

Marije I Koenders

List of Publications by Citations

Source: <https://exaly.com/author-pdf/404788/marije-i-koenders-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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> , 2004 , 50, 650-9		611
145	Stimulation of TLR2 and TLR4 differentially skews the balance of T cells in a mouse model of arthritis. <i>Journal of Clinical Investigation</i> , 2008 , 118, 205-16	15.9	368
144	The role of T-cell interleukin-17 in conducting destructive arthritis: lessons from animal models. <i>Arthritis Research</i> , 2005 , 7, 29-37		287
143	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> , 2005 , 167, 1415-9 ⁸		254
142	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> , 2009 , 60, 3651-62		239
141	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> , 2010 , 62, 3237-48		208
140	Essential role of microRNA-155 in the pathogenesis of autoimmune arthritis in mice. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1281-8		198
139	Toll-like receptor 2 pathway drives streptococcal cell wall-induced joint inflammation: critical role of myeloid differentiation factor 88. <i>Journal of Immunology</i> , 2003 , 171, 6145-53	5.3	180
138	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> , 2005 , 52, 3239-47		160
137	Oral administration of bovine milk derived extracellular vesicles attenuates arthritis in two mouse models. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1701-12	5.9	144
136	The anti-CD20 antibody rituximab reduces the Th17 cell response. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1507-16		135
135	Periodontal pathogens directly promote autoimmune experimental arthritis by inducing a TLR2- and IL-1-driven Th17 response. <i>Journal of Immunology</i> , 2014 , 192, 4103-11	5.3	128
134	12/15-lipoxygenase counteracts inflammation and tissue damage in arthritis. <i>Journal of Immunology</i> , 2009 , 183, 3383-9	5.3	120
133	Commercial cow milk contains physically stable extracellular vesicles expressing immunoregulatory TGF-β. <i>PLoS ONE</i> , 2015 , 10, e0121123	3.7	116
132	Interleukin-17 acts independently of TNF-alpha under arthritic conditions. <i>Journal of Immunology</i> , 2006 , 176, 6262-9	5.3	105
131	Tumor necrosis factor-interleukin-17 interplay induces S100A8, interleukin-1β and matrix metalloproteinases, and drives irreversible cartilage destruction in murine arthritis: rationale for combination treatment during arthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 2329-39		104
130	Novel therapeutic targets in rheumatoid arthritis. <i>Trends in Pharmacological Sciences</i> , 2015 , 36, 189-95	13.2	100

129	Chronic skin inflammation leads to bone loss by IL-17-mediated inhibition of Wnt signaling in osteoblasts. <i>Science Translational Medicine</i> , 2016 , 8, 330ra37	17.5	96
128	Tumour necrosis factor alpha-driven IL-32 expression in rheumatoid arthritis synovial tissue amplifies an inflammatory cascade. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 660-7	2.4	90
127	Interleukin-1 drives pathogenic Th17 cells during spontaneous arthritis in interleukin-1 receptor antagonist-deficient mice. <i>Arthritis and Rheumatism</i> , 2008 , 58, 3461-70		89
126	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> , 2011 , 108, 4962-7	11.5	85
125	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> , 2005 , 52, 975-83		83
124	The role of the Th17 cytokines IL-17 and IL-22 in Rheumatoid Arthritis pathogenesis and developments in cytokine immunotherapy. <i>Cytokine</i> , 2015 , 74, 101-7	4	82
123	Deficiency of Nrf2 accelerates the effector phase of arthritis and aggravates joint disease. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 889-901	8.4	79
122	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> , 2006 , 65 Suppl 3, iii29-33	2.4	78
121	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> , 2005 , 7, P66		78
120	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> , 2005 , 7, P53		78
119	TNF dependency of IL-17-induced joint pathology can be circumvented by Toll-like receptor-2 signaling. <i>Arthritis Research</i> , 2003 , 5, 41		78
118	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> , 2004 , 50, 2014-23		76
117	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> , 2008 , 58, 3753-64		74
116	NLRP3 inflammasome inhibitor OLT1177 suppresses joint inflammation in murine models of acute arthritis. <i>Arthritis Research and Therapy</i> , 2018 , 20, 169	5.7	72
115	GM-CSF as a therapeutic target in inflammatory diseases. <i>Molecular Immunology</i> , 2013 , 56, 675-82	4.3	70
114	Interleukin-18 promotes joint inflammation and induces interleukin-1-driven cartilage destruction. <i>American Journal of Pathology</i> , 2004 , 165, 959-67	5.8	69
113	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> , 2008 , 58, 98-108		67
112	Interleukin 32 (IL-32) contains a typical Ehelix bundle structure that resembles focal adhesion targeting region of focal adhesion kinase-1. <i>Journal of Biological Chemistry</i> , 2012 , 287, 5733-43	5.4	62

111	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> , 2015 , 56, 778-83	8.9	59
110	Alteration of the intestinal microbiome characterizes preclinical inflammatory arthritis in mice and its modulation attenuates established arthritis. <i>Scientific Reports</i> , 2017 , 7, 15613	4.9	59
109	Role of interleukin 17 in arthritis chronicity through survival of synoviocytes via regulation of synoviolin expression. <i>PLoS ONE</i> , 2010 , 5, e13416	3.7	57
108	Treating experimental arthritis with the innate immune inhibitor interleukin-37 reduces joint and systemic inflammation. <i>Rheumatology</i> , 2016 , 55, 2220-2229	3.9	56
107	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> , 2011 , 63, 2939-48		55
106	Linkage of Periodontitis and Rheumatoid Arthritis: Current Evidence and Potential Biological Interactions. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	54
105	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> , 2015 , 2015, 527696	4.5	51
104	Alpha-1-anti-trypsin-Fc fusion protein ameliorates gouty arthritis by reducing release and extracellular processing of IL-1 β and by the induction of endogenous IL-1Ra. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1219-27	2.4	50
103	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> , 2009 , 68, 721-8	2.4	49
102	TGF- β s 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> , 2015 , 23, 478-86	6.2	48
101	Local interleukin-1-driven joint pathology is dependent on toll-like receptor 4 activation. <i>American Journal of Pathology</i> , 2009 , 175, 2004-13	5.8	43
100	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> , 2015 , 185, 1970-80	5.8	42
99	Aberrant intestinal microbiota due to IL-1 receptor antagonist deficiency promotes IL-17- and TLR4-dependent arthritis. <i>Microbiome</i> , 2017 , 5, 63	16.6	42
98	Anti IL-17A therapy inhibits bone loss in TNF- β -mediated murine arthritis by modulation of the T-cell balance. <i>European Journal of Immunology</i> , 2012 , 42, 413-23	6.1	39
97	High LDL levels lead to increased synovial inflammation and accelerated ectopic bone formation during experimental osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 844-55	6.2	37
96	Complementary action of granulocyte macrophage colony-stimulating factor and interleukin-17A induces interleukin-23, receptor activator of nuclear factor- κ 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> , 2015 , 17, 163	5.7	36
95	Alarmin S100A9 Induces Proinflammatory and Catabolic Effects Predominantly in the M1 Macrophages of Human Osteoarthritic Synovium. <i>Journal of Rheumatology</i> , 2016 , 43, 1874-1884	4.1	34
94	Interleukin-1 is not involved in synovial inflammation and cartilage destruction in collagenase-induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 385-396	6.2	34

93	Translational mini-review series on Th17 cells: are T helper 17 cells really pathogenic in autoimmunity?. <i>Clinical and Experimental Immunology</i> , 2010 , 159, 131-6	6.2	34
92	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> , 2016 , 27, 244-54	4.8	33
91	The CO-releasing molecule CORM-3 protects against articular degradation in the K/BxN serum transfer arthritis model. <i>European Journal of Pharmacology</i> , 2010 , 634, 184-91	5.3	33
90	Amplifying elements of arthritis and joint destruction. <i>Annals of the Rheumatic Diseases</i> , 2007 , 66 Suppl 3, iii45-8	2.4	33
89	Transcriptional profiling distinguishes inner and outer annulus fibrosus from nucleus pulposus in the bovine intervertebral disc. <i>European Spine Journal</i> , 2017 , 26, 2053-2062	2.7	32
88	Non-classical monocytes as mediators of tissue destruction in arthritis. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1490-1497	2.4	31
87	Monocytic cell differentiation from band-stage neutrophils under inflammatory conditions via MKK6 activation. <i>Blood</i> , 2014 , 124, 2713-24	2.2	30
86	MicroRNA-146a governs fibroblast activation and joint pathology in arthritis. <i>Journal of Autoimmunity</i> , 2017 , 82, 74-84	15.5	28
85	Monitoring Therapy Response of Experimental Arthritis with Radiolabeled Tracers Targeting Fibroblasts, Macrophages, or Integrin $\alpha\beta$. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 467-72	8.9	28
84	Milk extracellular vesicles accelerate osteoblastogenesis but impair bone matrix formation. <i>Journal of Nutritional Biochemistry</i> , 2016 , 30, 74-84	6.3	28
83	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> , 2010 , 69, 1866-72	2.4	28
82	Liposomal Treatment of Experimental Arthritis Can Be Monitored Noninvasively with a Radiolabeled Anti-Fibroblast Activation Protein Antibody. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 151-155	8.9	26
81	Microbiota-Dependent Involvement of Th17 Cells in Murine Models of Inflammatory Arthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1971-1983	9.5	26
80	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> , 2015 , 10, e0126687	3.7	25
79	Defective germinal center B-cell response and reduced arthritic pathology in microRNA-29a-deficient mice. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 2095-2106	10.3	24
78	Disease-regulated local IL-10 gene therapy diminishes synovitis and cartilage proteoglycan depletion in experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 2084-91	2.4	24
77	The Th17 pathway as a therapeutic target in rheumatoid arthritis and other autoimmune and inflammatory disorders. <i>BioDrugs</i> , 2013 , 27, 439-52	7.9	24
76	Synovial macrophages promote TGF- β signaling and protect against influx of S100A8/S100A9-producing cells after intra-articular injections of oxidized low-density lipoproteins. <i>Osteoarthritis and Cartilage</i> , 2017 , 25, 118-127	6.2	23

75	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> , 2014 , 66, 886-95	9.5	22
74	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> , 2012 , 64, 1762-70		22
73	Secukinumab for rheumatology: development and its potential place in therapy. <i>Drug Design, Development and Therapy</i> , 2016 , 10, 2069-80	4.4	22
72	S100A8/A9 increases the mobilization of pro-inflammatory Ly6C monocytes to the synovium during experimental osteoarthritis. <i>Arthritis Research and Therapy</i> , 2017 , 19, 217	5.7	21
71	Th17-Mediated Cross Protection against Pneumococcal Carriage by Vaccination with a Variable Antigen. <i>Infection and Immunity</i> , 2017 , 85,	3.7	21
70	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> , 2017 , 69, 1978-1983	9.5	20
69	Monitoring the effects of dexamethasone treatment by MRI using in vivo iron oxide nanoparticle-labeled macrophages. <i>Arthritis Research and Therapy</i> , 2014 , 16, R131	5.7	19
68	Destructive role of myeloid differentiation factor 88 and protective role of TRIF in interleukin-17-dependent arthritis in mice. <i>Arthritis and Rheumatism</i> , 2012 , 64, 1838-47		19
67	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> , 2017 , 69, 1233-1245	9.5	18
66	Protective Role of the MER Tyrosine Kinase Efferocytosis in Rheumatoid Arthritis Models. <i>Frontiers in Immunology</i> , 2018 , 9, 742	8.4	18
65	Phosphatase and tensin homolog (PTEN) in antigen-presenting cells controls Th17-mediated autoimmune arthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 230	5.7	17
64	A three-dimensional model to study human synovial pathology. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019 , 36, 18-28	4.3	17
63	Imaging fibroblast activation protein to monitor therapeutic effects of neutralizing interleukin-22 in collagen-induced arthritis. <i>Rheumatology</i> , 2018 , 57, 737-747	3.9	16
62	Murine <i>Borrelia</i> arthritis is highly dependent on ASC and caspase-1, but independent of NLRP3. <i>Arthritis Research and Therapy</i> , 2012 , 14, R247	5.7	16
61	Toll-like receptor 2 controls acute immune complex-driven arthritis in mice by regulating the inhibitory Fcγ receptor IIB. <i>Arthritis and Rheumatism</i> , 2013 , 65, 2583-93		15
60	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> , 2009 , 60, 396-407		15
59	Functional Tissue Analysis Reveals Successful Cryopreservation of Human Osteoarthritic Synovium. <i>PLoS ONE</i> , 2016 , 11, e0167076	3.7	15
58	In Vivo Molecular Imaging of Cathepsin and Matrix Metalloproteinase Activity Discriminates between Arthritic and Osteoarthritic Processes in Mice. <i>Molecular Imaging</i> , 2014 , 13, 7290.2014.00001	3.7	14

57	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> , 2016 , 18, 186	5.7	14
56	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> , 2017 , 12, e0171757	3.7	13
55	Interleukin 1 β induced SMAD2/3 linker modifications are TAK1 dependent and delay TGF β signaling in primary human mesenchymal stem cells. <i>Cellular Signalling</i> , 2017 , 40, 190-199	4.9	12
54	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> , 2012 , 7, e38889	3.7	12
53	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> , 2016 , 18, 247	5.7	11
52	Rheumatoid Arthritis Patients With Circulating Extracellular Vesicles Positive for IgM Rheumatoid Factor Have Higher Disease Activity. <i>Frontiers in Immunology</i> , 2018 , 9, 2388	8.4	11
51	Inhibition of Inflammation and Bone Erosion by RNA Interference-Mediated Silencing of Heterogeneous Nuclear RNP A2/B1 in Two Experimental Models of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2536-46	9.5	10
50	SMASHS recommendations for standardised microscopic arthritis scoring of histological sections from inflammatory arthritis animal models. <i>Annals of the Rheumatic Diseases</i> , 2021 ,	2.4	10
49	IL-1 β -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> , 2019 , 10, 1075	8.4	9
48	IL-1 β Damages Fibrocartilage and Upregulates MMP-13 Expression in Fibrochondrocytes in the Condyle of the Temporomandibular Joint. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
47	The involvement of Toll-like receptor 9 in the pathogenesis of erosive autoimmune arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 4399-4409	5.6	9
46	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> , 2017 , 101, 957-966	6.5	8
45	Fc γ receptor-mediated influx of S100A8/A9-producing neutrophils as inducer of bone erosion during antigen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2018 , 20, 80	5.7	8
44	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> , 2019 , 2019, 5689465	4.3	7
43	Targeted photodynamic therapy selectively kills activated fibroblasts in experimental arthritis. <i>Rheumatology</i> , 2020 , 59, 3952-3960	3.9	7
42	The level of synovial AXL expression determines the outcome of inflammatory arthritis, possibly depending on the upstream role of TGF- β 1. <i>Rheumatology</i> , 2019 , 58, 536-546	3.9	7
41	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> , 2019 , 14, e0219366	3.7	6
40	Up-regulation of the inflammatory response by ovariectomy in collagen-induced arthritis. effects of tin protoporphyrin IX. <i>Inflammation</i> , 2011 , 34, 585-96	5.1	6

39	The role of NOX2-derived reactive oxygen species in collagenase-induced osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 1722-1732	6.2	6
38	Treatment of collagenase-induced osteoarthritis with a viral vector encoding TSG-6 results in ectopic bone formation. <i>PeerJ</i> , 2018 , 6, e4771	3.1	5
37	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> , 2014 , 9, e98684	3.7	4
36	Reply: To PMID 23860661. <i>Arthritis and Rheumatism</i> , 2013 , 65, 3314-6		4
35	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> , 2021 , 12, 703277	8.4	4
34	IL37 dampens the IL1 β induced catabolic status of human OA chondrocytes. <i>Rheumatology</i> , 2017 , 56, 351-361	3.9	4
33	Tyro3/Axl/Mertk-deficient mice develop bone marrow edema which is an early pathological marker in rheumatoid arthritis. <i>PLoS ONE</i> , 2018 , 13, e0205902	3.7	4
32	Targeting of fibroblast activation protein in rheumatoid arthritis patients: imaging and ex vivo photodynamic therapy. <i>Rheumatology</i> , 2021 ,	3.9	3
31	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> , 2021 , 22,	6.3	2
30	Systemic overexpression of interleukin-22 induces the negative immune-regulator SOCS3 and potently reduces experimental arthritis in mice. <i>Rheumatology</i> , 2021 , 60, 1974-1983	3.9	2
29	A8.29 Commensal intestinal microbiota drives spontaneous interleukin-1- and T helper 17-mediated arthritis in mice. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A87.2-A88	2.4	1
28	PTEN in antigen presenting cells is a master regulator for Th17-mediated autoimmune pathology. <i>Arthritis Research and Therapy</i> , 2012 , 14,	5.7	1
27	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> , 2020 , 15, e0236508	3.7	1
26	Selective Increment of Synovial Soluble TYRO3 Correlates with Disease Severity and Joint Inflammation in Patients with Rheumatoid Arthritis. <i>Journal of Immunology Research</i> , 2020 , 2020, 9690832	4.5	1
25	The alarmins S100A8 and S100A9 mediate acute pain in experimental synovitis. <i>Arthritis Research and Therapy</i> , 2020 , 22, 199	5.7	1
24	Osteoarthritis-Related Inflammation Blocks TGF- β Protective Effect on Chondrocyte Hypertrophy via (de)Phosphorylation of the SMAD2/3 Linker Region. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
23	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> , 2021 , 23, 216	5.7	0
22	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> , 2021 , 23, 239	5.7	0

21	High LDL-C levels attenuate onset of inflammation and cartilage destruction in antigen-induced arthritis. <i>Clinical and Experimental Rheumatology</i> , 2019 , 37, 983-993	2.2	○
20	Local inhibition of TGF- β signaling improves Th17/Treg balance but not joint pathology during experimental arthritis.. <i>Scientific Reports</i> , 2022 , 12, 3182	4.9	○
19	A1.81 Mincle is not essential in T-cell independent arthritis models. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A35.3-A36	2.4	
18	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> , 2014 , 73, A59.2-A60	2.4	
17	A1.22 IL-22 Drives the initiation and augmentation of TH17-dependent experimental arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A9.2-A9	2.4	
16	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> , 2014 , 73, A24.1-A24	2.4	
15	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> , 2013 , 72, A8.1-A8	2.4	
14	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> , 2013 , 72, A15.1-A15	2.4	
13	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> , 2010 , 69, A47-A48	2.4	
12	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> , 2010 , 69, A73-A74	2.4	
11	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> , 2011 , 70, A51-A52	2.4	
10	Toll-like receptor 2 negatively regulates Fc γ receptor response in macrophages and inhibits Fc γ mediated arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, A36-A36	2.4	
9	Dual role of IL-21 in experimental arthritis via SOCS regulation and Th17 differentiation. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, A52-A52	2.4	
8	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> , 2011 , 70, A73-A74	2.4	
7	Micro-RNA 155 controls the pathogenesis of autoimmune arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, A79-A80	2.4	
6	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> , 2012 , 71, A61.3-A62 ^{2.4}	2.4	
5	Increased innate immune responses by interleukin-22 contributes to the inflammatory process in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A11.2-A12	2.4	
4	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> , 2012 , 71, A28.1-A28 ^{2.4}	2.4	

- 3 IL-21 induces socs-mediated suppression of TLR triggering but aggravates TH17-driven destructive arthritis. *Annals of the Rheumatic Diseases*, **2012**, 71, A78.1-A78 2.4
- 2 Critical role of IL-17 in experimental arthritis **2009**, 83-94
- 1 Critical Role of IL-17 in Experimental Arthritis **2013**, 131-141