

# Marije I Koenders

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

146  
papers

6,850  
citations

46  
h-index

80  
g-index

186  
ext. papers

7,978  
ext. citations

5  
avg, IF

5.57  
L-index

#	Paper	IF	Citations
146	Local inhibition of TGF- $\beta$ signaling improves Th17/Treg balance but not joint pathology during experimental arthritis.. <i>Scientific Reports</i> , <b>2022</b> , 12, 3182	4.9	0
145	Fibroblast Activation Protein Targeted Photodynamic Therapy Selectively Kills Activated Skin Fibroblasts from Systemic Sclerosis Patients and Prevents Tissue Contraction. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
144	Flood Control: How Milk-Derived Extracellular Vesicles Can Help to Improve the Intestinal Barrier Function and Break the Gut-Joint Axis in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 703277	8.4	4
143	Systemic overexpression of interleukin-22 induces the negative immune-regulator SOCS3 and potently reduces experimental arthritis in mice. <i>Rheumatology</i> , <b>2021</b> , 60, 1974-1983	3.9	2
142	SMASHSrecommendations for standardised microscopic arthritis scoring of histological sections from inflammatory arthritis animal models. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> ,	2.4	10
141	Osteoarthritis-Related Inflammation Blocks TGF- $\beta$ Protective Effect on Chondrocyte Hypertrophy via (de)Phosphorylation of the SMAD2/3 Linker Region. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
140	S100A8/A9 is not essential for the development of inflammation and joint pathology in interleukin-1 receptor antagonist knockout mice. <i>Arthritis Research and Therapy</i> , <b>2021</b> , 23, 216	5.7	0
139	Targeting of fibroblast activation protein in rheumatoid arthritis patients: imaging and ex vivo photodynamic therapy. <i>Rheumatology</i> , <b>2021</b> ,	3.9	3
138	The citrullinated/native index of autoantibodies against hnRNP-DL predicts an individual "window of treatment success" in RA patients. <i>Arthritis Research and Therapy</i> , <b>2021</b> , 23, 239	5.7	0
137	An optimized method for plasma extracellular vesicles isolation to exclude the copresence of biological drugs and plasma proteins which impairs their biological characterization. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236508	3.7	1
136	Targeted photodynamic therapy selectively kills activated fibroblasts in experimental arthritis. <i>Rheumatology</i> , <b>2020</b> , 59, 3952-3960	3.9	7
135	Selective Increment of Synovial Soluble TYRO3 Correlates with Disease Severity and Joint Inflammation in Patients with Rheumatoid Arthritis. <i>Journal of Immunology Research</i> , <b>2020</b> , 2020, 9690832	4.5	1
134	The alarmins S100A8 and S100A9 mediate acute pain in experimental synovitis. <i>Arthritis Research and Therapy</i> , <b>2020</b> , 22, 199	5.7	1
133	Linkage of Periodontitis and Rheumatoid Arthritis: Current Evidence and Potential Biological Interactions. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	54
132	IL-1 $\beta$ Mediated Activation of Adipose-Derived Mesenchymal Stromal Cells Results in PMN Reallocation and Enhanced Phagocytosis: A Possible Mechanism for the Reduction of Osteoarthritis Pathology. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1075	8.4	9
131	IL-1 $\beta$ Damages Fibrocartilage and Upregulates MMP-13 Expression in Fibrochondrocytes in the Condyle of the Temporomandibular Joint. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	9
130	Supplementation of diet with non-digestible oligosaccharides alters the intestinal microbiota, but not arthritis development, in IL-1 receptor antagonist deficient mice. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219366	3.7	6

129	Systemic Resolvin E1 (RvE1) Treatment Does Not Ameliorate the Severity of Collagen-Induced Arthritis (CIA) in Mice: A Randomized, Prospective, and Controlled Proof of Concept Study. <i>Mediators of Inflammation</i> , <b>2019</b> , 2019, 5689465	4.3	7
128	A three-dimensional model to study human synovial pathology. <i>ALTEX: Alternatives To Animal Experimentation</i> , <b>2019</b> , 36, 18-28	4.3	17
127	The level of synovial AXL expression determines the outcome of inflammatory arthritis, possibly depending on the upstream role of TGF- $\beta$ . <i>Rheumatology</i> , <b>2019</b> , 58, 536-546	3.9	7
126	High LDL-C levels attenuate onset of inflammation and cartilage destruction in antigen-induced arthritis. <i>Clinical and Experimental Rheumatology</i> , <b>2019</b> , 37, 983-993	2.2	0
125	Imaging fibroblast activation protein to monitor therapeutic effects of neutralizing interleukin-22 in collagen-induced arthritis. <i>Rheumatology</i> , <b>2018</b> , 57, 737-747	3.9	16
124	Non-classical monocytes as mediators of tissue destruction in arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 1490-1497	2.4	31
123	NLRP3 inflammasome inhibitor OLT1177 suppresses joint inflammation in murine models of acute arthritis. <i>Arthritis Research and Therapy</i> , <b>2018</b> , 20, 169	5.7	72
122	Protective Role of the MER Tyrosine Kinase Efferocytosis in Rheumatoid Arthritis Models. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 742	8.4	18
121	The involvement of Toll-like receptor 9 in the pathogenesis of erosive autoimmune arthritis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 4399-4409	5.6	9
120	Fc $\gamma$ receptor-mediated influx of S100A8/A9-producing neutrophils as inducer of bone erosion during antigen-induced arthritis. <i>Arthritis Research and Therapy</i> , <b>2018</b> , 20, 80	5.7	8
119	Treatment of collagenase-induced osteoarthritis with a viral vector encoding TSG-6 results in ectopic bone formation. <i>PeerJ</i> , <b>2018</b> , 6, e4771	3.1	5
118	Rheumatoid Arthritis Patients With Circulating Extracellular Vesicles Positive for IgM Rheumatoid Factor Have Higher Disease Activity. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2388	8.4	11
117	Tyro3/Axl/Mertk-deficient mice develop bone marrow edema which is an early pathological marker in rheumatoid arthritis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205902	3.7	4
116	The role of NOX2-derived reactive oxygen species in collagenase-induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2018</b> , 26, 1722-1732	6.2	6
115	Microbiota-Dependent Involvement of Th17 Cells in Murine Models of Inflammatory Arthritis. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 1971-1983	9.5	26
114	A Dual Role of Upper Zone of Growth Plate and Cartilage Matrix-Associated Protein in Human and Mouse Osteoarthritic Cartilage: Inhibition of Aggrecanases and Promotion of Bone Turnover. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 1233-1245	9.5	18
113	Defective germinal center B-cell response and reduced arthritic pathology in microRNA-29a-deficient mice. <i>Cellular and Molecular Life Sciences</i> , <b>2017</b> , 74, 2095-2106	10.3	24
112	MicroRNA-146a governs fibroblast activation and joint pathology in arthritis. <i>Journal of Autoimmunity</i> , <b>2017</b> , 82, 74-84	15.5	28

111	Genetic modification of ER-Hoxb8 osteoclast precursors using CRISPR/Cas9 as a novel way to allow studies on osteoclast biology. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 957-966	6.5	8
110	Interleukin 1 $\beta$ -induced SMAD2/3 linker modifications are TAK1 dependent and delay TGF $\beta$ signaling in primary human mesenchymal stem cells. <i>Cellular Signalling</i> , <b>2017</b> , 40, 190-199	4.9	12
109	S100A8/A9 increases the mobilization of pro-inflammatory Ly6C monocytes to the synovium during experimental osteoarthritis. <i>Arthritis Research and Therapy</i> , <b>2017</b> , 19, 217	5.7	21
108	Th17-Mediated Cross Protection against Pneumococcal Carriage by Vaccination with a Variable Antigen. <i>Infection and Immunity</i> , <b>2017</b> , 85,	3.7	21
107	Brief Report: Induction of Matrix Metalloproteinase Expression by Synovial Wnt Signaling and Association With Disease Progression in Early Symptomatic Osteoarthritis. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 1978-1983	9.5	20
106	Alteration of the intestinal microbiome characterizes preclinical inflammatory arthritis in mice and its modulation attenuates established arthritis. <i>Scientific Reports</i> , <b>2017</b> , 7, 15613	4.9	59
105	Transcriptional profiling distinguishes inner and outer annulus fibrosus from nucleus pulposus in the bovine intervertebral disc. <i>European Spine Journal</i> , <b>2017</b> , 26, 2053-2062	2.7	32
104	Aberrant intestinal microbiota due to IL-1 receptor antagonist deficiency promotes IL-17- and TLR4-dependent arthritis. <i>Microbiome</i> , <b>2017</b> , 5, 63	16.6	42
103	Synovial macrophages promote TGF $\beta$ -signaling and protect against influx of S100A8/S100A9-producing cells after intra-articular injections of oxidized low-density lipoproteins. <i>Osteoarthritis and Cartilage</i> , <b>2017</b> , 25, 118-127	6.2	23
102	Interleukin-1 is not involved in synovial inflammation and cartilage destruction in collagenase-induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2017</b> , 25, 385-396	6.2	34
101	Liposomal Treatment of Experimental Arthritis Can Be Monitored Noninvasively with a Radiolabeled Anti-Fibroblast Activation Protein Antibody. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 151-155 <sup>8.9</sup>	8.9	26
100	Higher efficacy of anti-IL-6/IL-21 combination therapy compared to monotherapy in the induction phase of Th17-driven experimental arthritis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171757	3.7	13
99	IL37 dampens the IL1 $\beta$ -induced catabolic status of human OA chondrocytes. <i>Rheumatology</i> , <b>2017</b> , 56, 351-361	3.9	4
98	Alpha-1-anti-trypsin-Fc fusion protein ameliorates gouty arthritis by reducing release and extracellular processing of IL-1 $\beta$ and by the induction of endogenous IL-1Ra. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 1219-27	2.4	50
97	Treating experimental arthritis with the innate immune inhibitor interleukin-37 reduces joint and systemic inflammation. <i>Rheumatology</i> , <b>2016</b> , 55, 2220-2229	3.9	56
96	Alarmin S100A9 Induces Proinflammatory and Catabolic Effects Predominantly in the M1 Macrophages of Human Osteoarthritic Synovium. <i>Journal of Rheumatology</i> , <b>2016</b> , 43, 1874-1884	4.1	34
95	Chronic skin inflammation leads to bone loss by IL-17-mediated inhibition of Wnt signaling in osteoblasts. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 330ra37	17.5	96
94	Monitoring Therapy Response of Experimental Arthritis with Radiolabeled Tracers Targeting Fibroblasts, Macrophages, or Integrin $\alpha$ $\beta$ . <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 467-72	8.9	28

93	Milk extracellular vesicles accelerate osteoblastogenesis but impair bone matrix formation. <i>Journal of Nutritional Biochemistry</i> , <b>2016</b> , 30, 74-84	6.3	28
92	High LDL levels lead to increased synovial inflammation and accelerated ectopic bone formation during experimental osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2016</b> , 24, 844-55	6.2	37
91	Disease-Regulated Gene Therapy with Anti-Inflammatory Interleukin-10 Under the Control of the CXCL10 Promoter for the Treatment of Rheumatoid Arthritis. <i>Human Gene Therapy</i> , <b>2016</b> , 27, 244-54	4.8	33
90	Secukinumab for rheumatology: development and its potential place in therapy. <i>Drug Design, Development and Therapy</i> , <b>2016</b> , 10, 2069-80	4.4	22
89	Suppression of the inflammatory response by disease-inducible interleukin-10 gene therapy in a three-dimensional micromass model of the human synovial membrane. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 186	5.7	14
88	S100A8/A9, a potent serum and molecular imaging biomarker for synovial inflammation and joint destruction in seronegative experimental arthritis. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 247	5.7	11
87	Functional Tissue Analysis Reveals Successful Cryopreservation of Human Osteoarthritic Synovium. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167076	3.7	15
86	Novel therapeutic targets in rheumatoid arthritis. <i>Trends in Pharmacological Sciences</i> , <b>2015</b> , 36, 189-95	13.2	100
85	Induction of Canonical Wnt Signaling by Synovial Overexpression of Selected Wnts Leads to Protease Activity and Early Osteoarthritis-Like Cartilage Damage. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 1970-80	5.8	42
84	Immuno-PET and Immuno-SPECT of Rheumatoid Arthritis with Radiolabeled Anti-Fibroblast Activation Protein Antibody Correlates with Severity of Arthritis. <i>Journal of Nuclear Medicine</i> , <b>2015</b> , 56, 778-83	8.9	59
83	Phosphatase and tensin homolog (PTEN) in antigen-presenting cells controls Th17-mediated autoimmune arthritis. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 230	5.7	17
82	The role of the Th17 cytokines IL-17 and IL-22 in Rheumatoid Arthritis pathogenesis and developments in cytokine immunotherapy. <i>Cytokine</i> , <b>2015</b> , 74, 101-7	4	82
81	Disease-regulated local IL-10 gene therapy diminishes synovitis and cartilage proteoglycan depletion in experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 2084-91	2.4	24
80	Oral administration of bovine milk derived extracellular vesicles attenuates arthritis in two mouse models. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 1701-12	5.9	144
79	Complementary action of granulocyte macrophage colony-stimulating factor and interleukin-17A induces interleukin-23, receptor activator of nuclear factor- $\kappa$ B ligand, and matrix metalloproteinases and drives bone and cartilage pathology in experimental arthritis: rationale for combination therapy in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 163	5.7	36
78	Heterogeneous Nuclear RNP A2/B1 in Two Experimental Models of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 2536-46	9.5	10
77	Commercial cow milk contains physically stable extracellular vesicles expressing immunoregulatory TGF- $\beta$ . <i>PLoS ONE</i> , <b>2015</b> , 10, e0121123	3.7	116
76	Toll-like receptor mediated modulation of T cell response by commensal intestinal microbiota as a trigger for autoimmune arthritis. <i>Journal of Immunology Research</i> , <b>2015</b> , 2015, 527696	4.5	51

75	TGF- $\beta$ s is a potent inducer of Nerve Growth Factor in articular cartilage via the ALK5-Smad2/3 pathway. Potential role in OA related pain?. <i>Osteoarthritis and Cartilage</i> , <b>2015</b> , 23, 478-86	6.2	48
74	The in-vivo use of superparamagnetic iron oxide nanoparticles to detect inflammation elicits a cytokine response but does not aggravate experimental arthritis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126687	3.7	25
73	Periodontal pathogens directly promote autoimmune experimental arthritis by inducing a TLR2- and IL-1-driven Th17 response. <i>Journal of Immunology</i> , <b>2014</b> , 192, 4103-11	5.3	128
72	Interleukin-21 receptor deficiency increases the initial toll-like receptor 2 response but protects against joint pathology by reducing Th1 and Th17 cells during streptococcal cell wall arthritis. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 886-95	9.5	22
71	Monitoring the effects of dexamethasone treatment by MRI using in vivo iron oxide nanoparticle-labeled macrophages. <i>Arthritis Research and Therapy</i> , <b>2014</b> , 16, R131	5.7	19
70	A8.29 Commensal intestinal microbiota drives spontaneous interleukin-1- and T helper 17-mediated arthritis in mice. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, A87.2-A88	2.4	1
69	A1.81 Mincle is not essential in T-cell independent arthritis models. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, A35.3-A36	2.4	
68	4.8 Role of Toll-like receptor 9 in the pathogenesis of inflammatory autoimmune arthritis and osteoclast activation. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, A59.2-A60	2.4	
67	A1.22 IL-22 Drives the initiation and augmentation of TH17-dependent experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, A9.2-A9	2.4	
66	Glucose kinetics in the collagen-induced arthritis model: an all-in-one model to assess both efficacy and metabolic side effects of glucocorticoids. <i>PLoS ONE</i> , <b>2014</b> , 9, e98684	3.7	4
65	In Vivo Molecular Imaging of Cathepsin and Matrix Metalloproteinase Activity Discriminates between Arthritic and Osteoarthritic Processes in Mice. <i>Molecular Imaging</i> , <b>2014</b> , 13, 7290.2014.00001	3.7	14
64	Monocytic cell differentiation from band-stage neutrophils under inflammatory conditions via MKK6 activation. <i>Blood</i> , <b>2014</b> , 124, 2713-24	2.2	30
63	1.56 Synergism between GM-CSF and IL-17 causes enhanced joint pathology via the production of IL-6 and IL-23. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, A24.1-A24	2.4	
62	GM-CSF as a therapeutic target in inflammatory diseases. <i>Molecular Immunology</i> , <b>2013</b> , 56, 675-82	4.3	70
61	The Th17 pathway as a therapeutic target in rheumatoid arthritis and other autoimmune and inflammatory disorders. <i>BioDrugs</i> , <b>2013</b> , 27, 439-52	7.9	24
60	Reply: To PMID 23860661. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 3314-6		4
59	Toll-like receptor 2 controls acute immune complex-driven arthritis in mice by regulating the inhibitory Fc $\gamma$ receptor IIB. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 2583-93		15
58	A2.11 Involvement of the Nucleic Acid Recognising Toll-Like Receptors TLR7 and TLR9 in the Pathogenesis of Erosive Arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A8.1-A8	2.4	

57	A3.5 Combination Blocking of IL-6 and IL-21 in Experimental Arthritis Inhibits their Redundant Role in Th17-Driven Joint Pathology. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A15.1-A15	2.4	
56	Critical Role of IL-17 in Experimental Arthritis <b>2013</b> , 131-141		
55	Anti IL-17A therapy inhibits bone loss in TNF- $\beta$ -mediated murine arthritis by modulation of the T-cell balance. <i>European Journal of Immunology</i> , <b>2012</b> , 42, 413-23	6.1	39
54	PTEN in antigen presenting cells is a master regulator for Th17-mediated autoimmune pathology. <i>Arthritis Research and Therapy</i> , <b>2012</b> , 14,	5.7	1
53	Murine <i>Borrelia</i> arthritis is highly dependent on ASC and caspase-1, but independent of NLRP3. <i>Arthritis Research and Therapy</i> , <b>2012</b> , 14, R247	5.7	16
52	Exposure to <i>Candida albicans</i> polarizes a T-cell driven arthritis model towards Th17 responses, resulting in a more destructive arthritis. <i>PLoS ONE</i> , <b>2012</b> , 7, e38889	3.7	12
51	Destructive role of myeloid differentiation factor 88 and protective role of TRIF in interleukin-17-dependent arthritis in mice. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 1838-47		19
50	T cell lessons from the rheumatoid arthritis synovium SCID mouse model: CD3-rich synovium lacks response to CTLA-4Ig but is successfully treated by interleukin-17 neutralization. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 1762-70		22
49	Interleukin 32 (IL-32) contains a typical $\beta$ helix bundle structure that resembles focal adhesion targeting region of focal adhesion kinase-1. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 5733-43	5.4	62
48	NIR-fluorescence imaging points at a role for matrix-metalloproteinases in causing irreversible cartilage damage during collagen-induced arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, A61.3-A62 <sup>2,4</sup>		
47	Increased innate immune responses by interleukin-22 contributes to the inflammatory process in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, A11.2-A12	2.4	
46	Periodontal pathogens amplify arthritic bone erosion by reducing the TH2 response and promoting a toll-like receptor 2-dependent TH17 phenotype. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, A28.1-A28 <sup>2,4</sup>		
45	IL-21 induces SOCS-mediated suppression of TLR triggering but aggravates TH17-driven destructive arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, A78.1-A78	2.4	
44	Up-regulation of the inflammatory response by ovariectomy in collagen-induced arthritis. effects of tin protoporphyrin IX. <i>Inflammation</i> , <b>2011</b> , 34, 585-96	5.1	6
43	Essential role of microRNA-155 in the pathogenesis of autoimmune arthritis in mice. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 1281-8		198
42	The anti-CD20 antibody rituximab reduces the Th17 cell response. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 1507-16		135
41	Tumor necrosis factor-interleukin-17 interplay induces S100A8, interleukin-1 $\beta$ and matrix metalloproteinases, and drives irreversible cartilage destruction in murine arthritis: rationale for combination treatment during arthritis. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 2329-39		104
40	Increased expression of interleukin-22 by synovial Th17 cells during late stages of murine experimental arthritis is controlled by interleukin-1 and enhances bone degradation. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 2939-48		55

39	Tumour necrosis factor alpha-driven IL-32 expression in rheumatoid arthritis synovial tissue amplifies an inflammatory cascade. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 660-7	2.4	90
38	Deficiency of Nrf2 accelerates the effector phase of arthritis and aggravates joint disease. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 15, 889-901	8.4	79
37	Increased IL-22 expression by synovial Th17 cells during late stages of arthritis is controlled by IL-1 and enhances bone degradation. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, A51-A52	2.4	
36	Toll-like receptor 2 negatively regulates Fcγ receptor response in macrophages and inhibits Fcγ-mediated arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, A36-A36	2.4	
35	Inflammation-dependent secretion and splicing of IL-32{gamma} in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 4962-7	11.5	85
34	Dual role of IL-21 in experimental arthritis via SOCS regulation and Th17 differentiation. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, A52-A52	2.4	
33	T cell lessons from the RA synovium SCID mouse model: synovial tissue rich in CD3 T cells lacks response to CTLA4-Ig, but is successfully treated with anti-IL-17 antibodies. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, A73-A74	2.4	
32	Micro-RNA 155 controls the pathogenesis of autoimmune arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, A79-A80	2.4	
31	Translational mini-review series on Th17 cells: are T helper 17 cells really pathogenic in autoimmunity?. <i>Clinical and Experimental Immunology</i> , <b>2010</b> , 159, 131-6	6.2	34
30	IL-32gamma and Streptococcus pyogenes cell wall fragments synergise for IL-1-dependent destructive arthritis via upregulation of TLR-2 and NOD2. <i>Annals of the Rheumatic Diseases</i> , <b>2010</b> , 69, 1866-72	2.4	28
29	IL-32 and streptococcus pyogenes cell wall fragments synergise for IL-1-dependent destructive arthritis via upregulation of TLR-2 and NOD2. <i>Annals of the Rheumatic Diseases</i> , <b>2010</b> , 69, A47-A48	2.4	
28	IL-21R deficiency during experimental arthritis increases local expression of inflammatory mediators but protects against joint pathology by suppressing Th17 cells. <i>Annals of the Rheumatic Diseases</i> , <b>2010</b> , 69, A73-A74	2.4	
27	The CO-releasing molecule CORM-3 protects against articular degradation in the K/BxN serum transfer arthritis model. <i>European Journal of Pharmacology</i> , <b>2010</b> , 634, 184-91	5.3	33
26	Engagement of fatty acids with Toll-like receptor 2 drives interleukin-1β production via the ASC/caspase 1 pathway in monosodium urate monohydrate crystal-induced gouty arthritis. <i>Arthritis and Rheumatism</i> , <b>2010</b> , 62, 3237-48		208
25	Role of interleukin 17 in arthritis chronicity through survival of synoviocytes via regulation of synoviolin expression. <i>PLoS ONE</i> , <b>2010</b> , 5, e13416	3.7	57
24	Combined blockade of granulocyte-macrophage colony stimulating factor and interleukin 17 pathways potently suppresses chronic destructive arthritis in a tumour necrosis factor alpha-independent mouse model. <i>Annals of the Rheumatic Diseases</i> , <b>2009</b> , 68, 721-8	2.4	49
23	12/15-lipoxygenase counteracts inflammation and tissue damage in arthritis. <i>Journal of Immunology</i> , <b>2009</b> , 183, 3383-9	5.3	120
22	Different amplifying mechanisms of interleukin-17 and interferon-gamma in Fcγ receptor-mediated cartilage destruction in murine immune complex-mediated arthritis. <i>Arthritis and Rheumatism</i> , <b>2009</b> , 60, 396-407		15



21	Inflammatory arthritis in caspase 1 gene-deficient mice: contribution of proteinase 3 to caspase 1-independent production of bioactive interleukin-1beta. <i>Arthritis and Rheumatism</i> , <b>2009</b> , 60, 3651-62		239
20	Local interleukin-1-driven joint pathology is dependent on toll-like receptor 4 activation. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 2004-13	5.8	43
19	Critical role of IL-17 in experimental arthritis <b>2009</b> , 83-94		
18	Stimulation of TLR2 and TLR4 differentially skews the balance of T cells in a mouse model of arthritis. <i>Journal of Clinical Investigation</i> , <b>2008</b> , 118, 205-16	15.9	368
17	T cell dependence of chronic destructive murine arthritis induced by repeated local activation of Toll-like receptor-driven pathways: crucial role of both interleukin-1beta and interleukin-17. <i>Arthritis and Rheumatism</i> , <b>2008</b> , 58, 98-108		67
16	Interleukin-1 drives pathogenic Th17 cells during spontaneous arthritis in interleukin-1 receptor antagonist-deficient mice. <i>Arthritis and Rheumatism</i> , <b>2008</b> , 58, 3461-70		89
15	Shift from toll-like receptor 2 (TLR-2) toward TLR-4 dependency in the erosive stage of chronic streptococcal cell wall arthritis coincident with TLR-4-mediated interleukin-17 production. <i>Arthritis and Rheumatism</i> , <b>2008</b> , 58, 3753-64		74
14	Amplifying elements of arthritis and joint destruction. <i>Annals of the Rheumatic Diseases</i> , <b>2007</b> , 66 Suppl 3, iii45-8	2.4	33
13	Interleukin-17 acts independently of TNF-alpha under arthritic conditions. <i>Journal of Immunology</i> , <b>2006</b> , 176, 6262-9	5.3	105
12	Potential new targets in arthritis therapy: interleukin (IL)-17 and its relation to tumour necrosis factor and IL-1 in experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2006</b> , 65 Suppl 3, iii29-33	2.4	78
11	Blocking of interleukin-17 during reactivation of experimental arthritis prevents joint inflammation and bone erosion by decreasing RANKL and interleukin-1. <i>American Journal of Pathology</i> , <b>2005</b> , 167, 1415-9 <sup>8</sup>		254
10	Local IL-18 gene transfer prevents severe joint destruction in murine collagen-induced arthritis by induction of IL-4 and osteoprotegerin. <i>Arthritis Research</i> , <b>2005</b> , 7, P66		78
9	Neutralizing IL-17 during re-activation of experimental arthritis prevents joint inflammation and bone erosion by decreasing RANKL and IL-1. <i>Arthritis Research</i> , <b>2005</b> , 7, P53		78
8	The role of T-cell interleukin-17 in conducting destructive arthritis: lessons from animal models. <i>Arthritis Research</i> , <b>2005</b> , 7, 29-37		287
7	Induction of cartilage damage by overexpression of T cell interleukin-17A in experimental arthritis in mice deficient in interleukin-1. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 975-83		83
6	Interleukin-17 receptor deficiency results in impaired synovial expression of interleukin-1 and matrix metalloproteinases 3, 9, and 13 and prevents cartilage destruction during chronic reactivated streptococcal cell wall-induced arthritis. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 3239-47		160
5	Treatment with a neutralizing anti-murine interleukin-17 antibody after the onset of collagen-induced arthritis reduces joint inflammation, cartilage destruction, and bone erosion. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 650-9		611
4	Local activation of STAT-1 and STAT-3 in the inflamed synovium during zymosan-induced arthritis: exacerbation of joint inflammation in STAT-1 gene-knockout mice. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 2014-23		76

3	Interleukin-18 promotes joint inflammation and induces interleukin-1-driven cartilage destruction. <i>American Journal of Pathology</i> , <b>2004</b> , 165, 959-67	5.8	69
2	Toll-like receptor 2 pathway drives streptococcal cell wall-induced joint inflammation: critical role of myeloid differentiation factor 88. <i>Journal of Immunology</i> , <b>2003</b> , 171, 6145-53	5.3	180
1	TNF dependency of IL-17-induced joint pathology can be circumvented by Toll-like receptor-2 signaling. <i>Arthritis Research</i> , <b>2003</b> , 5, 41		78