Rik J Lories

List of Publications by Year in Descending Order

199 papers	7,894 citations	47 h-index	84 g-index
302 ext. papers	9,349 ext. citations	4.5 avg, IF	6.2 L-index

#	Paper	IF	Citations
199	Real-World Efficacy and Safety of Apremilast in Belgian Patients with Psoriatic Arthritis: Results from the Prospective Observational APOLO Study.. *Advances in Therapy*, **2022**, 39, 1055	4.1	2
198	Hypoxia induces DOT1L in articular cartilage to protect against osteoarthritis. *JCI Insight*, **2021**,	9.9	2
197	Cellular and molecular diversity in spondyloarthritis. *Seminars in Immunology*, **2021**, 101521	10.7	1
196	Evolution of patient characteristics in the era of biologic treatment of psoriatic arthritis: 18-year Belgian experience from the Leuven Spondyloarthritis Biologics Cohort (BioSPAR). *Rheumatology Advances in Practice*, **2021**, 5, rkab085	1.1	0
195	Integrative epigenomics in Sjögren's syndrome reveals novel pathways and a strong interaction between the HLA, autoantibodies and the interferon signature. *Scientific Reports*, **2021**, 11, 23292	4.9	2
194	The burden of psoriatic arthritis in the biologics era: data from the Belgian Epidemiological Psoriatic Arthritis Study. *Rheumatology*, **2021**, 60, 5677-5685	3.9	1
193	Inflammasome Activation in Ankylosing Spondylitis Is Associated With Gut Dysbiosis. *Arthritis and Rheumatology*, **2021**, 73, 1189-1199	9.5	3
192	A new molecular classification to drive precision treatment strategies in primary Sjögren's syndrome. *Nature Communications*, **2021**, 12, 3523	17.4	15
191	Ankylosing spondylitis: an autoimmune or autoinflammatory disease?. *Nature Reviews Rheumatology*, **2021**, 17, 387-404	8.1	11
190	Integrative Analysis Reveals a Molecular Stratification of Systemic Autoimmune Diseases. *Arthritis and Rheumatology*, **2021**, 73, 1073-1085	9.5	27
189	Spondylitis-psoriasis-enthesitis-enterocolitis-dactylitis-uveitis-peripheral synovitis (SPEED-UP) treatment. *Autoimmunity Reviews*, **2021**, 20, 102731	13.6	5
188	Changes in bone formation regulator biomarkers in early axial spondyloarthritis. *Rheumatology*, **2021**, 60, 1185-1194	3.9	3
187	Promising targets for therapy of osteoarthritis: a review on the Wnt and TGF-β signalling pathways. *Therapeutic Advances in Musculoskeletal Disease*, **2021**, 13, 1759720X211006959	3.8	12
186	To move or not to move: the paradoxical effect of physical exercise in axial spondyloarthritis. *RMD Open*, **2021**, 7,	5.9	10
185	Frizzled related protein deficiency impairs muscle strength, gait and calpain 3 levels. *Orphanet Journal of Rare Diseases*, **2020**, 15, 119	4.2	1
184	Spondyloarthritis on the Move: Biomechanical Benefits or Harm. *Current Rheumatology Reports*, **2020**, 22, 35	4.9	3
183	Tendon and ligament mechanical loading in the pathogenesis of inflammatory arthritis. *Nature Reviews Rheumatology*, **2020**, 16, 193-207	8.1	59

182	Anti-TIF1-□autoantibodies: warning lights of a tumour autoantigen. *Rheumatology*, **2020**, 59, 469-477	3.9	18
181	Longitudinal micro-computed tomography-derived biomarkers quantify non-resolving lung fibrosis in a silicosis mouse model. *Scientific Reports*, **2020**, 10, 16181	4.9	5
180	Bone phenotypes in rheumatology - there is more to bone than just bone. *BMC Musculoskeletal Disorders*, **2020**, 21, 789	2.8	7
179	Physiopathologie du rhumatisme psoriasique. *Revue Du Rhumatisme Monographies*, **2020**, 87, 249-253	0	
178	Effect of Gut Involvement in Patients with High Probability of Early Spondyloarthritis: Data from the DESIR Cohort. *Journal of Rheumatology*, **2020**, 47, 349-353	4.1	2
177	Review Article: Is Wnt Signaling an Attractive Target for the Treatment of Osteoarthritis?. *Rheumatology and Therapy*, **2020**, 7, 259-270	4.4	18
176	Bone Pathophysiology in Axial Spondyloarthritis **2019**, 111-120		
175	Running promotes chronicity of arthritis by local modulation of complement activators and impairing T regulatory feedback loops. *Annals of the Rheumatic Diseases*, **2019**, 78, 787-795	2.4	16
174	Evolution of psoriatic arthritis study patient population characteristics in the era of biological treatments. *RMD Open*, **2019**, 5, e000779	5.9	4
173	Expert consensus: practical algorithms for management of inflammatory bowel disease patients presenting with back pain or peripheral arthropathies. *Alimentary Pharmacology and Therapeutics*, **2019**, 50, 1204-1213	6.1	5
172	Radiosafe micro-computed tomography for longitudinal evaluation of murine disease models. *Scientific Reports*, **2019**, 9, 17598	4.9	16
171	Increased susceptibility to develop spontaneous and post-traumatic osteoarthritis in Dot1l-deficient mice. *Osteoarthritis and Cartilage*, **2019**, 27, 513-525	6.2	19
170	Remission in psoriatic arthritis-where are we now?. *Rheumatology*, **2018**, 57, 1321-1331	3.9	8
169	Bone Disease in Axial Spondyloarthritis. *Calcified Tissue International*, **2018**, 102, 547-558	3.9	14
168	Overview of Joint and Cartilage Biology **2018**, 209-225		3
167	SMOC2 inhibits calcification of osteoprogenitor and endothelial cells. *PLoS ONE*, **2018**, 13, e0198104	3.7	10
166	Advances in understanding the pathophysiology of spondyloarthritis. *Best Practice and Research in Clinical Rheumatology*, **2018**, 32, 331-341	5.3	12
165	Mechanical strain determines the site-specific localization of inflammation and tissue damage in arthritis. *Nature Communications*, **2018**, 9, 4613	17.4	83

164	A Notch in the joint that exacerbates osteoarthritis. *Nature Reviews Rheumatology*, **2018**, 14, 563-564	8.1	5
163	ANP32A regulates ATM expression and prevents oxidative stress in cartilage, brain, and bone. *Science Translational Medicine*, **2018**, 10,	17.5	14
162	Increase In Il-31 Serum Levels Is Associated With Reduced Structural Damage In Early Axial Spondyloarthritis. *Scientific Reports*, **2018**, 8, 7731	4.9	9
161	A20 inhibition of STAT1 expression in myeloid cells: a novel endogenous regulatory mechanism preventing development of enthesitis. *Annals of the Rheumatic Diseases*, **2017**, 76, 585-592	2.4	48
160	Structural Disease Progression in Axial Spondyloarthritis: Still a Cause for Concern?. *Current Rheumatology Reports*, **2017**, 19, 14	4.9	16
159	Mechanisms, impact and prevention of pathological bone regeneration in spondyloarthritis. *Current Opinion in Rheumatology*, **2017**, 29, 287-292	5.3	21
158	DOT1L safeguards cartilage homeostasis and protects against osteoarthritis. *Nature Communications*, **2017**, 8, 15889	17.4	72
157	Cushioning the cartilage: a canonical Wnt restricting matter. *Nature Reviews Rheumatology*, **2017**, 13, 670-681	8.1	28
156	Evolving concepts of new bone formation in axial spondyloarthritis: Insights from animal models and human studies. *Best Practice and Research in Clinical Rheumatology*, **2017**, 31, 877-886	5.3	14
155	No evidence for a direct role of HLA-B27 in pathological bone formation in axial SpA. *RMD Open*, **2017**, 3, e000451	5.9	8
154	International consensus: What else can we do to improve diagnosis and therapeutic strategies in patients affected by autoimmune rheumatic diseases (rheumatoid arthritis, spondyloarthritides, systemic sclerosis, systemic lupus erythematosus, antiphospholipid syndrome and Sjogren's syndrome)?: The unmet needs and the clinical grey zone in autoimmune disease management. *Autoimmunity Reviews*, **2017**, 16, 911-924	13.6	84
153	Enthesitis: from pathophysiology to treatment. *Nature Reviews Rheumatology*, **2017**, 13, 731-741	8.1	196
152	Forced expiration measurements in mouse models of obstructive and restrictive lung diseases. *Respiratory Research*, **2017**, 18, 123	7.3	54
151	Suramin increases cartilage proteoglycan accumulation in vitro and protects against joint damage triggered by papain injection in mouse knees in vivo. *RMD Open*, **2017**, 3, e000604	5.9	7
150	Wnt signaling as target for the treatment of osteoarthritis. *Best Practice and Research in Clinical Rheumatology*, **2017**, 31, 721-729	5.3	16
149	AB0671 Degradation of Isomerized Type II Collagen May Serve as A Discriminative Biomarker of Inflammation Mediated Joint Destruction in Rheumatic Diseases. *Annals of the Rheumatic Diseases*, **2016**, 75, 1134.2-1134	2.4	
148	FRI0461 Higher Burden of Disease in Female Psa Patients Compared To Male Patients. Data from The Bepas Cohort. *Annals of the Rheumatic Diseases*, **2016**, 75, 604.1-604	2.4	
147	AB0736 The Bepas Cohort: A Real-Life Multicenter Prospective Cohort of Psoriatic Arthritis in Belgium: Demographics and Baseline Characteristics. *Annals of the Rheumatic Diseases*, **2016**, 75, 1156.2-1156	2.4	

146	FRI0462 Gender Differences in The Disease Expression and Articular Manifestations among Patients with Psoriatic Arthritis. Data from The Bepas Cohort. *Annals of the Rheumatic Diseases*, **2016**, 75, 604.2-605	2.4	1
145	The effect of forced exercise on knee joints in Dio2(-/-) mice: type II iodothyronine deiodinase-deficient mice are less prone to develop OA-like cartilage damage upon excessive mechanical stress. *Annals of the Rheumatic Diseases*, **2016**, 75, 571-7	2.4	19
144	Evaluation of Minimally Invasive, Ultrasound-guided Synovial Biopsy Techniques by the OMERACT Filter--Determining Validation Requirements. *Journal of Rheumatology*, **2016**, 43, 208-13	4.1	22
143	Animal Models of Psoriasis and Psoriatic Arthritis **2016**, 103-109		1
142	CRP and a biomarker of type I collagen degradation, C1M, can differentiate anti-inflammatory treatment response in ankylosing spondylitis. *Biomarkers in Medicine*, **2016**, 10, 197-208	2.3	8
141	Comorbidities Associated with Psoriatic Arthritis Compared with Non-psoriatic Spondyloarthritis: A Cross-sectional Study. *Journal of Rheumatology*, **2016**, 43, 376-82	4.1	40
140	Osteogenesis induced by frizzled-related protein (FRZB) is linked to the netrin-like domain. *Laboratory Investigation*, **2016**, 96, 570-80	5.9	11
139	European League Against Rheumatism (EULAR) recommendations for the management of psoriatic arthritis with pharmacological therapies: 2015 update. *Annals of the Rheumatic Diseases*, **2016**, 75, 499-510	2.4	611
138	Longitudinal micro-CT provides biomarkers of lung disease that can be used to assess the effect of therapy in preclinical mouse models, and reveal compensatory changes in lung volume. *DMM Disease Models and Mechanisms*, **2016**, 9, 91-8	4.1	51
137	A4.03 The GPR22 receptor, genetically linked to osteoarthritis stimulates chondrocyte hypertrophy and decreases protein kinase a activity. *Annals of the Rheumatic Diseases*, **2016**, 75, A38.1-A38	2.4	
136	AB0737 Clinical Axial Involvement in Patients with Psoriatic Arthritis Is Underestimated: Impact on Burden of The Disease. Data from The Bepas Cohort. *Annals of the Rheumatic Diseases*, **2016**, 75, 1156.3-1157	2.4	
135	Aberrant Calreticulin Expression in Articular Cartilage of Dio2 Deficient Mice. *PLoS ONE*, **2016**, 11, e0154999	3.7	2
134	Insulin-Like Growth Factor I Does Not Drive New Bone Formation in Experimental Arthritis. *PLoS ONE*, **2016**, 11, e0163632	3.7	3
133	Microtrauma: no longer to be ignored in spondyloarthritis?. *Current Opinion in Rheumatology*, **2016**, 28, 176-80	5.3	30
132	A4.05 SMOC2, a secreted calcium-binding protein from cartilage extracellular matrix is an inhibitor of cartilage and bone formation. *Annals of the Rheumatic Diseases*, **2016**, 75, A38.3-A39	2.4	
131	Orthopaedic interventions in patients with psoriatic arthritis: a descriptive report from the SPAR cohort. *RMD Open*, **2016**, 2, e000293	5.9	6
130	Translation of clinical problems in osteoarthritis into pathophysiological research goals. *RMD Open*, **2016**, 2, e000224	5.9	9
129	A8.04 The histone methyltransferase dot1l is essential for growth and homeostasis of the articular cartilage. *Annals of the Rheumatic Diseases*, **2016**, 75, A66.2-A66	2.4	

128	SMOC2, a secreted calcium-binding protein, is an inhibitor of osteogenesis and chondrogenesis. *Osteoarthritis and Cartilage*, **2016**, 24, S141-S142	6.2	2
127	Safety and Efficacy of Biological Disease-Modifying Antirheumatic Drugs in Older Rheumatoid Arthritis Patients: Staying the Distance. *Drugs and Aging*, **2016**, 33, 387-98	4.7	16
126	A3.9 DOT1L, a H3K79 methyltransferase linked to the WNT signallingsignaling cascade, regulates fibrotic responses in lung fibroblasts. *Annals of the Rheumatic Diseases*, **2015**, 74, A34.2-A35	2.4	
125	A5.5 Comorbidities associated with psoriatic arthritis - a cross sectional study. *Annals of the Rheumatic Diseases*, **2015**, 74, A48.2-A49	2.4	1
124	Fibrogenesis, novel lessons from animal models. *Seminars in Immunopathology*, **2015**, 37, 565-74	12	3
123	Enhanced endogenous bone morphogenetic protein signaling protects against bleomycin induced pulmonary fibrosis. *Respiratory Research*, **2015**, 16, 38	7.3	27
122	Type 3 innate lymphoid cells producing IL-17 and IL-22 are expanded in the gut, in the peripheral blood, synovial fluid and bone marrow of patients with ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2015**, 74, 1739-47	2.4	184
121	Review: animal models as a tool to dissect pivotal pathways driving spondyloarthritis. *Arthritis and Rheumatology*, **2015**, 67, 2813-27	9.5	34
120	Longitudinal in vivo microcomputed tomography of mouse lungs: No evidence for radiotoxicity. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 309, L271-9	5.8	25
119	Genome-wide association and functional studies identify a role for IGFBP3 in hip osteoarthritis. *Annals of the Rheumatic Diseases*, **2015**, 74, 1861-7	2.4	38
118	FRI0197 Role of Arginase in a Cellular and Murine Model of Endochondral Ossification. *Annals of the Rheumatic Diseases*, **2015**, 74, 496.1-496	2.4	
117	A4.13 The DOT1L protein and gene network in chondrocytes identifies H3K79 histone methylation as key regulator of WNT and other growth factor cascades. *Annals of the Rheumatic Diseases*, **2015**, 74, A41.2-A41	2.4	
116	AB0814 The BEPAS Cohort: A Prospective Cohort of Psoriatic Arthritis in Belgium: Study Design and Baseline Characteristics of the 461 Recruited Patients. *Annals of the Rheumatic Diseases*, **2015**, 74, 1171.3-1172	2.4	
115	Secreted Frizzled-related protein 3 (sFRP3)-mediated suppression of interleukin-6 receptor release by A disintegrin and metalloprotease 17 (ADAM17) is abrogated in the osteoarthritis-associated rare double variant of sFRP3. *Biochemical Journal*, **2015**, 468, 507-18	3.8	13
114	Loss of Frzb and Sfrp1 differentially affects joint homeostasis in instability-induced osteoarthritis. *Osteoarthritis and Cartilage*, **2015**, 23, 275-9	6.2	29
113	Targets, models and challenges in osteoarthritis research. *DMM Disease Models and Mechanisms*, **2015**, 8, 17-30	4.1	142
112	Safe and effective cryopreservation methods for long-term storage of human-amniotic-fluid-derived stem cells. *Prenatal Diagnosis*, **2015**, 35, 456-62	3.2	11
111	A5.5 SMOC2 modulates chondrogenesis by interfering with WNT and BMP signalling. *Annals of the Rheumatic Diseases*, **2014**, 73, A65.1-A65	2.4	1

110	No evidence for a critical role of the unfolded protein response in synovium and blood of patients with ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2014**, 73, 629-30	2.4	30
109	The coupling of bone and cartilage turnover in osteoarthritis: opportunities for bone antiresorptives and anabolics as potential treatments?. *Annals of the Rheumatic Diseases*, **2014**, 73, 336-48	2.4	138
108	Perception and knowledge about stem cell and tissue engineering research: a survey amongst researchers and medical practitioners in perinatology. *Stem Cell Reviews and Reports*, **2014**, 10, 447-54	6.4	1
107	Routine isolation and expansion late mid trimester amniotic fluid derived mesenchymal stem cells in a cohort of fetuses with congenital diaphragmatic hernia. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, **2014**, 178, 157-62	2.4	16
106	A5.6 Cholecystokinin and purinoreceptor antagonists modulate OA-associated GPR22 signalling. *Annals of the Rheumatic Diseases*, **2014**, 73, A65.2-A65	2.4	3
105	A5.12 SFRPS in cartilage biology: more than just WNT antagonists. *Annals of the Rheumatic Diseases* , **2014**, 73, A67.3-A68	2.4	
104	AB0753 Cross-Sectional Analysis of Orthopedic Interventions in Patients with Psoriatic Arthritis: Data from the SPAR Cohort. *Annals of the Rheumatic Diseases*, **2014**, 73, 1053.1-1053	2.4	
103	AB0672 Serological Neo-Epitope Biomarkers of Synovial Associated Collagen Can Assess Treatment Efficacy of Anti-TNF-A and Identify Benefiters. *Annals of the Rheumatic Diseases*, **2014**, 73, 1027.2-1028	2.4	
102	Tumour necrosis factor inhibitors in the treatment of psoriatic arthritis: a view on effectiveness, clinical practice and toxicity. *Expert Opinion on Biological Therapy*, **2014**, 14, 1825-36	5.4	9
101	IL-23 expression and activation of autophagy in synovium and PBMCs of HLA-B27 positive patients with ankylosing spondylitis. Response to: 'Evidence that autophagy, but not the unfolded protein response, regulates the expression of IL-23 in the gut of patients with ankylosing spondylitis and subclinical gut inflammation' by Ciccia et al. *Annals of the Rheumatic Diseases*, **2014**, 73, e68	2.4	17
100	Proof of concept: enthesitis and new bone formation in spondyloarthritis are driven by mechanical strain and stromal cells. *Annals of the Rheumatic Diseases*, **2014**, 73, 437-45	2.4	259
99	Bone formation in axial spondyloarthritis. *Best Practice and Research in Clinical Rheumatology*, **2014**, 28, 765-77	5.3	36
98	Protective role of frizzled-related protein B on matrix metalloproteinase induction in mouse chondrocytes. *Arthritis Research and Therapy*, **2014**, 16, R137	5.7	17
97	Magnetic resonance imaging for noninvasive assessment of lung fibrosis onset and progression: cross-validation and comparison of different magnetic resonance imaging protocols with micro-computed tomography and histology in the bleomycin-induced mouse model. *Investigative Radiology*, **2014**, 49, 691-8	10.1	26
96	Full thickness abdominal wall defect in growing rats as a model for congenital diaphragmatic hernia prosthetic repair. *Journal of Pediatric Surgery*, **2014**, 49, 1458-65	2.6	4
95	Anti-TNF therapy and malignancy in spondyloarthritis in the Leuven spondyloarthritis biologics cohort (BIOSPAR). *Clinical and Experimental Rheumatology*, **2014**, 32, 71-6	2.2	16
94	Circulating citrullinated vimentin fragments reflect disease burden in ankylosing spondylitis and have prognostic capacity for radiographic progression. *Arthritis and Rheumatism*, **2013**, 65, 972-80		48
93	Are spondylarthritides related but distinct conditions or a single disease with a heterogeneous phenotype?. *Arthritis and Rheumatism*, **2013**, 65, 12-20		77

92	To Wnt or not to Wnt: the bone and joint health dilemma. *Nature Reviews Rheumatology*, **2013**, 9, 328-39	8.1	124
91	The influence of ageing on the development and management of rheumatoid arthritis. *Nature Reviews Rheumatology*, **2013**, 9, 604-13	8.1	53
90	421: Isolation and expansion of rabbit amniotic fluid stem cells (AFS) for in-vivo stem cell therapy. *American Journal of Obstetrics and Gynecology*, **2013**, 208, S184	6.4	2
89	The pathogenesis of pulmonary fibrosis: a moving target. *European Respiratory Journal*, **2013**, 41, 1207-18	8.6	172
88	A comparative study on culture conditions and routine expansion of amniotic fluid-derived mesenchymal progenitor cells. *Fetal Diagnosis and Therapy*, **2013**, 34, 225-35	2.4	9
87	Overview of Joint and Cartilage Biology **2013**, 35-51		1
86	A8.6 FRZB is a Critical Modulator of Canonical WNT Signalling in Cartilage Biology. *Annals of the Rheumatic Diseases*, **2013**, 72, A59.1-A59	2.4	
85	OP0164 Long-term TNF blockade induces joint repair in psoriatic arthritis. *Annals of the Rheumatic Diseases*, **2013**, 71, 109.3-110	2.4	
84	OP0261 Genetic and functional evidence for a role of the bone morphogenetic protein type 1B receptor in ankylosis in mice. *Annals of the Rheumatic Diseases*, **2013**, 71, 144.2-144	2.4	
83	A10.11 Expression of Unfolded Protein Response Genes in Synovium and Blood Mononuclear Cells of HLA-B27 Positive Ankylosing Spondylitis Patients is not Increased Compared to other Arthritis Patients and Healthy Controls. *Annals of the Rheumatic Diseases*, **2013**, 72, A75.3-A76	2.4	1
82	The Relationship Between Inflammation, Destruction, and Remodeling in Chronic Joint Diseases **2013**, 91-101		
81	Insights into the pathophysiology of ankylosing spondylitis: contributions from animal models. *Joint Bone Spine*, **2012**, 79, 243-8	2.9	28
80	COG5 inhibition induces glycosylation defects affecting chondrogenesis and interfering with Wnt, but not BMP signaling. *Osteoarthritis and Cartilage*, **2012**, 20, S142-S143	6.2	2
79	Proinflammatory Th17 cells are expanded and induced by dendritic cells in spondylarthritis-prone HLA-B27-transgenic rats. *Arthritis and Rheumatism*, **2012**, 64, 110-20		97
78	Pathophysiology of new bone formation and ankylosis in spondyloarthritis. *Rheumatic Disease Clinics of North America*, **2012**, 38, 555-67	2.4	64
77	Etoricoxib and the treatment of ankylosing spondylitis. *Expert Opinion on Drug Metabolism and Toxicology*, **2012**, 8, 1599-608	5.5	3
76	Genetic deletion of low-density lipoprotein receptor-related protein 5 increases cartilage degradation in instability-induced osteoarthritis. *Rheumatology*, **2012**, 51, 1973-8	3.9	20
75	Un aperu de la physiopathologie de la spondylarthrite ankylosante: contribution des modles animaux. *Revue Du Rhumatisme (Edition Francaise)*, **2012**, 79, 11-16	0.1	

74	Spontaneous arthritis and ankylosis in male DBA/1 mice: further evidence for a role of behavioral factors in "stress-induced arthritis". *Biological Procedures Online*, **2012**, 14, 10	8.3	28
73	Inhibition of inflammation but not ankylosis by glucocorticoids in mice: further evidence for the entheseal stress hypothesis. *Arthritis Research and Therapy*, **2012**, 14, R59	5.7	20
72	Tight regulation of wingless-type signaling in the articular cartilage - subchondral bone biomechanical unit: transcriptomics in Frzb-knockout mice. *Arthritis Research and Therapy*, **2012**, 14, R16	5.7	33
71	Is psoriatic arthritis a result of abnormalities in acquired or innate immunity?. *Current Rheumatology Reports*, **2012**, 14, 375-82	4.9	22
70	The role of bone morphogenetic proteins in ankylosing spondylitis. *Therapeutic Advances in Musculoskeletal Disease*, **2012**, 4, 293-9	3.8	18
69	Blocking p38 signalling inhibits chondrogenesis in vitro but not ankylosis in a model of ankylosing spondylitis in vivo. *Annals of the Rheumatic Diseases*, **2012**, 71, 722-8	2.4	15
68	Autoimmune diseases: early diagnosis and new treatment strategies. *Clinical Chemistry*, **2012**, 58, 1510-4	5.5	8
67	Emerging concepts in ankylosing spondylitis. *International Journal of Clinical Rheumatology*, **2012**, 7, 515-526	1.5	
66	Genome-wide association and functional studies identify the DOT1L gene to be involved in cartilage thickness and hip osteoarthritis. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 8218-23	11.5	133
65	Peripheral joint ankylosis in the spontaneous model of arthritis in DBA/1 mice is associated with a locus on chromosome 3 that contains the bone morphogenetic protein type 1b receptor. *Annals of the Rheumatic Diseases*, **2012**, 71, A65.2-A65	2.4	
64	Quantification of lung fibrosis and emphysema in mice using automated micro-computed tomography. *PLoS ONE*, **2012**, 7, e43123	3.7	74
63	Tableau clinique kal□doscopique illustrant le concept de spondylarthropathie chez une femme. *Revue Du Rhumatisme (Edition Francaise)*, **2011**, 78, 574-577	0.1	
62	The balance of tissue repair and remodeling in chronic arthritis. *Nature Reviews Rheumatology*, **2011**, 7, 700-7	8.1	41
61	Meta-analysis of genome-wide association studies confirms a susceptibility locus for knee osteoarthritis on chromosome 7q22. *Annals of the Rheumatic Diseases*, **2011**, 70, 349-55	2.4	102
60	201 GPR22 OVEREXPRESSION ALTERS THE COURSE OF CHONDROGENESIS TOWARDS CHONDROCYTE HYPERTROPHY AND MATRIX MINERALIZATION: A POSSIBLE LINK TO OSTEOARTHRITIS?. *Osteoarthritis and Cartilage*, **2011**, 19, S99-S100	6.2	2
59	CD248 facilitates tumor growth via its cytoplasmic domain. *BMC Cancer*, **2011**, 11, 162	4.8	41
58	The kaleidoscopic presentation of the spondyloarthritis concept in a female patient. *Joint Bone Spine*, **2011**, 78, 638-40	2.9	1
57	Osteoporosis: a paradox in ankylosing spondylitis. *Current Osteoporosis Reports*, **2011**, 9, 112-5	5.4	51

56	Rituximab treatment induces the expression of genes involved in healing processes in the rheumatoid arthritis synovium. *Arthritis and Rheumatism*, **2011**, 63, 1246-54		24
55	The bone-cartilage unit in osteoarthritis. *Nature Reviews Rheumatology*, **2011**, 7, 43-9	8.1	400
54	The Ile585Val TRPV1 variant is involved in risk of painful knee osteoarthritis. *Annals of the Rheumatic Diseases*, **2011**, 70, 1556-61	2.4	91
53	GDF5 deficiency in mice is associated with instability-driven joint damage, gait and subchondral bone changes. *Annals of the Rheumatic Diseases*, **2011**, 70, 208-13	2.4	64
52	Optimized alkylated cyclodextrin polysulphates with reduced risks on thromboembolic accidents improve osteoarthritic chondrocyte metabolism. *Rheumatology*, **2011**, 50, 1226-35	3.9	4
51	Real-time PCR analysis of mechanical strain and BMPs in human periosteal cells: an in vitro model of entheseal stress. *Annals of the Rheumatic Diseases*, **2011**, 70, A22-A23	2.4	
50	Functional effects of susceptibility genes in osteoarthritis. *Discovery Medicine*, **2011**, 12, 129-39	2.5	12
49	Involvement of chemokines in the spontaneous ankylosis mouse model: further evidence for the entheseal stress hypothesis. *Annals of the Rheumatic Diseases*, **2010**, 69, A17-A18	2.4	
48	Are current available therapies disease-modifying in spondyloarthritis?. *Best Practice and Research in Clinical Rheumatology*, **2010**, 24, 625-35	5.3	18
47	Flow cytometric characterization of freshly isolated and culture expanded human synovial cell populations in patients with chronic arthritis. *Arthritis Research and Therapy*, **2010**, 12, R15	5.7	41
46	A genome-wide association study identifies an osteoarthritis susceptibility locus on chromosome 7q22. *Arthritis and Rheumatism*, **2010**, 62, 499-510		139
45	Genetic variation in the SMAD3 gene is associated with hip and knee osteoarthritis. *Arthritis and Rheumatism*, **2010**, 62, 2347-52		120
44	CD248 and its cytoplasmic domain: a therapeutic target for arthritis. *Arthritis and Rheumatism*, **2010**, 62, 3595-606		44
43	Update in treatment options for psoriatic arthritis. *Expert Review of Clinical Immunology*, **2009**, 5, 779-88	5.1	4
42	Detection, identification and in vivo treatment responsiveness of bone morphogenetic protein (BMP)-activated cell populations in the synovium of patients with rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2009**, 68, 117-23	2.4	21
41	Deletion of frizzled-related protein reduces voluntary running exercise performance in mice. *Osteoarthritis and Cartilage*, **2009**, 17, 390-6	6.2	19
40	Progress towards a molecular basis for joint surface repair. *Osteoarthritis and Cartilage*, **2009**, 17, 693-4	6.2	
39	Large-scale analysis of association between GDF5 and FRZB variants and osteoarthritis of the hip, knee, and hand. *Arthritis and Rheumatism*, **2009**, 60, 1710-21		150

38	Variation at the ANP32A gene is associated with risk of hip osteoarthritis in women. *Arthritis and Rheumatism*, **2009**, 60, 2046-54		21
37	Unusual cervical spine involvement in psoriatic arthritis: a case series. *Clinical Rheumatology*, **2009**, 28, 1343-6	3.9	3
36	WNT Signaling in osteoarthritis and osteoporosis: what is the biological significance for the clinician?. *Current Rheumatology Reports*, **2009**, 11, 23-30	4.9	24
35	Fetal mesenchymal stem cells: isolation, properties and potential use in perinatology and regenerative medicine. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2009**, 116, 166-72	3.7	72
34	Bone morphogenetic protein signaling and arthritis. *Cytokine and Growth Factor Reviews*, **2009**, 20, 467-73	7.9	21
33	Wnt signaling and osteoarthritis. *Bone*, **2009**, 44, 522-7	4.7	127
32	Joint homeostasis, restoration, and remodeling in osteoarthritis. *Best Practice and Research in Clinical Rheumatology*, **2008**, 22, 209-20	5.3	28
31	Dynamic activation of bone morphogenetic protein signaling in collagen-induced arthritis supports their role in joint homeostasis and disease. *Arthritis Research and Therapy*, **2008**, 10, R115	5.7	34
30	Inhibition of osteoclasts does not prevent joint ankylosis in a mouse model of spondyloarthritis. *Rheumatology*, **2008**, 47, 605-8	3.9	42
29	Remission in psoriatic arthritis. *Current Rheumatology Reports*, **2008**, 10, 297-302	4.9	12
28	Polymyalgia rheumatica/arteritis temporalis and acquired factor VIII inhibitor. *Clinical Rheumatology*, **2008**, 27 Suppl 1, S19-21	3.9	3
27	Genome-wide association scan identifies a prostaglandin-endoperoxide synthase 2 variant involved in risk of knee osteoarthritis. *American Journal of Human Genetics*, **2008**, 82, 1231-40	11	93
26	Evidence for uncoupling of inflammation and joint remodeling in a mouse model of spondylarthritis. *Arthritis and Rheumatism*, **2007**, 56, 489-97		144
25	Identification of distinct gene expression profiles in the synovium of patients with systemic lupus erythematosus. *Arthritis and Rheumatism*, **2007**, 56, 1579-88		143
24	The concept of a "synovio-entheseal complex" and its implications for understanding joint inflammation and damage in psoriatic arthritis and beyond. *Arthritis and Rheumatism*, **2007**, 56, 2482-91		259
23	Articular cartilage and biomechanical properties of the long bones in Frzb-knockout mice. *Arthritis and Rheumatism*, **2007**, 56, 4095-103		206
22	Pyoderma gangrenosum developing during therapy with TNF-alpha antagonists in a patient with rheumatoid arthritis. *Clinical Rheumatology*, **2007**, 26, 2205-2206	3.9	32
21	Prevention of Ankylosis: A Specific Therapeutic Target in Spondyloarthritis. *Current Rheumatology Reviews*, **2007**, 3, 317-321	1.6	

20	Molecular mechanisms involved in a differential association of Frzb biology with osteoarthritis and osteoporosis. *Arthritis Research and Therapy*, **2007**, 9, P37	5.7	78
19	Bone morphogenetic proteins in destructive and remodeling arthritis. *Arthritis Research and Therapy*, **2007**, 9, 207	5.7	34
18	Mechanisms of pathologic new bone formation. *Current Rheumatology Reports*, **2006**, 8, 332-7	4.9	28
17	Contemporary concepts of inflammation, damage and repair in rheumatic diseases. *Best Practice and Research in Clinical Rheumatology*, **2006**, 20, 829-48	5.3	71
16	Noggin haploinsufficiency differentially affects tissue responses in destructive and remodeling arthritis. *Arthritis and Rheumatism*, **2006**, 54, 1736-46		78
15	Efficacy, effectiveness and safety of etanercept in monotherapy for refractory psoriatic arthritis: a 26-week observational study. *Rheumatology*, **2006**, 45, 321-4	3.9	22
14	Evidence for a differential association of the Arg200Trp single-nucleotide polymorphism in FRZB with hip osteoarthritis and osteoporosis. *Rheumatology*, **2006**, 45, 113-4	3.9	37
13	Animal models of spondyloarthritis. *Current Opinion in Rheumatology*, **2006**, 18, 342-6	5.3	14
12	Bone morphogenetic protein signaling in joint homeostasis and disease. *Cytokine and Growth Factor Reviews*, **2005**, 16, 287-98	17.9	84
11	Mitogen-activated kinases in psoriatic arthritis: differences in activation and distinct regulation by etanercept therapy. *Arthritis Research*, **2005**, 7, P88		1
10	Noggin haploinsufficiency influences severity of arthritis in different mouse models. *Arthritis Research*, **2005**, 7, P118		78
9	Modulation of bone morphogenetic protein signaling inhibits the onset and progression of ankylosing enthesitis. *Journal of Clinical Investigation*, **2005**, 115, 1571-9	15.9	226
8	Polyclonal immunoglobulins for intravenous use induce interleukin 10 release in vivo and in vitro. *Annals of the Rheumatic Diseases*, **2004**, 63, 747-8	2.4	11
7	Ankylosing enthesitis, dactylitis, and onychoperiostitis in male DBA/1 mice: a model of psoriatic arthritis. *Annals of the Rheumatic Diseases*, **2004**, 63, 595-8	2.4	109
6	Enhanced osteoclast development in collagen-induced arthritis in interferon-gamma receptor knock-out mice as related to increased splenic CD11b+ myelopoiesis. *Arthritis Research*, **2004**, 6, R220-31		49
5	Dependence on interferon-gamma for the spontaneous occurrence of arthritis in DBA/1 mice. *Arthritis and Rheumatism*, **2003**, 48, 2983-8		21
4	Bone morphogenetic proteins 2 and 6, expressed in arthritic synovium, are regulated by proinflammatory cytokines and differentially modulate fibroblast-like synoviocyte apoptosis. *Arthritis and Rheumatism*, **2003**, 48, 2807-18		134
3	In vitro growth rate of fibroblast-like synovial cells is reduced by methotrexate treatment. *Annals of the Rheumatic Diseases*, **2003**, 62, 568-71	2.4	14

2	Niemann-Pick disease type B: an unusual clinical presentation with multiple vertebral fractures. *American Journal of Medical Genetics Part A*, **2002**, 109, 42-51		23
1	Osteoprotegerin and osteoprotegerin-ligand balance: a new paradigm in bone metabolism providing new therapeutic targets. *Clinical Rheumatology*, **2001**, 20, 3-9	3.9	29