

# Jean-Pierre Pelletier

## List of Publications by Year in descending order

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Version: 2024-02-01

243  
papers

20,262  
citations

9428

76  
h-index

13274

135  
g-index

245  
all docs

245  
docs citations

245  
times ranked

14927  
citing authors

#	ARTICLE	IF	CITATIONS
1	The relationship between knee loading during gait and cartilage thickness in nontraumatic and posttraumatic knee osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1778-1786.	1.2	2
2	An Open Debate on the Morphological Measurement Methodologies of the Infrapatellar Fat Pad to Determine Its Association with the Osteoarthritis Process. <i>Current Rheumatology Reports</i> , 2022, 24, 76-80.	2.1	2
3	Estrogenic impregnation alters pain expression: analysis through functional neuropeptidomics in a surgical rat model of osteoarthritis. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022, 395, 703-715.	1.4	4
4	Risk factors associated with the occurrence of total knee arthroplasty in patients with knee osteoarthritis: a nested caseâ€“control study. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2022, 14, 1759720X2210913.	1.2	1
5	A Machine Learning Model to Predict Knee Osteoarthritis Cartilage Volume Changes over Time Using Baseline Bone Curvature. <i>Biomedicines</i> , 2022, 10, 1247.	1.4	8
6	The association between change in bone marrow lesion size and change in tibiofemoral cartilage volume and knee symptoms. <i>Rheumatology</i> , 2021, 60, 2791-2800.	0.9	9
7	A warning machine learning algorithm for early knee osteoarthritis structural progressor patient screening. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2021, 13, 1759720X2199325.	1.2	24
8	Associations of blood pressure and arterial stiffness with knee cartilage volume in patients with knee osteoarthritis. <i>Rheumatology</i> , 2021, 60, 4748-4754.	0.9	2
9	Osteoarthritis Research Society International (OARSI): Past, present and future. <i>Osteoarthritis and Cartilage Open</i> , 2021, 3, 100146.	0.9	1
10	Machine Learningâ€“Based Individualized Survival Prediction Model for Total Knee Replacement in Osteoarthritis: Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2021, 73, 1518-1527.	1.5	21
11	Common Biochemical and Magnetic Resonance Imaging Biomarkers of Early Knee Osteoarthritis and of Exercise/Training in Athletes: A Narrative Review. <i>Diagnostics</i> , 2021, 11, 1488.	1.3	4
12	Clinical relevance of MRI knee abnormalities in Australian rules football players: a longitudinal study. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001097.	1.4	0
13	Associations of Joint Line Tenderness and Patellofemoral Grind With Longâ€“Term Knee Joint Outcomes: Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2020, 72, 778-786.	1.5	3
14	The bulge sign â€“ a simple physical examination for identifying progressive knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Rheumatology</i> , 2020, 59, 1288-1295.	0.9	5
15	Mesenchymal Stromal Cell Immunology for Efficient and Safe Treatment of Osteoarthritis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 567813.	1.8	21
16	Intra-articular corticosteroid knee injection induces a reduction in meniscal thickness with no treatment effect on cartilage volume: a caseâ€“control study. <i>Scientific Reports</i> , 2020, 10, 13789.	1.6	16
17	Identification of the most important features of knee osteoarthritis structural progressors using machine learning methods. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2020, 12, 1759720X2093346.	1.2	25
18	A continuous data driven translational model to evaluate effectiveness of population-level health interventions: case study, smoking ban in public places on hospital admissions for acute coronary events. <i>Journal of Translational Medicine</i> , 2020, 18, 466.	1.8	4

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19	Serum adipokines/related inflammatory factors and ratios as predictors of infrapatellar fat pad volume in osteoarthritis: Applying comprehensive machine learning approaches. <i>Scientific Reports</i> , 2020, 10, 9993.	1.6	13
20	An international, multicentre, double-blind, randomized study (DISSCO): effect of diacerein vs celecoxib on symptoms in knee osteoarthritis. <i>Rheumatology</i> , 2020, 59, 3858-3868.	0.9	26
21	A reliable time-series method for predicting arthritic disease outcomes: New step from regression toward a nonlinear artificial intelligence method. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 189, 105315.	2.6	12
22	Role of Lipocalin A Type Prostaglandin D Synthase in Experimental Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2020, 72, 1524-1533.	2.9	8
23	Effect of Intravenous Zoledronic Acid on Tibiofemoral Cartilage Volume Among Patients With Knee Osteoarthritis With Bone Marrow Lesions. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1456.	3.8	59
24	Viewpoint on Time Series and Interrupted Time Series Optimum Modeling for Predicting Arthritic Disease Outcomes. <i>Current Rheumatology Reports</i> , 2020, 22, 27.	2.1	3
25	In vivo protective effect of adipin-deficiency on spontaneous knee osteoarthritis in aging mice. <i>Aging</i> , 2020, 12, 2880-2896.	1.4	8
26	L-PGDS deficiency accelerated the development of naturally occurring age-related osteoarthritis. <i>Aging</i> , 2020, 12, 24778-24797.	1.4	7
27	Response to Bio-optimized Curcuma longa extract is efficient on knee osteoarthritis pain: a double-blind multicenter randomized placebo controlled three-arm study. <i>Arthritis Research and Therapy</i> , 2020, 22, 22.	1.6	0
28	Activation of The Phosphatidylcholine to Lysophosphatidylcholine Pathway Is Associated with Osteoarthritis Knee Cartilage Volume Loss Over Time. <i>Scientific Reports</i> , 2019, 9, 9648.	1.6	34
29	Sensitivity of functional targeted neuropeptide evaluation in testing pregabalin analgesic efficacy in a rat model of osteoarthritis pain. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2019, 46, 723-733.	0.9	3
30	An updated algorithm recommendation for the management of knee osteoarthritis from the European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO). <i>Seminars in Arthritis and Rheumatism</i> , 2019, 49, 337-350.	1.6	392
31	Knee effusion volume assessed by magnetic resonance imaging and progression of knee osteoarthritis: data from the Osteoarthritis Initiative. <i>Rheumatology</i> , 2019, 58, 246-253.	0.9	29
32	A new decision tree for diagnosis of osteoarthritis in primary care: international consensus of experts. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 19-30.	1.4	31
33	Machine-learning-based patient-specific prediction models for knee osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2019, 15, 49-60.	3.5	119
34	Osteoarthritic pain model influences functional outcomes and spinal neuropeptidomics: A pilot study in female rats. <i>Canadian Journal of Veterinary Research</i> , 2019, 83, 133-141.	0.2	4
35	Diacerein-containing products: same risk of diarrhoea?. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 411-412.	1.4	12
36	In vivo effect of opticin deficiency in cartilage in a surgically induced mouse model of osteoarthritis. <i>Scientific Reports</i> , 2018, 8, 457.	1.6	8

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37	How Do MRI-Detected Subchondral Bone Marrow Lesions (BMLs) on Two Different MRI Sequences Correlate with Clinically Important Outcomes?. <i>Calcified Tissue International</i> , 2018, 103, 131-143.	1.5	3
38	Validity of Combining History Elements and Physical Examination Tests to Diagnose Patellofemoral Pain. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 607-614.e1.	0.5	15
39	Exploring determinants predicting response to intra-articular hyaluronic acid treatment in symptomatic knee osteoarthritis: 9-year follow-up data from the Osteoarthritis Initiative. <i>Arthritis Research and Therapy</i> , 2018, 20, 40.	1.6	18
40	Reply. <i>Arthritis Care and Research</i> , 2018, 70, 168-168.	1.5	1
41	Refinement of the Montreal Instrument for Cat Arthritis Testing, for Use by Veterinarians: detection of naturally occurring osteoarthritis in laboratory cats. <i>Journal of Feline Medicine and Surgery</i> , 2018, 20, 728-740.	0.6	17
42	Diagnostic Validity of Combining History Elements and Physical Examination Tests for Traumatic and Degenerative Symptomatic Meniscal Tears. <i>PM and R</i> , 2018, 10, 472-482.	0.9	5
43	Knee pain as a predictor of structural progression over 4 years: data from the Osteoarthritis Initiative, a prospective cohort study. <i>Arthritis Research and Therapy</i> , 2018, 20, 250.	1.6	36
44	Initial derivation of diagnostic clusters combining history elements and physical examination tests for symptomatic knee osteoarthritis. <i>Musculoskeletal Care</i> , 2018, 16, 370-379.	0.6	2
45	Impact of oral osteoarthritis therapy usage among other risk factors on knee replacement: a nested case-control study using the Osteoarthritis Initiative cohort. <i>Arthritis Research and Therapy</i> , 2018, 20, 172.	1.6	16
46	Clinical diagnosis of partial or complete anterior cruciate ligament tears using patients' history elements and physical examination tests. <i>PLoS ONE</i> , 2018, 13, e0198797.	1.1	19
47	Peak vertical force in a stabilized canine cranial cruciate deficient stifle model: A one-year follow-up. <i>Canadian Journal of Veterinary Research</i> , 2018, 82, 159-161.	0.2	1
48	Spinal neuropeptide modulation, functional assessment and cartilage lesions in a monosodium iodoacetate rat model of osteoarthritis. <i>Neuropeptides</i> , 2017, 65, 56-62.	0.9	12
49	Bone curvature changes can predict the impact of treatment on cartilage volume loss in knee osteoarthritis: data from a 2-year clinical trial. <i>Rheumatology</i> , 2017, 56, 989-998.	0.9	11
50	Exacerbation of Aging-Associated and Instability-Induced Murine Osteoarthritis With Deletion of D Prostanoid Receptor 1, a Prostaglandin D <sub>2</sub> Receptor. <i>Arthritis and Rheumatology</i> , 2017, 69, 1784-1795.	2.9	11
51	Intra-articular hyaluronic acid in the treatment of knee osteoarthritis: a Canadian evidence-based perspective. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2017, 9, 231-246.	1.2	59
52	Levels of serum biomarkers from a two-year multicentre trial are associated with treatment response on knee osteoarthritis cartilage loss as assessed by magnetic resonance imaging: an exploratory study. <i>Arthritis Research and Therapy</i> , 2017, 19, 169.	1.6	30
53	Analgesic efficacy of tramadol in cats with naturally occurring osteoarthritis. <i>PLoS ONE</i> , 2017, 12, e0175565.	1.1	35
54	Analgesic efficacy of an oral transmucosal spray formulation of meloxicam alone or in combination with tramadol in cats with naturally occurring osteoarthritis. <i>Veterinary Anaesthesia and Analgesia</i> , 2016, 43, 643-651.	0.3	34

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55	Long-Term Effects of Glucosamine and Chondroitin Sulfate on the Progression of Structural Changes in Knee Osteoarthritis: Six-Year Followup Data From the Osteoarthritis Initiative. <i>Arthritis Care and Research</i> , 2016, 68, 1560-1566.	1.5	30
56	Correlation Between Changes in Global Knee Structures Assessed by Magnetic Resonance Imaging and Radiographic Osteoarthritis Changes Over Ten Years in a Midlife Cohort. <i>Arthritis Care and Research</i> , 2016, 68, 958-964.	1.5	7
57	Measuring Disease Progression in Osteoarthritis. <i>Current Treatment Options in Rheumatology</i> , 2016, 2, 97-110.	0.6	10
58	Concurrent validity of different functional and neuroproteomic pain assessment methods in the rat osteoarthritis monosodium iodoacetate (MIA) model. <i>Arthritis Research and Therapy</i> , 2016, 18, 150.	1.6	26
59	Chondroitin sulfate efficacy versus celecoxib on knee osteoarthritis structural changes using magnetic resonance imaging: a 2-year multicentre exploratory study. <i>Arthritis Research and Therapy</i> , 2016, 18, 256.	1.6	38
60	Osteoarthritis. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16072.	18.1	1,011
61	Does cartilage volume measurement or radiographic osteoarthritis at baseline independently predict ten-year cartilage volume loss?. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 54.	0.8	6
62	Natural history and clinical significance of meniscal tears over 8 years in a midlife cohort. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 4.	0.8	20
63	Combined chondroitin sulfate and glucosamine for painful knee osteoarthritis: a multicentre, randomised, double-blind, non-inferiority trial versus celecoxib. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 37-44.	0.5	194
64	Efficacy and safety of oral NSAIDs and analgesics in the management of osteoarthritis: Evidence from real-life setting trials and surveys. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, S22-S27.	1.6	101
65	Diacerein: Benefits, Risks and Place in the Management of Osteoarthritis. An Opinion-Based Report from the ESCEO. <i>Drugs and Aging</i> , 2016, 33, 75-85.	1.3	116
66	A consensus statement on the European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis (ESCEO) algorithm for the management of knee osteoarthritis—From evidence-based medicine to the real-life setting. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, S3-S11.	1.6	203
67	The levels of the adipokines adiponin and leptin are associated with knee osteoarthritis progression as assessed by MRI and incidence of total knee replacement in symptomatic osteoarthritis patients: a post hoc analysis. <i>Rheumatology</i> , 2016, 55, 680-688.	0.9	51
68	Efficacy and safety of topical NSAIDs in the management of osteoarthritis: Evidence from real-life setting trials and surveys. <i>Seminars in Arthritis and Rheumatism</i> , 2016, 45, S18-S21.	1.6	157
69	Animal models of osteoarthritis. , 2015, , 1454-1461.		4
70	Magnetic Resonance Imaging—Assessed Vastus Medialis Muscle Fat Content and Risk for Knee Osteoarthritis Progression: Relevance From a Clinical Trial. <i>Arthritis Care and Research</i> , 2015, 67, 1406-1415.	1.5	26
71	Discrepancies in Composition and Biological Effects of Different Formulations of Chondroitin Sulfate. <i>Molecules</i> , 2015, 20, 4277-4289.	1.7	84
72	History of knee injury and MRI-assessed knee structures in middle- and older-aged adults: a cross-sectional study. <i>Clinical Rheumatology</i> , 2015, 34, 1463-1472.	1.0	4

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73	Meniscal extrusion promotes knee osteoarthritis structural progression: protective effect of strontium ranelate treatment in a phase III clinical trial. <i>Arthritis Research and Therapy</i> , 2015, 17, 82.	1.6	25
74	Response to: "Concerns about report suggesting glucosamine and chondroitin protect against cartilage loss" by Felson. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, e39-e39.	0.5	0
75	PPAR $\beta$ deficiency results in severe, accelerated osteoarthritis associated with aberrant mTOR signalling in the articular cartilage. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 569-578.	0.5	186
76	Disease-modifying effect of strontium ranelate in a subset of patients from the Phase III knee osteoarthritis study SEKOIA using quantitative MRI: reduction in bone marrow lesions protects against cartilage loss. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 422-429.	0.5	106
77	Can We Identify Patients with High Risk of Osteoarthritis Progression Who Will Respond to Treatment? A Focus on Biomarkers and Frailty. <i>Drugs and Aging</i> , 2015, 32, 525-535.	1.3	31
78	Impact of disease treatments on the progression of knee osteoarthritis structural changes related to meniscal extrusion: Data from the OAI progression cohort. <i>Seminars in Arthritis and Rheumatism</i> , 2015, 45, 257-267.	1.6	21
79	[ <sup>18</sup> F]-fluorodeoxyglucose positron emission tomography of the cat brain: A feasibility study to investigate osteoarthritis-associated pain. <i>Veterinary Journal</i> , 2015, 204, 299-303.	0.6	19
80	Drug/Agent Treatments for Osteoarthritis: Present and Future. , 2015, , 191-210.		3
81	Coxofemoral joint kinematics using video fluoroscopic images of treadmill-walking cats: development of a technique to assess osteoarthritis-associated disability. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 134-143.	0.6	4
82	Cartilage-specific deletion of mTOR upregulates autophagy and protects mice from osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1432-1440.	0.5	322
83	First-line analysis of the effects of treatment on progression of structural changes in knee osteoarthritis over 24 months: data from the osteoarthritis initiative progression cohort. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 547-556.	0.5	81
84	The presence of meniscal lesions is a strong predictor of neuropathic pain in symptomatic knee osteoarthritis: a cross-sectional pilot study. <i>Arthritis Research and Therapy</i> , 2014, 16, 507.	1.6	50
85	Responsiveness of Magnetic Resonance Imaging-derived Measures Over 2.7 Years. <i>Journal of Rheumatology</i> , 2014, 41, 2060-2067.	1.0	8
86	An algorithm recommendation for the management of knee osteoarthritis in Europe and internationally: A report from a task force of the European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis (ESCEO). <i>Seminars in Arthritis and Rheumatism</i> , 2014, 44, 253-263.	1.6	414
87	A medicinal herb-based natural health product improves the condition of a canine natural osteoarthritis model: A randomized placebo-controlled trial. <i>Research in Veterinary Science</i> , 2014, 97, 574-581.	0.9	19
88	Association between sensitisation and pain-related behaviours in an experimental canine model of osteoarthritis. <i>Pain</i> , 2014, 155, 2071-2079.	2.0	10
89	Evoked Temporal Summation in Cats to Highlight Central Sensitization Related to Osteoarthritis-Associated Chronic Pain: A Preliminary Study. <i>PLoS ONE</i> , 2014, 9, e97347.	1.1	26
90	Health economics in the field of osteoarthritis: An Expert's consensus paper from the European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis (ESCEO). <i>Seminars in Arthritis and Rheumatism</i> , 2013, 43, 303-313.	1.6	239

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91	New and emerging treatments for osteoarthritis management: will the dream come true with personalized medicine?. <i>Expert Opinion on Pharmacotherapy</i> , 2013, 14, 2059-2077.	0.9	24
92	Total Knee Replacement as a Knee Osteoarthritis Outcome. <i>Cartilage</i> , 2013, 4, 219-226.	1.4	29
93	Adult Cartilage-Specific Peroxisome Proliferator-Activated Receptor Gamma Knockout Mice Exhibit the Spontaneous Osteoarthritis Phenotype. <i>American Journal of Pathology</i> , 2013, 182, 1099-1106.	1.9	63
94	Strontium ranelate reduces the progression of experimental dog osteoarthritis by inhibiting the expression of key proteases in cartilage and of IL-1 $\beta$ in the synovium. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 250-257.	0.5	68
95	A Posteriori Comparison of Natural and Surgical Destabilization Models of Canine Osteoarthritis. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	30
96	Assessment of Cartilage Changes Over Time in Knee Osteoarthritis Disease-Modifying Osteoarthritis Drug Trials Using Semiquantitative and Quantitative Methods: Pros and Cons. <i>Arthritis Care and Research</i> , 2013, 65, 686-694.	1.5	24
97	Expression of Peroxisome Proliferator-activated Receptors $\hat{1}\alpha$ , $\hat{1}\beta$ , $\hat{1}\gamma$ , and H- and L-Prostaglandin D Synthase During Osteoarthritis in the Spontaneous Hartley Guinea Pig and Experimental Dog Models. <i>Journal of Rheumatology</i> , 2013, 40, 877-890.	1.0	17
98	Reliability and sensitivity to change of IW-TSE versus DESS magnetic resonance imaging sequences in the assessment of bone marrow lesions in knee osteoarthritis patients: Longitudinal data from the Osteoarthritis Initiative (OAI) cohort. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 337-345.	0.2	5
99	<i>Brachyctenium calycinum</i> D. Don Effectively Reduces the Locomotor Disability in Dogs with Naturally Occurring Osteoarthritis: A Randomized Placebo-Controlled Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	0.5	12
100	Influence of Tumor Necrosis Factor $\hat{1}\alpha$ , Parathyroid Hormone, and Vitamin D <sub>3</sub> on Modulation of the RANKL2 Isoform. <i>Cartilage</i> , 2012, 3, 100-103.	1.4	1
101	In vivo bone-specific EphB4 overexpression in mice protects both subchondral bone and cartilage during osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3614-3625.	6.7	31
102	Future therapeutics for osteoarthritis. <i>Bone</i> , 2012, 51, 297-311.	1.4	93
103	Clinical validity of outcome pain measures in naturally occurring canine osteoarthritis. <i>BMC Veterinary Research</i> , 2012, 8, 162.	0.7	42
104	Egr-1 contributes to IL-1-mediated down-regulation of peroxisome proliferator-activated receptor $\hat{1}\gamma$ expression in human osteoarthritic chondrocytes. <i>Arthritis Research and Therapy</i> , 2012, 14, R69.	1.6	25
105	A fully automated system for quantification of knee bone marrow lesions using MRI and the osteoarthritis initiative cohort. <i>Journal of Biomedical Graphics and Computing</i> , 2012, 3, .	0.2	6
106	Egr-1 mediates the suppressive effect of IL-1 on PPAR $\gamma$ expression in human OA chondrocytes. <i>FASEB Journal</i> , 2012, 26, lb80.	0.2	0
107	Peroxisome proliferator-activated receptor gamma in osteoarthritis. <i>Modern Rheumatology</i> , 2011, 21, 1-9.	0.9	57
108	Risk factors predictive of joint replacement in a 2-year multicentre clinical trial in knee osteoarthritis using MRI: results from over 6 years of observation. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1382-1388.	0.5	93

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109	Tiludronate treatment improves structural changes and symptoms of osteoarthritis in the canine anterior cruciate ligament model. <i>Arthritis Research and Therapy</i> , 2011, 13, R98.	1.6	86
110	Role of proinflammatory cytokines in the pathophysiology of osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2011, 7, 33-42.	3.5	1,973
111	Strontium ranelate inhibits key factors affecting bone remodeling in human osteoarthritic subchondral bone osteoblasts. <i>Bone</i> , 2011, 49, 559-567.	1.4	103
112	A fully automated human knee 3D MRI bone segmentation using the ray casting technique. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 1413-1424.	1.6	49
113	Treatment with Tiludronic Acid Helps Reduce the Development of Experimental Osteoarthritis Lesions in Dogs with Anterior Cruciate Ligament Transection Followed by Reconstructive Surgery: A 1-Year Study with Quantitative Magnetic Resonance Imaging. <i>Journal of Rheumatology</i> , 2011, 38, 118-128.	1.0	20
114	Chondroitin sulphate reduces both cartilage volume loss and bone marrow lesions in knee osteoarthritis patients starting as early as 6 months after initiation of therapy: a randomised, double-blind, placebo-controlled pilot study using MRI. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 982-989.	0.5	164
115	Proteinase-activated Receptor-2 Gene Disruption Limits the Effect of Osteoarthritis on Cartilage in Mice: A Novel Target in Joint Degradation. <i>Journal of Rheumatology</i> , 2011, 38, 911-920.	1.0	30
116	Peroxisome proliferator-activated receptor gamma in osteoarthritis. <i>Modern Rheumatology</i> , 2011, 21, 1-9.	0.9	46
117	Animal models of osteoarthritis. , 2011, , 1731-1739.e2.		3
118	Valproic acid suppresses interleukin-1 $\alpha$ -induced microsomal prostaglandin E2 Synthase-1 expression in chondrocytes. <i>FASEB Journal</i> , 2011, 25, 945.14.	0.2	0
119	Prostaglandin D2 enhances interleukin-1 $\alpha$ -induced cyclooxygenase-2 expression in osteoarthritic cartilage. <i>FASEB Journal</i> , 2011, 25, 945.15.	0.2	0
120	Interleukin-1 $\alpha$ -induced cyclooxygenase-2 and inducible nitric oxide synthase expression in human OA chondrocytes is associated with histone H3K4 methylation. <i>FASEB Journal</i> , 2011, 25, 945.4.	0.2	0
121	Automatic Human Knee Cartilage Segmentation From 3-D Magnetic Resonance Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 2699-2711.	2.5	98
122	An Open-Label Pilot Study Evaluating by Magnetic Resonance Imaging the Potential for a Disease-Modifying Effect of Celecoxib Compared to a Modelized Historical Control Cohort in the Treatment of Knee Osteoarthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2010, 40, 185-192.	1.6	38
123	Targeting subchondral bone for treating osteoarthritis: what is the evidence?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2010, 24, 51-70.	1.4	147
124	Experimental models of osteoarthritis: usefulness in the development of disease-modifying osteoarthritis drugs/agents. <i>Therapy: Open Access in Clinical Medicine</i> , 2010, 7, 621-634.	0.2	12
125	Relationship between bone marrow lesions, cartilage loss and pain in knee osteoarthritis: results from a randomised controlled clinical trial using MRI. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 2118-2124.	0.5	58
126	Bone marrow lesions in people with knee osteoarthritis predict progression of disease and joint replacement: a longitudinal study. <i>Rheumatology</i> , 2010, 49, 2413-2419.	0.9	178



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127	Variable Effects of 3 Different Chondroitin Sulfate Compounds on Human Osteoarthritic Cartilage/Chondrocytes: Relevance of Purity and Production Process. <i>Journal of Rheumatology</i> , 2010, 37, 656-664.	1.0	47
128	Meniscal extrusion predicts increases in subchondral bone marrow lesions and bone cysts and expansion of subchondral bone in osteoarthritic knees. <i>Rheumatology</i> , 2010, 49, 997-1004.	0.9	101
129	Oral treatment with a <i>Brachystemma calycinum</i> D don plant extract reduces disease symptoms and the development of cartilage lesions in experimental dog osteoarthritis: inhibition of protease-activated receptor 2. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1179-1184.	0.5	13
130	Effects of diacerein at the molecular level in the osteoarthritis disease process. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2010, 2, 95-104.	1.2	79
131	Bone marrow lesions predict site-specific cartilage defect development and volume loss: a prospective study in older adults. <i>Arthritis Research and Therapy</i> , 2010, 12, R222.	1.6	96
132	Fully automated system for the quantification of human osteoarthritic knee joint effusion volume using magnetic resonance imaging. <i>Arthritis Research and Therapy</i> , 2010, 12, R173.	1.6	35
133	New Perspective in Osteoarthritis: The OPG and RANKL System as a Potential Therapeutic Target?. <i>Keio Journal of Medicine</i> , 2009, 58, 29-40.	0.5	90
134	Imaging in osteoarthritis trials: useful or just expensive?. <i>Nature Clinical Practice Rheumatology</i> , 2009, 5, 76-77.	3.2	2
135	Modulation of OPG, RANK and RANKL by human chondrocytes and their implication during osteoarthritis. <i>Rheumatology</i> , 2009, 48, 1482-1490.	0.9	99
136	Altered mineralization of human osteoarthritic osteoblasts is attributable to abnormal type I collagen production. <i>Arthritis and Rheumatism</i> , 2009, 60, 1438-1450.	6.7	130
137	Protective effects of total fraction of avocado/soybean unsaponifiables on the structural changes in experimental dog osteoarthritis: inhibition of nitric oxide synthase and matrix metalloproteinase-13. <i>Arthritis Research and Therapy</i> , 2009, 11, R41.	1.6	84
138	Human articular chondrocytes express 15-lipoxygenase-1 and -2: potential role in osteoarthritis. <i>Arthritis Research and Therapy</i> , 2009, 11, R44.	1.6	28
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