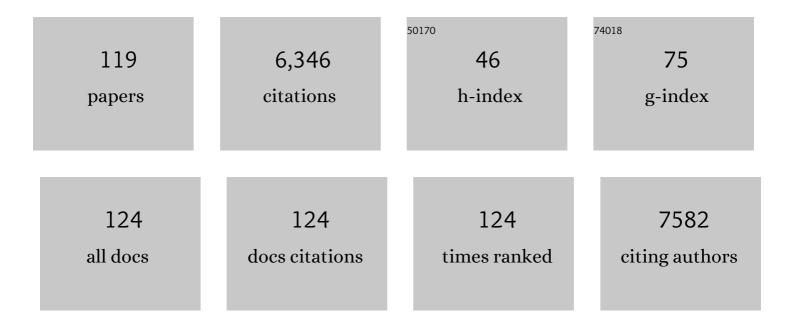
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The role of metabolism in the pathogenesis of osteoarthritis. Nature Reviews Rheumatology, 2017, 13, 302-311.	3.5	438
2	The pathogenesis of psoriatic arthritis. Lancet, The, 2018, 391, 2273-2284.	6.3	347
3	Hypoxia, oxidative stress and inflammation. Free Radical Biology and Medicine, 2018, 125, 15-24.	1.3	343
4	Hypoxia, mitochondrial dysfunction and synovial invasiveness in rheumatoid arthritis. Nature Reviews Rheumatology, 2016, 12, 385-397.	3.5	267
5	Resolution of inflammation by interleukin-9-producing type 2 innate lymphoid cells. Nature Medicine, 2017, 23, 938-944.	15.2	223
6	Synovial tissue hypoxia and inflammation in vivo. Annals of the Rheumatic Diseases, 2010, 69, 1389-1395.	0.5	198
7	Synovial tissue research: a state-of-the-art review. Nature Reviews Rheumatology, 2017, 13, 463-475.	3.5	175
8	Dysregulated bioenergetics: a key regulator of joint inflammation. Annals of the Rheumatic Diseases, 2016, 75, 2192-2200.	0.5	172
9	Angiopoietins, growth factors, and vascular morphology in early arthritis. Journal of Rheumatology, 2003, 30, 260-8.	1.0	157
10	Angiogenesis and blood vessel stability in inflammatory arthritis. Arthritis and Rheumatism, 2010, 62, 711-721.	6.7	132
11	Hypoxia and STAT3 signalling interactions regulate pro-inflammatory pathways in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2015, 74, 1275-1283.	0.5	125
12	Tofacitinib regulates synovial inflammation in psoriatic arthritis, inhibiting STAT activation and induction of negative feedback inhibitors. Annals of the Rheumatic Diseases, 2016, 75, 311-315.	0.5	117
13	Ex-Th17 (Nonclassical Th1) Cells Are Functionally Distinct from Classical Th1 and Th17 Cells and Are Not Constrained by Regulatory T Cells. Journal of Immunology, 2017, 198, 2249-2259.	0.4	113
14	Synovial Tissue Sublining CD68 Expression Is a Biomarker of Therapeutic Response in Rheumatoid Arthritis Clinical Trials: Consistency Across Centers. Journal of Rheumatology, 2009, 36, 1800-1802.	1.0	107
15	Resolution of endothelial activation and down-regulation of Tie2 receptor in psoriatic skin after infliximab therapy. Journal of the American Academy of Dermatology, 2006, 54, 1003-1012.	0.6	105
16	Hypoxia Activates NF-κB–Dependent Gene Expression Through the Canonical Signaling Pathway. Antioxidants and Redox Signaling, 2009, 11, 2057-2064.	2.5	103
17	<scp>JAK</scp> / <scp>STAT</scp> Blockade Alters Synovial Bioenergetics, Mitochondrial Function, and Proinflammatory Mediators in Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 1959-1970.	2.9	97
18	Cellular and molecular perspectives in rheumatoid arthritis. Seminars in Immunopathology, 2017, 39, 343-354	2.8	93

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#	Article	IF	CITATIONS
19	Hypoxia induces mitochondrial mutagenesis and dysfunction in inflammatory arthritis. Arthritis and Rheumatism, 2011, 63, 2172-2182.	6.7	89
20	Oxidative damage in synovial tissue is associated with in vivo hypoxic status in the arthritic joint. Annals of the Rheumatic Diseases, 2010, 69, 1172-1178.	0.5	87
21	Notch signalling pathways mediate synovial angiogenesis in response to vascular endothelial growth factor and angiopoietin 2. Annals of the Rheumatic Diseases, 2013, 72, 1080-1088.	0.5	87
22	Ustekinumab for the treatment of refractory giant cell arteritis. Annals of the Rheumatic Diseases, 2016, 75, 1578-1579.	0.5	87
23	Acuteâ€phase serum amyloid A regulates tumor necrosis factor α and matrix turnover and predicts disease progression in patients with inflammatory arthritis before and after biologic therapy. Arthritis and Rheumatism, 2012, 64, 1035-1045.	6.7	86
24	Integrative analysis reveals CD38 as a therapeutic target for plasma cell-rich pre-disease and established rheumatoid arthritis and systemic lupus erythematosus. Arthritis Research and Therapy, 2018, 20, 85.	1.6	83
25	Oncostatin M induces angiogenesis and cartilage degradation in rheumatoid arthritis synovial tissue and human cartilage cocultures. Arthritis and Rheumatism, 2006, 54, 3152-3162.	6.7	80
26	Remission in psoriatic arthritis: is it possible and how can it be predicted?. Arthritis Research and Therapy, 2010, 12, R94.	1.6	77
27	Polyfunctional, Pathogenic CD161+ Th17 Lineage Cells Are Resistant to Regulatory T Cell–Mediated Suppression in the Context of Autoimmunity. Journal of Immunology, 2015, 195, 528-540.	0.4	76
28	What makes psoriatic and rheumatoid arthritis so different?. RMD Open, 2015, 1, e000025-e000025.	1.8	75
29	CD40L-Dependent Pathway Is Active at Various Stages of Rheumatoid Arthritis Disease Progression. Journal of Immunology, 2017, 198, 4490-4501.	0.4	73
30	Blockade of Toll-like receptor 2 prevents spontaneous cytokine release from rheumatoid arthritis ex vivo synovial explant cultures. Arthritis Research and Therapy, 2011, 13, R33.	1.6	70
31	Mitochondrial mutagenesis correlates with the local inflammatory environment in arthritis. Annals of the Rheumatic Diseases, 2012, 71, 582-588.	0.5	70
32	Oxidative stress impairs energy metabolism in primary cells and synovial tissue of patients with rheumatoid arthritis. Arthritis Research and Therapy, 2018, 20, 95.	1.6	70
33	MicroRNAâ€17â€5p Reduces Inflammation and Bone Erosions in Mice With Collagenâ€Induced Arthritis and Directly Targets the JAK/STAT Pathway in Rheumatoid Arthritis Fibroblastâ€like Synoviocytes. Arthritis and Rheumatology, 2020, 72, 2030-2039.	2.9	70
34	Notchâ€1 mediates hypoxiaâ€induced angiogenesis in rheumatoid arthritis. Arthritis and Rheumatism, 2012, 64, 2104-2113.	6.7	69
35	Ustekinumab for refractory giant cell arteritis: A prospective 52-week trial. Seminars in Arthritis and Rheumatism, 2018, 48, 523-528.	1.6	69
36	Resolution of TLR2-induced inflammation through manipulation of metabolic pathways in Rheumatoid Arthritis. Scientific Reports, 2017, 7, 43165.	1.6	66

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37	Synovial Cytokine and Growth Factor Regulation of MMPs/TIMPs: Implications for Erosions and Angiogenesis in Early Rheumatoid and Psoriatic Arthritis Patients. Annals of the New York Academy of Sciences, 1999, 878, 619-621.	1.8	64
38	Toll-Like Receptor 2 Induced Angiogenesis and Invasion Is Mediated through the Tie2 Signalling Pathway in Rheumatoid Arthritis. PLoS ONE, 2011, 6, e23540.	1.1	62
39	STAT3 Mediates the Differential Effects of Oncostatin M and TNFα on RA Synovial Fibroblast and Endothelial Cell Function. Frontiers in Immunology, 2019, 10, 2056.	2.2	58
40	Acute serum amyloid A regulates cytoskeletal rearrangement, cell matrix interactions and promotes cell migration in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2011, 70, 1296-1303.	0.5	57
41	Successful tumour necrosis factor (TNF) blocking therapy suppresses oxidative stress and hypoxia-induced mitochondrial mutagenesis in inflammatory arthritis. Arthritis Research and Therapy, 2011, 13, R121.	1.6	55
42	Synovial Immunophenotype and Anti–Citrullinated Peptide Antibodies in Rheumatoid Arthritis Patients. Arthritis and Rheumatology, 2017, 69, 2114-2123.	2.9	54
43	Tumor necrosis factor blocking therapy alters joint inflammation and hypoxia. Arthritis and Rheumatism, 2011, 63, 923-932.	6.7	52
44	Toll-like receptor 2 (TLR2) induces migration and invasive mechanisms in rheumatoid arthritis. Arthritis Research and Therapy, 2015, 17, 153.	1.6	51
45	Association of synovial tissue polyfunctional T-cells with DAPSA in psoriatic arthritis. Annals of the Rheumatic Diseases, 2019, 78, 350-354.	0.5	51
46	Discovery and confirmation of a protein biomarker panel with potential to predict response to biological therapy in psoriatic arthritis. Annals of the Rheumatic Diseases, 2016, 75, 234-241.	0.5	50
47	Altered metabolic pathways regulate synovial inflammation in rheumatoid arthritis. Clinical and Experimental Immunology, 2019, 197, 170-180.	1.1	50
48	A Role for the High-Density Lipoprotein Receptor SR-B1 in Synovial Inflammation via Serum Amyloid-A. American Journal of Pathology, 2010, 176, 1999-2008.	1.9	49
49	Interleukinâ€17A induction of angiogenesis, cell migration, and cytoskeletal rearrangement. Arthritis and Rheumatism, 2011, 63, 3263-3273.	6.7	44
50	Low Density Granulocytes in ANCA Vasculitis Are Heterogenous and Hypo-Responsive to Anti-Myeloperoxidase Antibodies. Frontiers in Immunology, 2019, 10, 2603.	2.2	44
51	Pathogenic, glycolytic PD-1+ B cells accumulate in the hypoxic RA joint. JCI Insight, 2020, 5, .	2.3	44
52	Redoxâ€Mediated Angiogenesis in the Hypoxic Joint of Inflammatory Arthritis. Arthritis and Rheumatology, 2014, 66, 3300-3310.	2.9	41
53	Targeting bioenergetics prevents CD4 T cell–mediated activation of synovial fibroblasts in rheumatoid arthritis. Rheumatology, 2020, 59, 2816-2828.	0.9	41
54	Interleukin 12 and interleukin 23 play key pathogenic roles in inflammatory and proliferative pathways in giant cell arteritis. Annals of the Rheumatic Diseases, 2018, 77, 1815-1824.	0.5	38

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55	Rheumatoid arthritis CD14 ⁺ monocytes display metabolic and inflammatory dysfunction, a phenotype that precedes clinical manifestation of disease. Clinical and Translational Immunology, 2021, 10, e1237.	1.7	38
56	Dysregulated miR-125a promotes angiogenesis through enhanced glycolysis. EBioMedicine, 2019, 47, 402-413.	2.7	36
57	Serum miRNA Signature in Rheumatoid Arthritis and "At-Risk Individuals― Frontiers in Immunology, 2021, 12, 633201.	2.2	36
58	Long-term remission and biologic persistence rates: 12-year real-world data. Arthritis Research and Therapy, 2021, 23, 25.	1.6	30
59	Enriched Cd141+ DCs in the joint are transcriptionally distinct, activated, and contribute to joint pathogenesis. JCI Insight, 2018, 3, .	2.3	30
60	Tumor Necrosis Factor Inhibition Modulates Thrombospondin-1 Expression in Human Inflammatory Joint Disease through Altered NR4A2 Activity. American Journal of Pathology, 2013, 183, 1243-1257.	1.9	29
61	Standardisation of synovial biopsy analyses in rheumatic diseases: a consensus of the EULAR Synovitis and OMERACT Synovial Tissue Biopsy Groups. Arthritis Research and Therapy, 2018, 20, 265.	1.6	29
62	Enhanced angiogenic function in response to fibroblasts from psoriatic arthritis synovium compared to rheumatoid arthritis. Arthritis Research and Therapy, 2019, 21, 297.	1.6	29
63	Serum MicroRNA Signature as a Diagnostic and Therapeutic Marker in Patients with Psoriatic Arthritis. Journal of Rheumatology, 2020, 47, 1760-1767.	1.0	29
64	The PD-1:PD-L1 axis in Inflammatory Arthritis. BMC Rheumatology, 2021, 5, 1.	0.6	29
65	Altered expression of microRNA-23a in psoriatic arthritis modulates synovial fibroblast pro-inflammatory mechanisms via phosphodiesterase 4B. Journal of Autoimmunity, 2019, 96, 86-93.	3.0	28
66	Insulinâ€Resistant Pathways Are Associated With Disease Activity in Rheumatoid Arthritis and Are Subject to Disease Modification Through Metabolic Reprogramming: A Potential Novel Therapeutic Approach. Arthritis and Rheumatology, 2020, 72, 896-902.	2.9	28
67	C5orf30 is a negative regulator of tissue damage in rheumatoid arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11618-11623.	3.3	26
68	A clinically based protein discovery strategy to identify potential biomarkers of response to anti‶NFâ€Î± treatment of psoriatic arthritis. Proteomics - Clinical Applications, 2016, 10, 645-662.	0.8	26
69	The pathogenic role of dendritic cells in non-infectious anterior uveitis. Experimental Eye Research, 2018, 173, 121-128.	1.2	25
70	Monocyte-Derived Dendritic Cell Differentiation in Inflammatory Arthritis Is Regulated by the JAK/STAT Axis via NADPH Oxidase Regulation. Frontiers in Immunology, 2020, 11, 1406.	2.2	22
71	Cellular metabolic adaptations in rheumatoid arthritis and their therapeutic implications. Nature Reviews Rheumatology, 2022, 18, 398-414.	3.5	21
72	Rheumatoid arthritis synovial microenvironment induces metabolic and functional adaptations in dendritic cells. Clinical and Experimental Immunology, 2020, 202, 226-238.	1.1	20

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73	ACPA Status Correlates with Differential Immune Profile in Patients with Rheumatoid Arthritis. Cells, 2021, 10, 647.	1.8	20
74	CD209/CD14+ Dendritic Cells Characterization in Rheumatoid and Psoriatic Arthritis Patients: Activation, Synovial Infiltration, and Therapeutic Targeting. Frontiers in Immunology, 2021, 12, 722349.	2.2	19
75	Knee joint synovitis: study of correlations and diagnostic performances of ultrasonography compared with histopathology. RMD Open, 2018, 4, e000616.	1.8	17
76	Cell metabolism as a potentially targetable pathway in RA. Nature Reviews Rheumatology, 2019, 15, 70-72.	3.5	16
77	Loss of balance between protective and pro-inflammatory synovial tissue T-cell polyfunctionality predates clinical onset of rheumatoid arthritis. Annals of the Rheumatic Diseases, 2022, 81, 193-205.	0.5	16
78	Increased T Cell Plasticity With Dysregulation of Follicular Helper T, Peripheral Helper T, and Treg Cell Responses in Children With Juvenile Idiopathic Arthritis and Down Syndrome–Associated Arthritis. Arthritis and Rheumatology, 2020, 72, 677-686.	2.9	15
79	First use of tofacitinib to treat an immune checkpoint inhibitor-induced arthritis. BMJ Case Reports, 2021, 14, e238851.	0.2	15
80	Distinct stromal and immune cell interactions shape the pathogenesis of rheumatoid and psoriatic arthritis. Annals of the Rheumatic Diseases, 2022, 81, 1224-1242.	0.5	15
81	COVID-19 and rheumatic musculoskeletal disease patients: infection rates, attitudes and medication adherence in an Irish population. Rheumatology, 2021, 60, 902-906.	0.9	14
82	Metabolites as drivers and targets in rheumatoid arthritis. Clinical and Experimental Immunology, 2022, 208, 167-180.	1.1	13
83	Brief Report: Genetic Variation of the α ₁ â€Antitrypsin Gene Is Associated With Increased Autoantibody Production in Rheumatoid Arthritis. Arthritis and Rheumatology, 2017, 69, 1576-1579.	2.9	11
84	Targeting JAK-STAT Signalling Alters PsA Synovial Fibroblast Pro-Inflammatory and Metabolic Function. Frontiers in Immunology, 2021, 12, 672461.	2.2	9
85	Central Role of Semaphorin 3B in a Serumâ€Induced Arthritis Model and Reduced Levels in Patients With Rheumatoid Arthritis. Arthritis and Rheumatology, 2022, 74, 972-983.	2.9	9
86	Functionally Mature CD1c+ Dendritic Cells Preferentially Accumulate in the Inflammatory Arthritis Synovium. Frontiers in Immunology, 2021, 12, 745226.	2.2	8
87	Interleukin-6 does not upregulate pro-inflammatory cytokine expression in an ex vivo model of giant cell arteritis. Rheumatology Advances in Practice, 2019, 3, rkz011.	0.3	7
88	Performance characteristics and predictors of temporal artery ultrasound for the diagnosis of giant cell arteritis in routine clinical practice in a prospective cohort. Clinical and Experimental Rheumatology, 2019, 37 Suppl 117, 72-78.	0.4	5
89	Next-generation analysis of synovial tissue architecture. Nature Reviews Rheumatology, 2020, 16, 67-68.	3.5	4
90	Response to: â€~Regulatory role of the JAK STAT kinase signalling system on the IL-23/IL-17 cytokine axis in psoriatic arthritis' by Raychaudhuri <i>et al</i> . Annals of the Rheumatic Diseases, 2017, 76, e37-e37.	0.5	3

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91	Association of the Rheumatoid Arthritis Severity Variant rs26232 with the Invasive Activity of Synovial Fibroblasts. Cells, 2019, 8, 1300.	1.8	3
92	OP0296â€Hypoxia-Inducible Factor 2A Regulates Macrophage Function in Rheumatoid Arthritis. Annals of the Rheumatic Diseases, 2014, 73, 174.2-174.	0.5	2
93	A1.34â€Oncostatin M differentially regulates TNFα-induced pro-inflammatory mechanisms in the RA joint. Annals of the Rheumatic Diseases, 2016, 75, A14.3-A15.	0.5	2
94	The effects of alcohol consumption and its associations with disease activity among 979 patients with inflammatory arthritis. RMD Open, 2021, 7, e001510.	1.8	2
95	Inside the Joint of Inflammatory Arthritis Patients: Handling and Processing of Synovial Tissue Biopsies for High Throughput Analysis. Frontiers in Medicine, 2022, 9, 830998.	1.2	2
96	Key Challenges in Rheumatic and Musculoskeletal Disease Translational Research. EBioMedicine, 2014, 1, 95-96.	2.7	1
97	SAT0040â€Macroscopic Scores of Synovitis at Knee Arthroscopy Correlate well with CRP, Inflammatory Histology Findings, And can Predict Later Erosive Disease on Hands and Feet Plain Film Radiographs. Annals of the Rheumatic Diseases, 2015, 74, 662.4-663.	0.5	1
98	Response to: ustekinumab inhibits Th1 and Th17 polarisation in a giant-cell arteritis patient by Samson <i>et al</i> . Annals of the Rheumatic Diseases, 2018, 77, e7-e7.	0.5	1
99	Enrichment of polyfunctional T cells in PsA synovial tissue. Response to: †Polyfunctional TEM cells in psoriatic arthritis synovium skewed towards Th17 cells' by Raychaudhuri et al. Annals of the Rheumatic Diseases, 2020, , annrheumdis-2019-216814.	0.5	1
100	Smoking interferes with therapy of RA and PsA, induces chemotaxis and impairs vascular function in RA. Annals of the Rheumatic Diseases, 2011, 70, A10-A10.	0.5	0
101	Ankylosing spondylitis patient responses to TNFi is gender-specific: 6 year data from the distiller biologic registry. Annals of the Rheumatic Diseases, 2012, 71, A31.1-A31.	0.5	0
102	AB0157â€Effects of Anti-TNF Therapy on Markers of Angiogenesis and Vascular Disease in Rheumatoid Arthritis: A Comparative Approach. Annals of the Rheumatic Diseases, 2014, 73, 855.1-855.	0.5	0
103	OP0295â€Hypoxic Dysregulation of Energy Metabolism in the Inflamed Arthritic Joint. Annals of the Rheumatic Diseases, 2014, 73, 174.1-174.	O.5	0
104	AB0020â€The Role of Epigenetics in Determining the Clinical Response To Methotrexate for the Treatment of Rheumatoid Arthritis. Annals of the Rheumatic Diseases, 2015, 74, 897.3-897.	0.5	0
105	SAT0013â€Molecular and Cellular Repsonses to Inhibition of JAK-STAT Signalling in RA Synovial Fibroblasts and Whole Tissue Explants. Annals of the Rheumatic Diseases, 2015, 74, 654.1-654.	O.5	0
106	AB0115â€Phenotypic Variations of Alpha-One Anti-Trypsin Are Associated with Higher Titres of Ana. Annals of the Rheumatic Diseases, 2015, 74, 929.1-929.	0.5	0
107	THU0050â€Effects of Anti-TNF Therapy on Markers of Angiogenesis and Vascular Pathology in Arthritis: A Comparative Approach. Annals of the Rheumatic Diseases, 2015, 74, 210.1-210.	O.5	0
108	SAT0533â€Knee Synovitis: Ultrasonographic Findings Strongly Correlate with Synovial Membrane Histology. Annals of the Rheumatic Diseases, 2016, 75, 862.2-862.	0.5	0

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109	A8.08â€The role of epigenetics in determining the clinical response to methotrexate for the treatment of rheumatoid arthritis. Annals of the Rheumatic Diseases, 2016, 75, A67.3-A68.	0.5	0
110	Reply. Arthritis and Rheumatology, 2017, 69, 2404-2406.	2.9	0
111	THU0312â€Performance characteristics and predictors of temporal artery ultrasound and biopsy for the diagnosis of giant cell arteritis in a real world population; a prospective cohort study. , 2017, , .		0
112	SAT0021â€Human CD4 T cells and synovial fibroblasts cooperate to promote inflammation in the RA synovial joint. , 2017, , .		0
113	05.02â€Differentiating patient responses in rheumatoid arthritis – systems analysis of key molecular networks. , 2017, , .		0
114	THU0059 Oncostatin m induces inflammation and differentially regulates tnf alpha-induced pro-inflammatory mechanisms and notch signalling in the ra joint. , 2017, , .		0
115	04.21â€Oncostatin m induces inflammation, angiogenesis and notch signalling in the ra joints, and displays pleiotropic effects on tnfl±-induced pro-inflammatory effects. , 2017, , .		0
116	THU0011â€Immune signal 2 checkpoint molecule expression in rheumatoid arthritis disease progression. , 2017, , .		0
117	i098 Dysregulated bioenergetics: a key mechanism involved in joint inflammation. Rheumatology, 2018, 57, .	0.9	0
118	SAT0041â€GENOTYPE OF THE RHEUMATOID ARTHRITISSEVERITY LOCUS, RS26232, IS ASSOCIATED WITH INVASIVENESS OF RASFS IN VITRO. , 2019, , .		0
119	The role of dendritic cells in non-infectious anterior uveitis. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	Ο