

# Francisco J Blanco Garcia

## List of Publications by Year in descending order

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395  
papers

21,921  
citations

10389

72  
h-index

12946

131  
g-index

408  
all docs

408  
docs citations

408  
times ranked

21578  
citing authors

#	ARTICLE	IF	CITATIONS
1	OARSI guidelines for the non-surgical management of knee, hip, and polyarticular osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1578-1589.	1.3	1,746
2	Tofacitinib or Adalimumab versus Placebo in Rheumatoid Arthritis. <i>New England Journal of Medicine</i> , 2012, 367, 508-519.	27.0	810
3	Osteoarthritis chondrocytes die by apoptosis: A possible pathway for osteoarthritis pathology. <i>Arthritis and Rheumatism</i> , 1998, 41, 284-289.	6.7	583
4	Tocilizumab monotherapy versus adalimumab monotherapy for treatment of rheumatoid arthritis (ADACTA): a randomised, double-blind, controlled phase 4 trial. <i>Lancet</i> , The, 2013, 381, 1541-1550.	13.7	568
5	Autophagy is a protective mechanism in normal cartilage, and its aging-related loss is linked with cell death and osteoarthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 791-801.	6.7	531
6	Abatacept in children with juvenile idiopathic arthritis: a randomised, double-blind, placebo-controlled withdrawal trial. <i>Lancet</i> , The, 2008, 372, 383-391.	13.7	486
7	Chondrocyte apoptosis induced by nitric oxide. <i>American Journal of Pathology</i> , 1995, 146, 75-85.	3.8	470
8	Zoledronic acid and risedronate in the prevention and treatment of glucocorticoid-induced osteoporosis (HORIZON): a multicentre, double-blind, double-dummy, randomised controlled trial. <i>Lancet</i> , The, 2009, 373, 1253-1263.	13.7	452
9	Call for standardized definitions of osteoarthritis and risk stratification for clinical trials and clinical use. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1233-1241.	1.3	416
10	The role of mitochondria in osteoarthritis. <i>Nature Reviews Rheumatology</i> , 2011, 7, 161-169.	8.0	371
11	Autophagy activation by rapamycin reduces severity of experimental osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 575-581.	0.9	364
12	2018 update of the EULAR recommendations for the management of hand osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 16-24.	0.9	273
13	Glucosamine sulfate in the treatment of knee osteoarthritis symptoms: A randomized, double-blind, placebo-controlled study using acetaminophen as a side comparator. <i>Arthritis and Rheumatism</i> , 2007, 56, 555-567.	6.7	248
14	Apremilast, an oral phosphodiesterase 4 inhibitor, in patients with psoriatic arthritis and current skin involvement: a phase III, randomised, controlled trial (PALACE 3). <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1065-1073.	0.9	225
15	Major histocompatibility complex associations of ankylosing spondylitis are complex and involve further epistasis with ERAP1. <i>Nature Communications</i> , 2015, 6, 7146.	12.8	220
16	Long-term safety and efficacy of abatacept in children with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 1792-1802.	6.7	204
17	Mitochondrial respiratory activity is altered in osteoarthritic human articular chondrocytes. <i>Arthritis and Rheumatism</i> , 2003, 48, 700-708.	6.7	195
18	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.	0.9	194

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19	Intravenous administration of expanded allogeneic adipose-derived mesenchymal stem cells in refractory rheumatoid arthritis (Cx611): results of a multicentre, dose escalation, randomised, single-blind, placebo-controlled phase Ib/IIa clinical trial. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 196-202.	0.9	194
20	Cell Death and Apoptosis in Osteoarthritic Cartilage. <i>Current Drug Targets</i> , 2007, 8, 333-345.	2.1	184
21	Growth factor responsiveness of human articular chondrocytes in aging and development. <i>Arthritis and Rheumatism</i> , 1995, 38, 960-968.	6.7	182
22	ImmunoChip Analysis Identifies Multiple Susceptibility Loci for Systemic Sclerosis. <i>American Journal of Human Genetics</i> , 2014, 94, 47-61.	6.2	182
23	Mitochondrial Dysregulation of Osteoarthritic Human Articular Chondrocytes Analyzed by Proteomics. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 172-189.	3.8	177
24	Anadamide, an endogenous cannabinoid receptor agonist inhibits lymphocyte proliferation and induces apoptosis. <i>Journal of Neuroimmunology</i> , 1994, 55, 107-115.	2.3	168
25	Synoviocyte-Derived CXCL12 Is Displayed on Endothelium and Induces Angiogenesis in Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2003, 170, 2147-2152.	0.8	164
26	Cytokines, tumor necrosis factor- $\alpha$ and interleukin-1 $\beta$ , differentially regulate apoptosis in osteoarthritis cultured human chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 660-669.	1.3	163
27	A 40-month multicentre, randomised placebo-controlled study to assess the efficacy and carry-over effect of repeated intra-articular injections of hyaluronic acid in knee osteoarthritis: the AMELIA project. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1957-1962.	0.9	159
28	Characterization of microRNA expression profiles in normal and osteoarthritic human chondrocytes. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 144.	1.9	156
29	Mitochondrial dysfunction in osteoarthritis. <i>Mitochondrion</i> , 2004, 4, 715-728.	3.4	153
30	Secukinumab in Active Rheumatoid Arthritis: A Phase III Randomized, Double-blind, Active Comparator and Placebo-controlled Study. <i>Arthritis and Rheumatology</i> , 2017, 69, 1144-1153.	5.6	144
31	The IL23R Arg381Gln non-synonymous polymorphism confers susceptibility to ankylosing spondylitis. <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1451-1454.	0.9	142
32	Autophagy Activation and Protection From Mitochondrial Dysfunction in Human Chondrocytes. <i>Arthritis and Rheumatology</i> , 2015, 67, 966-976.	5.6	142
33	Genome-wide DNA methylation analysis of articular chondrocytes reveals a cluster of osteoarthritic patients. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 668-677.	0.9	141
34	A Phase II Trial of Lutikizumab, an Anti-Interleukin-1 $\beta$ /1 $\alpha$ Dual Variable Domain Immunoglobulin, in Knee Osteoarthritis Patients With Synovitis. <i>Arthritis and Rheumatology</i> , 2019, 71, 1056-1069.	5.6	137
35	Replication of recently identified systemic lupus erythematosus genetic associations: a case-control study. <i>Arthritis Research and Therapy</i> , 2009, 11, R69.	3.5	131
36	Mitochondrial dysfunction increases inflammatory responsiveness to cytokines in normal human chondrocytes. <i>Arthritis and Rheumatism</i> , 2012, 64, 2927-2936.	6.7	130

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37	IL-1-Induced Nitric Oxide Inhibits Chondrocyte Proliferation via PGE2. <i>Experimental Cell Research</i> , 1995, 218, 319-325.	2.6	122
38	Effect of nitric oxide on mitochondrial respiratory activity of human articular chondrocytes. <i>Annals of the Rheumatic Diseases</i> , 2004, 64, 388-395.	0.9	122
39	Mitochondrial activity is modulated by TNF $\alpha$ and IL-1 $\beta$ in normal human chondrocyte cells. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 1011-1022.	1.3	121
40	Mechanical injury suppresses autophagy regulators and pharmacologic activation of autophagy results in chondroprotection. <i>Arthritis and Rheumatism</i> , 2012, 64, 1182-1192.	6.7	121
41	Comparable long-term efficacy, as assessed by patient-reported outcomes, safety and pharmacokinetics, of CT-P13 and reference infliximab in patients with ankylosing spondylitis: 54-week results from the randomized, parallel-group PLANETAS study. <i>Arthritis Research and Therapy</i> , 2016, 18, 25.	3.5	120
42	Insights into the genetic architecture of osteoarthritis from stage 1 of the arcOGEN study. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 864-867.	0.9	119
43	Prevalence of hospital PCR-confirmed COVID-19 cases in patients with chronic inflammatory and autoimmune rheumatic diseases. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1170-1173.	0.9	115
44	Multilineage differentiation potential of cells isolated from the human amniotic membrane. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 846-857.	2.6	114
45	Mitochondrial DNA variation and the pathogenesis of osteoarthritis phenotypes. <i>Nature Reviews Rheumatology</i> , 2018, 14, 327-340.	8.0	112
46	Proteomic analysis of human osteoarthritic chondrocytes reveals protein changes in stress and glycolysis. <i>Proteomics</i> , 2008, 8, 495-507.	2.2	108
47	Assessment of Osteoarthritis Candidate Genes in a Meta-Analysis of Nine Genome-Wide Association Studies. <i>Arthritis and Rheumatology</i> , 2014, 66, 940-949.	5.6	108
48	A meta-analysis of genome-wide association studies identifies novel variants associated with osteoarthritis of the hip. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 2130-2136.	0.9	108
49	Proteomic characterization of human normal articular chondrocytes: A novel tool for the study of osteoarthritis and other rheumatic diseases. <i>Proteomics</i> , 2005, 5, 3048-3059.	2.2	106
50	Differential protein profiling of synovial fluid from rheumatoid arthritis and osteoarthritis patients using LC-MALDI TOF/TOF. <i>Journal of Proteomics</i> , 2012, 75, 2869-2878.	2.4	106
51	Regulation of cyclooxygenase-2 expression in normal human articular chondrocytes. <i>Journal of Immunology</i> , 1995, 155, 796-801.	0.8	106
52	ILA, a member of the human nerve growth factor/tumor necrosis factor receptor family, regulates T-lymphocyte proliferation and survival. <i>Blood</i> , 1996, 87, 2839-2845.	1.4	103
53	Differentiation of synovial CD105 <sup>+</sup> human mesenchymal stem cells into chondrocyte-like cells through spheroid formation. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 145-155.	2.6	100
54	Human amniotic membrane as an alternative source of stem cells for regenerative medicine. <i>Differentiation</i> , 2011, 81, 162-171.	1.9	100

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55	Subcutaneous tanezumab for osteoarthritis of the hip or knee: efficacy and safety results from a 24-week randomised phase III study with a 24-week follow-up period. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 800-810.	0.9	98
56	Mitochondrial DNA haplogroups: Role in the prevalence and severity of knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 2387-2396.	6.7	96
57	Chondrogenic potential of subpopulations of cells expressing mesenchymal stem cell markers derived from human synovial membranes. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 834-845.	2.6	95
58	Combined Treatment With Chondroitin Sulfate and Glucosamine Sulfate Shows No Superiority Over Placebo for Reduction of Joint Pain and Functional Impairment in Patients With Knee Osteoarthritis: A Six-Month Multicenter, Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>Arthritis and Rheumatology</i> , 2017, 69, 77-85.	5.6	94
59	Influence of variants of Fcγ receptors IIA and IIIA on the American College of Rheumatology and European League Against Rheumatism responses to anti-tumour necrosis factor α therapy in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 1547-1552.	0.9	92
60	Proteomics role in the search for improved diagnosis, prognosis and treatment of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 500-509.	1.3	91
61	Interleukin 1 beta suppresses transforming growth factor-induced inorganic pyrophosphate (PPi) production and expression of the PPi-generating enzyme PC-1 in human chondrocytes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 10364-10368.	7.1	90
62	Differentiation-dependent effects of IL-1 and TGF-beta on human articular chondrocyte proliferation are related to inducible nitric oxide synthase expression. <i>Journal of Immunology</i> , 1995, 154, 4018-26.	0.8	89
63	Platelet-rich plasma in osteoarthritis treatment: review of current evidence. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231982556.	2.5	88
64	Mitochondrial dysfunction activates cyclooxygenase 2 expression in cultured normal human chondrocytes. <i>Arthritis and Rheumatism</i> , 2008, 58, 2409-2419.	6.7	86
65	Identification of a Panel of Novel Serum Osteoarthritis Biomarkers. <i>Journal of Proteome Research</i> , 2011, 10, 5095-5101.	3.7	86
66	Fibrates as drugs with senolytic and autophagic activity for osteoarthritis therapy. <i>EBioMedicine</i> , 2019, 45, 588-605.	6.1	86
67	Association of interferon regulatory factor 5 haplotypes, similar to that found in systemic lupus erythematosus, in a large subgroup of patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 1264-1274.	6.7	85
68	Quantification of Cells Expressing Mesenchymal Stem Cell Markers in Healthy and Osteoarthritic Synovial Membranes. <i>Journal of Rheumatology</i> , 2011, 38, 339-349.	2.0	80
69	MAGNETIC RESONANCE IMAGING OF THE BRAIN IN SYSTEMIC LUPUS ERYTHEMATOSUS. <i>Rheumatology</i> , 1995, 34, 1055-1060.	1.9	79
70	Differential effects of tumor necrosis factor-α and interleukin-1β on cell death in human articular chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2008, 16, 715-722.	1.3	78
71	Time-of-Flight Secondary Ion Mass Spectrometry-Based Molecular Distribution Distinguishing Healthy and Osteoarthritic Human Cartilage. <i>Analytical Chemistry</i> , 2012, 84, 8909-8916.	6.5	78
72	Effect of antiinflammatory drugs on COX-1 and COX-2 activity in human articular chondrocytes. <i>Journal of Rheumatology</i> , 1999, 26, 1366-73.	2.0	76

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73	Effect of hydrogen sulfide sources on inflammation and catabolic markers on interleukin 1 $\beta$ -stimulated human articular chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2014, 22, 1026-1035.	1.3	75
74	Abatacept improves health-related quality of life, pain, sleep quality, and daily participation in subjects with juvenile idiopathic arthritis. <i>Arthritis Care and Research</i> , 2010, 62, 1542-1551.	3.4	72
75	Role of European mitochondrial DNA haplogroups in the prevalence of hip osteoarthritis in Galicia, Northern Spain. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 210-213.	0.9	71
76	Effects of Severe Hypoxia on Bone Marrow Mesenchymal Stem Cells Differentiation Potential. <i>Stem Cells International</i> , 2013, 2013, 1-11.	2.5	70
77	Insulin decreases autophagy and leads to cartilage degradation. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 731-739.	1.3	70
78	Potential use of the human amniotic membrane as a scaffold in human articular cartilage repair. <i>Cell and Tissue Banking</i> , 2010, 11, 183-195.	1.1	69
79	OARSI Clinical Trials Recommendations: Soluble biomarker assessments in clinical trials in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 686-697.	1.3	67
80	Gla-rich protein is involved in the cross-talk between calcification and inflammation in osteoarthritis. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1051-1065.	5.4	67
81	Quantitative Proteomic Profiling of Human Articular Cartilage Degradation in Osteoarthritis. <i>Journal of Proteome Research</i> , 2014, 13, 6096-6106.	3.7	66
82	Induced pluripotent stem cells for cartilage repair: current status and future perspectives. , 2018, 36, 96-109.		66
83	Articular chondrocyte network mediated by gap junctions: role in metabolic cartilage homeostasis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 275-284.	0.9	65
84	Long-Term Safety, Efficacy, and Quality of Life in Patients With Juvenile Idiopathic Arthritis Treated With Intravenous Abatacept for Up to Seven Years. <i>Arthritis and Rheumatology</i> , 2015, 67, 2759-2770.	5.6	64
85	Removal of bowel aerobic gram-negative bacteria is more effective than immunosuppression with cyclophosphamide and steroids to decrease natural $\alpha$ -Galactosyl IgG antibodies. <i>Xenotransplantation</i> , 2001, 8, 15-23.	2.8	63
86	Prevalencia de enfermedades reumáticas en población adulta en España (estudio EPISER 2016). <i>Objetivos y metodologías. Reumatología Clínica</i> , 2019, 15, 90-96.	0.5	63
87	Association of a nsSNP in ADAMTS14 to some osteoarthritis phenotypes. <i>Osteoarthritis and Cartilage</i> , 2009, 17, 321-327.	1.3	62
88	Mitochondrial DNA haplogroups influence the risk of incident knee osteoarthritis in OAI and CHECK cohorts. A meta-analysis and functional study. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1114-1122.	0.9	62
89	Human Articular Chondrocytes Express Multiple Gap Junction Proteins. <i>American Journal of Pathology</i> , 2013, 182, 1337-1346.	3.8	61
90	GWAS replication study confirms the association of <i>PDE3A</i> "SLCO1C1" with anti-TNF therapy response in rheumatoid arthritis. <i>Pharmacogenomics</i> , 2013, 14, 727-734.	1.3	61

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91	Mitochondrial dysfunction promotes and aggravates the inflammatory response in normal human synoviocytes. <i>Rheumatology</i> , 2014, 53, 1332-1343.	1.9	61
92	Effectiveness of Tapentadol Prolonged Release (<sc>PR</sc>) Compared with Oxycodone/Naloxone <sc>PR</sc> for the Management of Severe Chronic Low Back Pain with a Neuropathic Component: A Randomized, Controlled, Openâ€Label, Phase 3b/4 Study. <i>Pain Practice</i> , 2016, 16, 580-599.	1.9	61
93	Cytokine regulation of chondrocyte functions. <i>Journal of rheumatology Supplement, The</i> , 1995, 43, 104-8.	2.2	61
94	Survival analysis of 306 European Spanish patients with systemic lupus erythematosus. <i>Lupus</i> , 1998, 7, 159-163.	1.6	60
95	Isolation and Characterization of Mesenchymal Stem Cells from Human Amniotic Membrane. <i>Tissue Engineering - Part C: Methods</i> , 2011, 17, 49-59.	2.1	60
96	Opposed independent effects and epistasis in the complex association of IRF5 to SLE. <i>Genes and Immunity</i> , 2007, 8, 429-438.	4.1	58
97	Rheumatoid arthritis does not share most of the newly identified systemic lupus erythematosus genetic factors. <i>Arthritis and Rheumatism</i> , 2009, 60, 2558-2564.	6.7	55
98	Validity of the bath ankylosing spondylitis disease activity index for the evaluation of disease activity in axial psoriatic arthritis. <i>Arthritis Care and Research</i> , 2010, 62, 78-85.	3.4	55
99	The C677T polymorphism in the<i>MTHFR</i> gene is associated with the toxicity of methotrexate in a Spanish rheumatoid arthritis population. <i>Scandinavian Journal of Rheumatology</i> , 2012, 41, 10-14.	1.1	55
100	Mitochondrial proteomic characterization of human normal articular chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2006, 14, 507-518.	1.3	54
101	Senescent synovial fibroblasts accumulate prematurely in rheumatoid arthritis tissues and display an enhanced inflammatory phenotype. <i>Immunity and Ageing</i> , 2019, 16, 29.	4.2	54
102	Hif-1Î± Knockdown Reduces Glycolytic Metabolism and Induces Cell Death of Human Synovial Fibroblasts Under Normoxic Conditions. <i>Scientific Reports</i> , 2017, 7, 3644.	3.3	53
103	Pharmacoproteomic study of the effects of chondroitin and glucosamine sulfate on human articular chondrocytes. <i>Arthritis Research and Therapy</i> , 2010, 12, R138.	3.5	52
104	A comparison of depletion versus equalization for reducing highâ€abundance proteins in human serum. <i>Electrophoresis</i> , 2011, 32, 2966-2974.	2.4	52
105	Analysis of TNFAIP3, a feedback inhibitor of nuclear factor-Î² and the neighbor intergenic 6q23 region in rheumatoid arthritis susceptibility. <i>Arthritis Research and Therapy</i> , 2009, 11, R42.	3.5	51
106	Osteoarthritis endotype discovery via clustering of biochemical marker data. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 666-675.	0.9	51
107	Effect of nitric oxide on mitochondrial activity of human synovial cells. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 42.	1.9	50
108	Lamin A deregulation in human mesenchymal stem cells promotes an impairment in their chondrogenic potential and imbalance in their response to oxidative stress. <i>Stem Cell Research</i> , 2013, 11, 1137-1148.	0.7	50

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109	The transcriptional response of normal and rheumatoid arthritis synovial fibroblasts to hypoxia. <i>Arthritis and Rheumatism</i> , 2010, 62, 3584-3594.	6.7	49
110	Analysis of the Chondrogenic Potential and Secretome of Mesenchymal Stem Cells Derived from Human Umbilical Cord Stroma. <i>Stem Cells and Development</i> , 2011, 20, 1199-1212.	2.1	47
111	Diabetes-accelerated experimental osteoarthritis is prevented by autophagy activation. <i>Osteoarthritis and Cartilage</i> , 2016, 24, 2116-2125.	1.3	47
112	Mitochondrial respiratory chain dysfunction modulates metalloproteases -1, -3 and -13 in human normal chondrocytes in culture. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 235.	1.9	46
113	Mitochondrial Haplogroups H and J: Risk and Protective Factors for Ischemic Cardiomyopathy. <i>PLoS ONE</i> , 2012, 7, e44128.	2.5	45
114	Resveratrol lowers synovial hyperplasia, inflammatory markers and oxidative damage in an acute antigen-induced arthritis model. <i>Rheumatology</i> , 2016, 55, 1889-1900.	1.9	45
115	Genetics in Osteoarthritis. <i>Current Genomics</i> , 2008, 9, 542-547.	1.6	44
116	Evaluation of ankylosing spondylitis spinal mobility measurements in the assessment of spinal involvement in psoriatic arthritis. <i>Arthritis and Rheumatism</i> , 2009, 61, 386-392.	6.7	44
117	Bone Marrow Cells Immunomagnetically Selected For CD271+ Antigen Promote <i>In Vitro</i> the Repair of Articular Cartilage Defects. <i>Tissue Engineering - Part A</i> , 2011, 17, 1169-1179.	3.1	44
118	Secretome analysis of chondroitin sulfate-treated chondrocytes reveals anti-angiogenic, anti-inflammatory and anti-catabolic properties. <i>Arthritis Research and Therapy</i> , 2012, 14, R202.	3.5	44
119	Matrix-assisted laser desorption ionization-imaging mass spectrometry: A new methodology to study human osteoarthritic cartilage. <i>Arthritis and Rheumatism</i> , 2013, 65, 710-720.	6.7	43
120	Profile of Matrix-Remodeling Proteinases in Osteoarthritis: Impact of Fibronectin. <i>Cells</i> , 2020, 9, 40.	4.1	43
121	The Phenotype of Axial Spondyloarthritis: Is It Dependent on HLA-B*27 Status?. <i>Arthritis Care and Research</i> , 2021, 73, 856-860.	3.4	43
122	Multicentre, prospective, open study to evaluate the safety and efficacy of hylan G-F 20 in knee osteoarthritis subjects presenting with pain following arthroscopic meniscectomy. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 747-752.	4.2	42
123	Mass spectrometry imaging: a novel technology in rheumatology. <i>Nature Reviews Rheumatology</i> , 2017, 13, 52-63.	8.0	42
124	Xeno-implantation of pig chondrocytes into rabbit to treat localized articular cartilage defects: an animal model. <i>Wound Repair and Regeneration</i> , 2004, 12, 337-345.	3.0	41
125	A novel procedure for protein extraction from formalin-fixed paraffin-embedded tissues. <i>Proteomics</i> , 2011, 11, 2555-2559.	2.2	41
126	Analysis of Autoantibody Profiles in Osteoarthritis Using Comprehensive Protein Array Concepts. <i>Journal of Proteome Research</i> , 2014, 13, 5218-5229.	3.7	41



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127	Genetic variation in the nuclear factor $\hat{\text{I}}^{\text{B}}$ pathway in relation to susceptibility to rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2009, 68, 579-583.	0.9	40
128	Metabolic Labeling of Chondrocytes for the Quantitative Analysis of the Interleukin-1-beta-mediated Modulation of Their Intracellular and Extracellular Proteomes. <i>Journal of Proteome Research</i> , 2011, 10, 3701-3711.	3.7	40
129	Metabolomic characterization of metabolic phenotypes in OA. <i>Nature Reviews Rheumatology</i> , 2012, 8, 130-132.	8.0	40
130	Cohort profile: The Applied Public-Private Research enabling OsteoArthritis Clinical Headway (IMI-APPROACH) study: a 2-year, European, cohort study to describe, validate and predict phenotypes of osteoarthritis using clinical, imaging and biochemical markers. <i>BMJ Open</i> , 2020, 10, e035101.	1.9	40
131	Hydrogen Sulfide and Inflammatory Joint Diseases. <i>Current Drug Targets</i> , 2017, 18, 1641-1652.	2.1	40
132	The biological action of hyaluronan on human osteoarthritic articular chondrocytes: the importance of molecular weight. <i>Clinical and Experimental Rheumatology</i> , 2004, 22, 307-12.	0.8	40
133	Survival analysis of disease modifying antirheumatic drugs in Spanish rheumatoid arthritis patients.. <i>Annals of the Rheumatic Diseases</i> , 1995, 54, 881-885.	0.9	39
134	Mitochondria and mitophagy: biosensors for cartilage degradation and osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 989-991.	1.3	39
135	Catabolic events in osteoarthritic cartilage. <i>Osteoarthritis and Cartilage</i> , 1999, 7, 308-309.	1.3	38
136	Genetic variation including nonsynonymous polymorphisms of a major aggrecanase, ADAMTS-5, in susceptibility to osteoarthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 435-441.	6.7	38
137	Prevalence of Paget's disease of bone in Spain. <i>Bone</i> , 2008, 43, 1006-1009.	2.9	38
138	Nitric oxide compounds have different effects profiles on human articular chondrocyte metabolism. <i>Arthritis Research and Therapy</i> , 2013, 15, R115.	3.5	38
139	Specific premature epigenetic aging of cartilage in osteoarthritis. <i>Aging</i> , 2016, 8, 2222-2231.	3.1	38
140	Effect of Cryopreservation on Human Articular Chondrocyte Viability, Proliferation, and Collagen Expression. <i>Cryobiology</i> , 2001, 42, 2-10.	0.7	37
141	Common variations in estrogen-related genes are associated with severe large-joint osteoarthritis: a multicenter genetic and functional study. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 927-933.	1.3	37
142	A genome-wide association study follow-up suggests a possible role for PPARG in systemic sclerosis susceptibility. <i>Arthritis Research and Therapy</i> , 2014, 16, R6.	3.5	37
143	Decreased metalloproteinase production as a response to mechanical pressure in human cartilage: a mechanism for homeostatic regulation. <i>Arthritis Research and Therapy</i> , 2006, 8, R149.	3.5	36
144	Mitochondrial DNA haplogroups modulate the serum levels of biomarkers in patients with osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 910-917.	0.9	36

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145	Transcriptome analysis reveals specific changes in osteoarthritis synovial fibroblasts. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 275-280.	0.9	36
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