Costantino Pitzalis

List of Publications by Year in descending order

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260 papers

15,437 citations

14655 66 h-index 23533 111 g-index

266 all docs 266 docs citations

times ranked

266

16834 citing authors

#	Article	IF	CITATIONS
1	Defining inflammatory cell states in rheumatoid arthritis joint synovial tissues by integrating single-cell transcriptomics and mass cytometry. Nature Immunology, 2019, 20, 928-942.	14.5	760
2	Ectopic lymphoid-like structures in infection, cancer and autoimmunity. Nature Reviews Immunology, 2014, 14, 447-462.	22.7	529
3	Lactate Regulates Metabolic and Pro-inflammatory Circuits in Control of T Cell Migration and Effector Functions. PLoS Biology, 2015, 13, e1002202.	5.6	489
4	Ectopic Lymphoid Structures Support Ongoing Production of Class-Switched Autoantibodies in Rheumatoid Synovium. PLoS Medicine, 2009, 6, e1.	8.4	443
5	Mesenchymal multipotency of adult human periosteal cells demonstrated by single-cell lineage analysis. Arthritis and Rheumatism, 2006, 54, 1209-1221.	6.7	377
6	Distinct synovial tissue macrophage subsets regulate inflammation and remission in rheumatoid arthritis. Nature Medicine, 2020, 26, 1295-1306.	30.7	304
7	Lactate Buildup at the Site of Chronic Inflammation Promotes Disease by Inducing CD4+ T Cell Metabolic Rewiring. Cell Metabolism, 2019, 30, 1055-1074.e8.	16.2	266
8	Neutrophil-derived microvesicles enter cartilage and protect the joint in inflammatory arthritis. Science Translational Medicine, 2015, 7, 315ra190.	12.4	256
9	Molecular Portraits of Early Rheumatoid Arthritis Identify Clinical and Treatment Response Phenotypes. Cell Reports, 2019, 28, 2455-2470.e5.	6.4	241
10	The preferential accumulation of helper-inducer T lymphocytes in inflammatory lesions: evidence for regulation by selective endothelial and homotypic adhesion. European Journal of Immunology, 1988, 18, 1397-1404.	2.9	237
11	Systematic microanatomical analysis of CXCL13 and CCL21in situ production and progressive lymphoid organization in rheumatoid synovitis. European Journal of Immunology, 2005, 35, 1347-1359.	2.9	232
12	Resolution of inflammation by interleukin-9-producing type 2 innate lymphoid cells. Nature Medicine, 2017, 23, 938-944.	30.7	223
13	Synovial cellular and molecular signatures stratify clinical response to csDMARD therapy and predict radiographic progression in early rheumatoid arthritis patients. Annals of the Rheumatic Diseases, 2019, 78, 761-772.	0.9	219
14	Overexpression of interleukinâ€23, but not interleukinâ€17, as an immunologic signature of subclinical intestinal inflammation in ankylosing spondylitis. Arthritis and Rheumatism, 2009, 60, 955-965.	6.7	215
15	Randomized Controlled Trial of Rituximab and Costâ€Effectiveness Analysis in Treating Fatigue and Oral Dryness in Primary Sjögren's Syndrome. Arthritis and Rheumatology, 2017, 69, 1440-1450.	5.6	194
16	Activation-Induced Cytidine Deaminase Expression in Follicular Dendritic Cell Networks and Interfollicular Large B Cells Supports Functionality of Ectopic Lymphoid Neogenesis in Autoimmune Sialoadenitis and MALT Lymphoma in Sjol^gren's Syndrome. Journal of Immunology, 2007, 179, 4929-4938.	0.8	193
17	New learnings on the pathophysiology of RA from synovial biopsies. Current Opinion in Rheumatology, 2013, 25, 334-344.	4.3	189
18	Identification of the molecular response of articular cartilage to injury, by microarray screening: Wntâ€16 expression and signaling after injury and in osteoarthritis. Arthritis and Rheumatism, 2008, 58, 1410-1421.	6.7	181

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19	Single cell cloning and recombinant monoclonal antibodies generation from RA synovial B cells reveal frequent targeting of citrullinated histones of NETs. Annals of the Rheumatic Diseases, 2016, 75, 1866-1875.	0.9	176
20	WNT-3A modulates articular chondrocyte phenotype by activating both canonical and noncanonical pathways. Journal of Cell Biology, 2011, 193, 551-564.	5.2	175
21	In vivo activated monocytes from the site of inflammation in humans specifically promote Th17 responses. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6232-6237.	7.1	174
22	IL-22 regulates lymphoid chemokine production and assembly of tertiary lymphoid organs. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11024-11029.	7.1	173
23	CXCL13, CCL21, and CXCL12 Expression in Salivary Glands of Patients with Sjolrgren's Syndrome and MALT Lymphoma: Association with Reactive and Malignant Areas of Lymphoid Organization. Journal of Immunology, 2008, 180, 5130-5140.	0.8	172
24	Abnormal distribution of the helper-inducer and suppressor-inducer T-lymphocyte subsets in the rheumatoid joint. Clinical Immunology and Immunopathology, 1987, 45, 252-258.	2.0	154
25	Ectopic lymphoid neogenesis in rheumatic autoimmune diseases. Nature Reviews Rheumatology, 2017, 13, 141-154.	8.0	146
26	Lactate at the crossroads of metabolism, inflammation, and autoimmunity. European Journal of Immunology, 2017, 47, 14-21.	2.9	145
27	Rituximab versus tocilizumab in anti-TNF inadequate responder patients with rheumatoid arthritis (R4RA): 16-week outcomes of a stratified, biopsy-driven, multicentre, open-label, phase 4 randomised controlled trial. Lancet, The, 2021, 397, 305-317.	13.7	145
28	Role of the IL-23/IL-17 Axis in Psoriasis and Psoriatic Arthritis: The Clinical Importance of Its Divergence in Skin and Joints. International Journal of Molecular Sciences, 2018, 19, 530.	4.1	142
29	Activation of WNT and BMP signaling in adult human articular cartilage following mechanical injury. Arthritis Research and Therapy, 2006, 8, R139.	3.5	139
30	Secondary and ectopic lymphoid tissue responses in rheumatoid arthritis: from inflammation to autoimmunity and tissue damage/remodeling. Immunological Reviews, 2010, 233, 267-285.	6.0	127
31	Efficacy and safety of olokizumab in patients with rheumatoid arthritis with an inadequate response to TNF inhibitor therapy: outcomes of a randomised Phase IIb study. Annals of the Rheumatic Diseases, 2014, 73, 1607-1615.	0.9	125
32	Regulation of Leukocyteâ€Endothelial Interactions by Glucocorticoids. Annals of the New York Academy of Sciences, 2002, 966, 108-118.	3.8	124
33	Mature antigenâ€experienced T helper cells synthesize and secrete the B cell chemoattractant CXCL13 in the inflammatory environment of the rheumatoid joint. Arthritis and Rheumatism, 2008, 58, 3377-3387.	6.7	124
34	Implication of Epsteinâ€Barr Virus Infection in Diseaseâ€Specific Autoreactive B Cell Activation in Ectopic Lymphoid Structures of Sjögren's Syndrome. Arthritis and Rheumatology, 2014, 66, 2545-2557.	5.6	122
35	Ectopic Lymphoid Structures: Powerhouse of Autoimmunity. Frontiers in Immunology, 2016, 7, 430.	4.8	121
36	A biomarkerâ€based mathematical model to predict boneâ€forming potency of human synovial and periosteal mesenchymal stem cells. Arthritis and Rheumatism, 2008, 58, 240-250.	6.7	116

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37	Cutaneous lymphocyte antigen-positive T lymphocytes preferentially migrate to the skin but not to the joint in psoriatic arthritis. Arthritis and Rheumatism, 1996, 39, 137-145.	6.7	114
38	WNT16 antagonises excessive canonical WNT activation and protects cartilage in osteoarthritis. Annals of the Rheumatic Diseases, 2017, 76, 218-226.	0.9	110
39	Increased circulating levels and salivary gland expression of interleukin-18 in patients with $Sj\tilde{A}$ gren's syndrome: relationship with autoantibody production and lymphoid organization of the periductal inflammatory infiltrate. Arthritis Research, 2004, 6, R447.	2.0	106
40	A BAFF/APRIL-dependent TLR3-stimulated pathway enhances the capacity of rheumatoid synovial fibroblasts to induce AID expression and Ig class-switching in B cells. Annals of the Rheumatic Diseases, 2011, 70, 1857-1865.	0.9	105
41	Rituximab versus tocilizumab in rheumatoid arthritis: synovial biopsy-based biomarker analysis of the phase 4 R4RA randomized trial. Nature Medicine, 2022, 28, 1256-1268.	30.7	105
42	Inducible Tertiary Lymphoid Structures, Autoimmunity, and Exocrine Dysfunction in a Novel Model of Salivary Gland Inflammation in C57BL/6 Mice. Journal of Immunology, 2012, 189, 3767-3776.	0.8	103
43	Selective migration of the human helper-inducer memory T cell subset: confirmation byin vivo cellular kinetic studies. European Journal of Immunology, 1991, 21, 369-376.	2.9	101
44	Evaluating antirheumatic treatments using synovial biopsy: a recommendation for standardisation to be used in clinical trials. Annals of the Rheumatic Diseases, 2011, 70, 423-427.	0.9	101
45	Epstein–Barr virus persistence and infection of autoreactive plasma cells in synovial lymphoid structures in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2013, 72, 1559-1568.	0.9	100
46	PATHOGENESIS OF RHEUMATOID ARTHRITIS. Rheumatic Disease Clinics of North America, 2001, 27, 317-334.	1.9	96
47	Tumour necrosis factor inhibition versus rituximab for patients with rheumatoid arthritis who require biological treatment (ORBIT): an open-label, randomised controlled, non-inferiority, trial. Lancet, The, 2016, 388, 239-247.	13.7	95
48	CCL21 Expression Pattern of Human Secondary Lymphoid Organ Stroma Is Conserved in Inflammatory Lesions with Lymphoid Neogenesis. American Journal of Pathology, 2007, 171, 1549-1562.	3.8	94
49	Involvement of subchondral bone marrow in rheumatoid arthritis: Lymphoid neogenesis and in situ relationship to subchondral bone marrow osteoclast recruitment. Arthritis and Rheumatism, 2005, 52, 3448-3459.	6.7	93
50	Methods for high-dimensional analysis of cells dissociated from cryopreserved synovial tissue. Arthritis Research and Therapy, 2018, 20, 139.	3.5	93
51	Acute Serum Amyloid A Induces Migration, Angiogenesis, and Inflammation in Synovial Cells In Vitro and in a Human Rheumatoid Arthritis/SCID Mouse Chimera Model. Journal of Immunology, 2010, 184, 6427-6437.	0.8	92
52	Interleukin-27 inhibits ectopic lymphoid-like structure development in early inflammatory arthritis. Journal of Experimental Medicine, 2015, 212, 1793-1802.	8.5	88
53	Health-related utility values of patients with primary Sj \tilde{A} gren's syndrome and its predictors. Annals of the Rheumatic Diseases, 2014, 73, 1362-1368.	0.9	87
54	Effect of rituximab on a salivary gland ultrasound score in primary Sjögren's syndrome: results of the TRACTISS randomised double-blind multicentre substudy. Annals of the Rheumatic Diseases, 2018, 77, 412-416.	0.9	86

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55	Synovial T lymphocyte–specific immune response toChlamydia trachomatis in Reiter's disease. Arthritis and Rheumatism, 1991, 34, 588-598.	6.7	85
56	Hepatocyte Growth Factor Receptor c-Met Instructs T Cell Cardiotropism and Promotes T Cell Migration to the Heart via Autocrine Chemokine Release. Immunity, 2015, 42, 1087-1099.	14.3	85
57	Synovial tissue signatures enhance clinical classification and prognostic/treatment response algorithms in early inflammatory arthritis and predict requirement for subsequent biological therapy: results from the pathobiology of early arthritis cohort (PEAC). Annals of the Rheumatic Diseases. 2019. 78. 1642-1652.	0.9	85
58	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.	3.5	83
59	Unique expansion of IL-21+ Tfh and Tph cells under control of ICOS identifies Sjögren's syndrome with ectopic germinal centres and MALT lymphoma. Annals of the Rheumatic Diseases, 2020, 79, 1588-1599.	0.9	83
60	Immune checkpoint inhibitor PD-1 pathway is down-regulated in synovium at various stages of rheumatoid arthritis disease progression. PLoS ONE, 2018, 13, e0192704.	2.5	82
61	Neutrophil Microvesicles from Healthy Control and Rheumatoid Arthritis Patients Prevent the Inflammatory Activation of Macrophages. EBioMedicine, 2018, 29, 60-69.	6.1	81
62	Role of lymphoid chemokines in the development of functional ectopic lymphoid structures in rheumatic autoimmune diseases. Immunology Letters, 2012, 145, 62-67.	2.5	79
63	Fatigue in primary Sjögren's syndrome is associated with lower levels of proinflammatory cytokines. RMD Open, 2016, 2, e000282.	3.8	77
64	Role of CD30+ T cells in rheumatoid arthritis: a counter-regulatory paradigm for Th1-driven diseases. Trends in Immunology, 2001, 22, 72-77.	6.8	76
65	Symptom-based stratification of patients with primary Sjögren's syndrome: multi-dimensional characterisation of international observational cohorts and reanalyses of randomised clinical trials. Lancet Rheumatology, The, 2019, 1, e85-e94.	3.9	76
66	Novel insights into macrophage diversity in rheumatoid arthritis synovium. Autoimmunity Reviews, 2021, 20, 102758.	5.8	76
67	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cell–mediated resistance to metastasis. Nature Immunology, 2019, 20, 1012-1022.	14.5	75
68	CD40L-Dependent Pathway Is Active at Various Stages of Rheumatoid Arthritis Disease Progression. Journal of Immunology, 2017, 198, 4490-4501.	0.8	73
69	CD30+ T Cells in Rheumatoid Synovitis: Mechanisms of Recruitment and Functional Role. Journal of Immunology, 2000, 164, 4399-4407.	0.8	71
70	M3C: Monte Carlo reference-based consensus clustering. Scientific Reports, 2020, 10, 1816.	3.3	71
71	Evolution of Ectopic Lymphoid Neogenesis and In Situ Autoantibody Production in Autoimmune Nonobese Diabetic Mice: Cellular and Molecular Characterization of Tertiary Lymphoid Structures in Pancreatic Islets. Journal of Immunology, 2010, 185, 3359-3368.	0.8	70
72	Percentage of anti-CD4 monoclonal antibody-coated lymphocytes in the rheumatoid joint is associated with clinical improvement. Implications for the development of immunotherapeutic dosing regimens. Arthritis and Rheumatism, 1996, 39, 52-56.	6.7	67

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73	Identification of synovium-specific homing peptides by in vivo phage display selection. Arthritis and Rheumatism, 2002, 46, 2109-2120.	6.7	67
74	The impact of endogenous annexin A1 on glucocorticoid control of inflammatory arthritis. Annals of the Rheumatic Diseases, 2012, 71, 1872-1880.	0.9	67
75	Follicular dendritic cells in health and disease. Frontiers in Immunology, 2012, 3, 292.	4.8	65
76	Immunohistological assessment of the synovial tissue in small joints in rheumatoid arthritis: validation of a minimally invasive ultrasound-guided synovial biopsy procedure. Arthritis Research and Therapy, 2007, 9, R101.	3.5	63
77	High expression levels of the B cell chemoattractant CXCL13 in rheumatoid synovium are a marker of severe disease. Rheumatology, 2014, 53, 1886-1895.	1.9	63
78	A homeostatic function of CXCR2 signalling in articular cartilage. Annals of the Rheumatic Diseases, 2015, 74, 2207-2215.	0.9	62
79	Anti-TNF-alpha agents and endothelial function in rheumatoid arthritis: a systematic review and meta-analysis. Scientific Reports, 2017, 7, 5346.	3.3	62
80	IL-36, IL-37, and IL-38 Cytokines in Skin and Joint Inflammation: A Comprehensive Review of Their Therapeutic Potential. International Journal of Molecular Sciences, 2019, 20, 1257.	4.1	61
81	Metformin to reduce metabolic complications and inflammation in patients on systemic glucocorticoid therapy: a randomised, double-blind, placebo-controlled, proof-of-concept, phase 2 trial. Lancet Diabetes and Endocrinology,the, 2020, 8, 278-291.	11.4	60
82	Resistance to Rituximab Therapy and Local BAFF Overexpression in Sjogren's Syndrome-Related Myoepithelial Sialadenitis and Low-Grade Parotid B-Cell Lymphoma. Open Rheumatology Journal, 2008, 2, 38-43.	0.2	60
83	Markedly increased IL-18 liver expression in adult-onset Still's disease-related hepatitis. Rheumatology, 2011, 50, 776-780.	1.9	58
84	Trojan horses and guided missiles: targeted therapies in the war on arthritis. Nature Reviews Rheumatology, 2015, 11, 328-337.	8.0	58
85	Junctional Adhesion Molecule-C Mediates Leukocyte Infiltration in Response to Ischemia Reperfusion Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1509-1515.	2.4	57
86	Autonomic symptoms are common and are associated with overall symptom burden and disease activity in primary Sjögren's syndrome. Annals of the Rheumatic Diseases, 2012, 71, 1973-1979.	0.9	57
87	Spectrum: fast density-aware spectral clustering for single and multi-omic data. Bioinformatics, 2020, 36, 1159-1166.	4.1	57
88	Transforming clinical trials in rheumatology: towards patient-centric precision medicine. Nature Reviews Rheumatology, 2020, 16, 590-599.	8.0	56
89	A Pauci-Immune Synovial Pathotype Predicts Inadequate Response to TNFÎ \pm -Blockade in Rheumatoid Arthritis Patients. Frontiers in Immunology, 2020, $11,845$.	4.8	55
90	Mast cells in rheumatoid arthritis: friends or foes?. Autoimmunity Reviews, 2017, 16, 557-563.	5.8	52

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91	Mast cells in early rheumatoid arthritis associate with disease severity and support B cell autoantibody production. Annals of the Rheumatic Diseases, 2018, 77, 1773-1781.	0.9	52
92	Blood pro-resolving mediators are linked with synovial pathology andÂare predictive of DMARD responsiveness in rheumatoid arthritis. Nature Communications, 2020, 11, 5420.	12.8	51
93	Isoform-selective induction of human p110δPI3K expression by TNFα: identification of a new and inducible <i>PIK3CD</i> promoter. Biochemical Journal, 2012, 443, 857-867.	3.7	50
94	Ability of Interleukinâ€33– and Immune Complex–Triggered Activation of Human Mast Cells to Downâ€Regulate Monocyteâ€Mediated Immune Responses. Arthritis and Rheumatology, 2015, 67, 2343-2353.	5.6	50
95	Stromal Cell-Derived Factor 1 (CXCL12) Induces Human Cell Migration into Human Lymph Nodes Transplanted into SCID Mice. Journal of Immunology, 2002, 168, 4308-4317.	0.8	48
96	Inflammatory cytokines shape a changing DNA methylome in monocytes mirroring disease activity in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2019, 78, 1505-1516.	0.9	47
97	$TSG \widehat{=} 6$ inhibits osteoclast activity via an autocrine mechanism and is functionally synergistic with osteoprotegerin. Arthritis and Rheumatism, 2011, 63, 1034-1043.	6.7	46
98	Agrin mediates chondrocyte homeostasis and requires both LRP4 and \hat{l}_{\pm} -dystroglycan to enhance cartilage formation in vitro and in vivo. Annals of the Rheumatic Diseases, 2016, 75, 1228-1235.	0.9	46
99	Anti-inflammatory and antiosteoclastogenesis properties of endogenous melanocortin receptor type 3 in experimental arthritis. FASEB Journal, 2010, 24, 4835-4843.	0.5	45
100	Ectopic Lymphoid Neogenesis and Lymphoid Chemokines in Sjogren's Syndrome: At the Interplay between Chronic Inflammation, Autoimmunity and Lymphomagenesis. Current Pharmaceutical Biotechnology, 2012, 13, 1989-1996.	1.6	45
101	A Transcriptional Signature of Fatigue Derived from Patients with Primary Sjögren's Syndrome. PLoS ONE, 2015, 10, e0143970.	2.5	45
102	Transcriptional Profiling of Synovial Macrophages Using Minimally Invasive Ultrasoundâ€Guided Synovial Biopsies in Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 841-854.	5.6	44
103	Inflammatory arthritis disrupts gut resolution mechanisms, promoting barrier breakdown by Porphyromonas gingivalis. JCI Insight, 2019, 4, .	5.0	44
104	Over-expression of paneth cell-derived anti-microbial peptides in the gut of patients with ankylosing spondylitis and subclinical intestinal inflammation. Rheumatology, 2010, 49, 2076-2083.	1.9	43
105	The TRACTISS Protocol: a randomised double blind placebo controlled clinical TRial of Anti-B-Cell Therapy In patients with primary Sjögren's Syndrome. BMC Musculoskeletal Disorders, 2014, 15, 21.	1.9	43
106	Synoviocyte-targeted therapy synergizes with TNF inhibition in arthritis reversal. Science Advances, 2020, 6, eaba4353.	10.3	43
107	Ultrasound of the salivary glands is a strong predictor of labial gland biopsy histopathology in patients with sicca symptoms. Journal of Oral Pathology and Medicine, 2016, 45, 450-454.	2.7	42
108	Genome-wide association study of response to methotrexate in early rheumatoid arthritis patients. Pharmacogenomics Journal, 2018, 18, 528-538.	2.0	42

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109	Genome-wide association study of response to tumour necrosis factor inhibitor therapy in rheumatoid arthritis. Pharmacogenomics Journal, 2018, 18, 657-664.	2.0	41
110	Role of chemokines in ectopic lymphoid structures formation in autoimmunity and cancer. Journal of Leukocyte Biology, 2018, 104, 333-341.	3.3	41
111	Redox-Mediated Mechanisms Fuel Monocyte Responses to CXCL12/HMGB1 in Active Rheumatoid Arthritis. Frontiers in Immunology, 2018, 9, 2118.	4.8	40
112	Treatment of experimental arthritis by targeting synovial endothelium with a neutralizing recombinant antibody to C5. Arthritis and Rheumatism, 2012, 64, 2559-2567.	6.7	39
113	Use of Ultrasoundâ€Guided Small Joint Biopsy to Evaluate the Histopathologic Response to Rheumatoid Arthritis Therapy: Recommendations for Application to Clinical Trials. Arthritis and Rheumatology, 2015, 67, 2601-2610.	5.6	39
114	Higher expression of $TNF\hat{l}\pm$ -induced genes in the synovium of patients with early rheumatoid arthritis correlates with disease activity, and predicts absence of response to first line therapy. Arthritis Research and Therapy, 2016, 18, 19.	3.5	39
115	Validity of a two-component imaging-derived disease activity score for improved assessment of synovitis in early rheumatoid arthritis. Rheumatology, 2019, 58, 1400-1409.	1.9	39
116	Synovial Tissue Heterogeneity and Peripheral Blood Biomarkers. Current Rheumatology Reports, 2011, 13, 440-448.	4.7	38
117	The growing role of precision medicine for the treatment of autoimmune diseases; results of a systematic review of literature and Experts' Consensus. Autoimmunity Reviews, 2021, 20, 102738.	5 . 8	38
118	Annexin 1 Modulates Monocyte-Endothelial Cell Interaction In Vitro and Cell Migration In Vivo in the Human SCID Mouse Transplantation Model. Journal of Immunology, 2002, 169, 2085-2092.	0.8	37
119	Extracellular traps and PAD4 released by macrophages induce citrullination and auto-antibody production in autoimmune arthritis. Journal of Autoimmunity, 2019, 105, 102297.	6.5	37
120	The role of substance P in microvascular responses in murine joint inflammation. British Journal of Pharmacology, 2005, 144, 1059-1066.	5.4	36
121	Targeting the stromal microenvironment in chronic inflammation. Current Opinion in Pharmacology, 2006, 6, 393-400.	3 . 5	36
122	Towards a Stratified Targeted Approach with Biologic Treatments in Rheumatoid Arthritis: Role of Synovial Pathobiology. Current Pharmaceutical Design, 2015, 21, 2216-2224.	1.9	36
123	Targeted delivery of cytokine therapy to rheumatoid tissue by a synovial targeting peptide. Annals of the Rheumatic Diseases, 2013, 72, 129-135.	0.9	34
124	Angiogenic gene expression and vascular density are reflected in ultrasonographic features of synovitis in early rheumatoid arthritis: an observational study. Arthritis Research and Therapy, 2015, 17, 58.	3.5	34
125	Interleukin-36 family dysregulation drives joint inflammation and therapy response in psoriatic arthritis. Rheumatology, 2020, 59, 828-838.	1.9	34
126	ROR2 blockade as a therapy for osteoarthritis. Science Translational Medicine, 2020, 12, .	12.4	34

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127	Synovial Tissue Analysis for the Discovery of Diagnostic and Prognostic Biomarkers in Patients with Early Arthritis: Table 1 Journal of Rheumatology, 2011, 38, 2068-2072.	2.0	33
128	Targeting CD34+ cells of the inflamed synovial endothelium by guided nanoparticles for the treatment of rheumatoid arthritis. Journal of Autoimmunity, 2019, 103, 102288.	6.5	33
129	PTPN14 phosphatase and YAP promote $TGF\hat{l}^2$ signalling in rheumatoid synoviocytes. Annals of the Rheumatic Diseases, 2019, 78, 600-609.	0.9	33
130	B Cell Synovitis and Clinical Phenotypes in Rheumatoid Arthritis: Relationship to Disease Stages and Drug Exposure. Arthritis and Rheumatology, 2020, 72, 714-725.	5.6	33
131	Accumulation of Self-Reactive NaÃ⁻ve and Memory B Cell Reveals Sequential Defects in B Cell Tolerance Checkpoints in Sjögren's Syndrome. PLoS ONE, 2014, 9, e114575.	2.5	33
132	Interleukin-18 as a potential therapeutic target in chronic autoimmune/inflammatory conditions. Expert Opinion on Biological Therapy, 2007, 7, 31-40.	3.1	32
133	ADAM10-Mediated ICOS Ligand Shedding on B Cells Is Necessary for Proper T Cell ICOS Regulation and T Follicular Helper Responses. Journal of Immunology, 2017, 199, 2305-2315.	0.8	32
134	A Multicenter Retrospective Analysis Evaluating Performance of Synovial Biopsy Techniques in Patients With Inflammatory Arthritis. Arthritis and Rheumatology, 2018, 70, 702-710.	5.6	32
135	Activation of $na\tilde{A}^-$ ve CD4+ T cells re-tunes STAT1 signaling to deliver unique cytokine responses in memory CD4+ T cells. Nature Immunology, 2019, 20, 458-470.	14.5	32
136	PD-L1 signaling on human memory CD4+ T cells induces a regulatory phenotype. PLoS Biology, 2021, 19, e3001199.	5.6	32
137	Patient-reported outcomes and safety in patients undergoing synovial biopsy: comparison of ultrasound-guided needle biopsy, ultrasound-guided portal and forceps and arthroscopic-guided synovial biopsy techniques in five centres across Europe. RMD Open, 2018, 4, e000799.	3.8	31
138	B cells in the formation of tertiary lymphoid organs in autoimmunity, transplantation and tumorigenesis. Current Opinion in Immunology, 2019, 57, 46-52.	5.5	31
139	Curbing Inflammation through Endogenous Pathways: Focus on Melanocortin Peptides. International Journal of Inflammation, 2013, 2013, 1-10.	1.5	30
140	EBV and other viruses as triggers of tertiary lymphoid structures in primary Sjögren's syndrome. Expert Review of Clinical Immunology, 2014, 10, 445-455.	3.0	30
141	Evaluation of Minimally Invasive, Ultrasound-guided Synovial Biopsy Techniques by the OMERACT Filter — Determining Validation Requirements. Journal of Rheumatology, 2016, 43, 208-213.	2.0	30
142	Agrin induces long-term osteochondral regeneration by supporting repair morphogenesis. Science Translational Medicine, 2020, 12, .	12.4	30
143	Modulation of cellular annexin I in human leukocytes infiltrating DTH skin reactions. Journal of Leukocyte Biology, 1999, 65, 583-589.	3.3	28
144	Targeting the inflamed synovium: The quest for specificity. Arthritis and Rheumatism, 2006, 54, 1055-1060.	6.7	28

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145	Lymphoid tissue reactions in rheumatoid arthritis. Autoimmunity Reviews, 2007, 7, 30-34.	5.8	28
146	Isolating ligands specific for human vasculature using in vivo phage selection. Trends in Biotechnology, 2003, 21, 199-203.	9.3	25
147	Association of response to TNF inhibitors in rheumatoid arthritis with quantitative trait loci for <i>CD40</i> and CD39. Annals of the Rheumatic Diseases, 2019, 78, 1055-1061.	0.9	25
148	Mast Cells in Early Rheumatoid Arthritis. International Journal of Molecular Sciences, 2019, 20, 2040.	4.1	24
149	IL-23 skin and joint profiling in psoriatic arthritis: novel perspectives in understanding clinical responses to IL-23 inhibitors. Annals of the Rheumatic Diseases, 2021, 80, 591-597.	0.9	24
150	WNT3Aâ€loaded exosomes enable cartilage repair. Journal of Extracellular Vesicles, 2021, 10, e12088.	12.2	24
151	Laminar Shear Stress Regulates Endothelial Kinin B1 Receptor Expression and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1757-1763.	2.4	23
152	Role of synovial fibroblast subsets across synovial pathotypes in rheumatoid arthritis: a deconvolution analysis. RMD Open, 2022, 8, e001949.	3.8	23
153	Do the EULAR Sjogren's syndrome outcome measures correlate with health status in primary Sjogren's syndrome?. Rheumatology, 2015, 54, 655-659.	1.9	22
154	Improved monitoring of clinical response in Systemic Lupus Erythematosus by longitudinal trend in soluble vascular cell adhesion molecule-1. Arthritis Research and Therapy, 2016, 18, 5.	3.5	22
155	Stratified medicine in rheumatoid arthritisâ€"the MATURA programme. Rheumatology, 2017, 56, 1247-1250.	1.9	22
156	Galectinâ€9 mediates neutrophil capture and adhesion in a CD44 and β2 integrinâ€dependent manner. FASEB Journal, 2022, 36, e22065.	0.5	22
157	New Insights into the Role of Tyro3, Axl, and Mer Receptors in Rheumatoid Arthritis. Disease Markers, 2020, 2020, 1-9.	1.3	21
158	Atorvastatin Fails to Prevent the Development of Autoimmune Diabetes Despite Inhibition of Pathogenic Â-Cell-Specific CD8 T-Cells. Diabetes, 2006, 55, 1004-1010.	0.6	20
159	Basic Synovial Biology and Immunopathology in Psoriatic Arthritis. Journal of rheumatology Supplement, The, 2009, 83, 14-16.	2.2	20
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