, 175-182.	0.8	88
136	Blocking aggrecanase cleavage in the aggrecan interglobular domain abrogates cartilage erosion and promotes cartilage repair. Journal of Clinical Investigation, 2008, 118, 3812-3812.	8.2	4
137	Modulating chondrocyte hypertrophy in growth plate and osteoarthritic cartilage. Journal of Musculoskeletal Neuronal Interactions, 2008, 8, 308-10.	0.1	16
138	Dynamic Biomechanics Correlate with Histopathology in Human Tibial Cartilage. Clinical Orthopaedics and Related Research, 2007, 462, 212-220.	1.5	19
139	Low molecular weight isoforms of the aggrecanases are responsible for the cytokineâ€induced proteolysis of aggrecan in a porcine chondrocyte culture system. Arthritis and Rheumatism, 2007, 56, 3010-3019.	6.7	39
140	Biglycan and fibromodulin fragmentation correlates with temporal and spatial annular remodelling in experimentally injured ovine intervertebral discs. European Spine Journal, 2007, 16, 2193-2205.	2.2	64
141	Blocking aggrecanase cleavage in the aggrecan interglobular domain abrogates cartilage erosion and promotes cartilage repair. Journal of Clinical Investigation, 2007, 117, 1627-1636.	8.2	171
142	Proteoglycan 4 downregulation in a sheep meniscectomy model of early osteoarthritis. Arthritis Research and Therapy, 2006, 8, R41.	3.5	140
143	Products resulting from cleavage of the interglobular domain of aggrecan in samples of synovial fluid collected from dogs with early- and late-stage osteoarthritis. American Journal of Veterinary Research, 2005, 66, 1679-1685.	0.6	17
144	ADAMTS5 is the major aggrecanase in mouse cartilage in vivo and in vitro. Nature, 2005, 434, 648-652.	27.8	826

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145	Cytokine induced metalloproteinase expression and activity does not correlate with focal susceptibility of articular cartilage to degeneration. Osteoarthritis and Cartilage, 2005, 13, 162-170.	1.3	35
146	Reduction of arthritis severity in protease-activated receptor-deficient mice. Arthritis and Rheumatism, 2005, 52, 1325-1332.	6.7	54
147	ADAMTS-1-Knockout mice do not exhibit abnormalities in aggrecan turnover in vitro or in vivo. Arthritis and Rheumatism, 2005, 52, 1461-1472.	6.7	100
148	Matrix Metalloproteinases Are Not Essential for Aggrecan Turnover during Normal Skeletal Growth and Development. Molecular and Cellular Biology, 2005, 25, 3388-3399.	2.3	48
149	Regional assessment of articular cartilage gene expression and small proteoglycan metabolism in an animal model of osteoarthritis. Arthritis Research and Therapy, 2005, 7, R852.	3.5	77
150	Detection of aggrecanase- and MMP-generated catabolic neoepitopes in the rat iodoacetate model of cartilage degeneration. Osteoarthritis and Cartilage, 2004, 12, 720-728.	1.3	51
151	Aggrecanases 1 and 2. , 2004, , 740-746.		2
152	Neoepitopes as biomarkers of cartilage catabolism. Inflammation Research, 2003, 52, 277-282.	4.0	31
153	Effects ofn-3 fatty acids on cartilage metabolism. Proceedings of the Nutrition Society, 2002, 61, 381-389.	1.0	53
154	Spatial and Temporal Localization of Transforming Growth Factor-Î², Fibroblast Growth Factor-2, and Osteonectin, and Identification of Cells Expressing Î±-Smooth Muscle Actin in the Injured Anulus Fibrosus. Spine, 2002, 27, 1756-1764.	2.0	49
155	Matrix metalloproteinases are involved in C-terminal and interglobular domain processing of cartilage aggrecan in late stage cartilage degradation. Matrix Biology, 2002, 21, 271-288.	3.6	115
156	Cyclosporin A inhibition of aggrecanase-mediated proteoglycan catabolism in articular cartilage. Arthritis and Rheumatism, 2002, 46, 124-129.	6.7	60
157	Pathologic indicators of degradation and inflammation in human osteoarthritic cartilage are abrogated by exposure to n-3 fatty acids. Arthritis and Rheumatism, 2002, 46, 1544-1553.	6.7	214
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