

Costantino Pitzalis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7815924/costantino-pitzalis-publications-by-citations.pdf>

Version: 2024-04-26

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.

239
papers

10,712
citations

58
h-index

95
g-index

266
ext. papers

13,411
ext. citations

7.1
avg, IF

6.19
L-index

#	Paper	IF	Citations
239	Ectopic lymphoid-like structures in infection, cancer and autoimmunity. <i>Nature Reviews Immunology</i> , 2014 , 14, 447-62	36.5	393
238	Defining inflammatory cell states in rheumatoid arthritis joint synovial tissues by integrating single-cell transcriptomics and mass cytometry. <i>Nature Immunology</i> , 2019 , 20, 928-942	19.1	369
237	Ectopic lymphoid structures support ongoing production of class-switched autoantibodies in rheumatoid synovium. <i>PLoS Medicine</i> , 2009 , 6, e1	11.6	364
236	Mesenchymal multipotency of adult human periosteal cells demonstrated by single-cell lineage analysis. <i>Arthritis and Rheumatism</i> , 2006 , 54, 1209-21		320
235	Lactate Regulates Metabolic and Pro-inflammatory Circuits in Control of T Cell Migration and Effector Functions. <i>PLoS Biology</i> , 2015 , 13, e1002202	9.7	312
234	The preferential accumulation of helper-inducer T lymphocytes in inflammatory lesions: evidence for regulation by selective endothelial and homotypic adhesion. <i>European Journal of Immunology</i> , 1988 , 18, 1397-404	6.1	222
233	Systematic microanatomical analysis of CXCL13 and CCL21 in situ production and progressive lymphoid organization in rheumatoid synovitis. <i>European Journal of Immunology</i> , 2005 , 35, 1347-59	6.1	202
232	Overexpression of interleukin-23, but not interleukin-17, as an immunologic signature of subclinical intestinal inflammation in ankylosing spondylitis. <i>Arthritis and Rheumatism</i> , 2009 , 60, 955-65		179
231	Neutrophil-derived microvesicles enter cartilage and protect the joint in inflammatory arthritis. <i>Science Translational Medicine</i> , 2015 , 7, 315ra190	17.5	176
230	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 Sjögren's syndrome. <i>Journal of Immunology</i> , 2007 , 179, 4929-38	5.3	165
229	Resolution of inflammation by interleukin-9-producing type 2 innate lymphoid cells. <i>Nature Medicine</i> , 2017 , 23, 938-944	50.5	163
228	Identification of the molecular response of articular cartilage to injury, by microarray screening: Wnt-16 expression and signaling after injury and in osteoarthritis. <i>Arthritis and Rheumatism</i> , 2008 , 58, 1410-21		156
227	In vivo activated monocytes from the site of inflammation in humans specifically promote Th17 responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 6232-7	11.5	154
226	WNT-3A modulates articular chondrocyte phenotype by activating both canonical and noncanonical pathways. <i>Journal of Cell Biology</i> , 2011 , 193, 551-64	7.3	146
225	Abnormal distribution of the helper-inducer and suppressor-inducer T-lymphocyte subsets in the rheumatoid joint. <i>Clinical Immunology and Immunopathology</i> , 1987 , 45, 252-8		144
224	New learnings on the pathophysiology of RA from synovial biopsies. <i>Current Opinion in Rheumatology</i> , 2013 , 25, 334-44	5.3	140
223	IL-22 regulates lymphoid chemokine production and assembly of tertiary lymphoid organs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11024-9	11.5	138

222	CXCL13, CCL21, and CXCL12 expression in salivary glands of patients with Sjogren's syndrome and MALT lymphoma: association with reactive and malignant areas of lymphoid organization. <i>Journal of Immunology</i> , 2008 , 180, 5130-40	5.3	135
221	Randomized Controlled Trial of Rituximab and Cost-Effectiveness Analysis in Treating Fatigue and Oral Dryness in Primary Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2017 , 69, 1440-1450	9.5	122
220	Lactate Buildup at the Site of Chronic Inflammation Promotes Disease by Inducing CD4 T Cell Metabolic Rewiring. <i>Cell Metabolism</i> , 2019 , 30, 1055-1074.e8	24.6	122
219	Distinct synovial tissue macrophage subsets regulate inflammation and remission in rheumatoid arthritis. <i>Nature Medicine</i> , 2020 , 26, 1295-1306	50.5	115
218	Single cell cloning and recombinant monoclonal antibodies generation from RA synovial B cells reveal frequent targeting of citrullinated histones of NETs. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1866-75	2.4	115
217	Activation of WNT and BMP signaling in adult human articular cartilage following mechanical injury. <i>Arthritis Research and Therapy</i> , 2006 , 8, R139	5.7	113
216	Regulation of leukocyte-endothelial interactions by glucocorticoids. <i>Annals of the New York Academy of Sciences</i> , 2002 , 966, 108-18	6.5	112
215	A biomarker-based mathematical model to predict bone-forming potency of human synovial and periosteal mesenchymal stem cells. <i>Arthritis and Rheumatism</i> , 2008 , 58, 240-50		103
214	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. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1607-15	2.4	102
213	Molecular Portraits of Early Rheumatoid Arthritis Identify Clinical and Treatment Response Phenotypes. <i>Cell Reports</i> , 2019 , 28, 2455-2470.e5	10.6	100
212	Ectopic lymphoid neogenesis in rheumatic autoimmune diseases. <i>Nature Reviews Rheumatology</i> , 2017 , 13, 141-154	8.1	96
211	Synovial cellular and molecular signatures stratify clinical response to csDMARD therapy and predict radiographic progression in early rheumatoid arthritis patients. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 761-772	2.4	96
210	Mature antigen-experienced T helper cells synthesize and secrete the B cell chemoattractant CXCL13 in the inflammatory environment of the rheumatoid joint. <i>Arthritis and Rheumatism</i> , 2008 , 58, 3377-87		96
209	Cutaneous lymphocyte antigen-positive T lymphocytes preferentially migrate to the skin but not to the joint in psoriatic arthritis. <i>Arthritis and Rheumatism</i> , 1996 , 39, 137-45		96
208	Secondary and ectopic lymphoid tissue responses in rheumatoid arthritis: from inflammation to autoimmunity and tissue damage/remodeling. <i>Immunological Reviews</i> , 2010 , 233, 267-85	11.3	95
207	Role of the IL-23/IL-17 Axis in Psoriasis and Psoriatic Arthritis: The Clinical Importance of Its Divergence in Skin and Joints. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	94
206	Selective migration of the human helper-inducer memory T cell subset: confirmation by in vivo cellular kinetic studies. <i>European Journal of Immunology</i> , 1991 , 21, 369-76	6.1	94
205	Increased circulating levels and salivary gland expression of interleukin-18 in patients with Sjögren's syndrome: relationship with autoantibody production and lymphoid organization of the periductal inflammatory infiltrate. <i>Arthritis Research</i> , 2004 , 6, R447-56		93

204	Evaluating antirheumatic treatments using synovial biopsy: a recommendation for standardisation to be used in clinical trials. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 423-7	2.4	91
203	Implication of Epstein-Barr virus infection in disease-specific autoreactive B cell activation in ectopic lymphoid structures of Sjögren's syndrome. <i>Arthritis and Rheumatology</i> , 2014 , 66, 2545-57	9.5	90
202	Ectopic Lymphoid Structures: Powerhouse of Autoimmunity. <i>Frontiers in Immunology</i> , 2016 , 7, 430	8.4	89
201	Lactate at the crossroads of metabolism, inflammation, and autoimmunity. <i>European Journal of Immunology</i> , 2017 , 47, 14-21	6.1	88
200	Inducible tertiary lymphoid structures, autoimmunity, and exocrine dysfunction in a novel model of salivary gland inflammation in C57BL/6 mice. <i>Journal of Immunology</i> , 2012 , 189, 3767-76	5.3	87
199	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. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1857-65	2.4	84
198	Involvement of subchondral bone marrow in rheumatoid arthritis: lymphoid neogenesis and in situ relationship to subchondral bone marrow osteoclast recruitment. <i>Arthritis and Rheumatism</i> , 2005 , 52, 3448-59		83
197	Acute serum amyloid A induces migration, angiogenesis, and inflammation in synovial cells in vitro and in a human rheumatoid arthritis/SCID mouse chimera model. <i>Journal of Immunology</i> , 2010 , 184, 6427-37	5.3	82
196	Generation and characterisation of Porphyromonas gingivalis mutant lacking peptidylarginine deiminase activity. <i>Journal of Oral Microbiology</i> , 2017 , 9, 1325258	6.3	78
195	Pathogenesis of rheumatoid arthritis. The role of T cells and other beasts. <i>Rheumatic Disease Clinics of North America</i> , 2001 , 27, 317-34	2.4	78
194	Interleukin-27 inhibits ectopic lymphoid-like structure development in early inflammatory arthritis. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1793-802	16.6	76
193	Epstein-Barr virus persistence and infection of autoreactive plasma cells in synovial lymphoid structures in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1559-68	2.4	76
192	CCL21 expression pattern of human secondary lymphoid organ stroma is conserved in inflammatory lesions with lymphoid neogenesis. <i>American Journal of Pathology</i> , 2007 , 171, 1549-62	5.8	76
191	Tumour necrosis factor inhibition versus rituximab for patients with rheumatoid arthritis who require biological treatment (ORBIT): an open-label, randomised controlled, non-inferiority, trial. <i>Lancet, The</i> , 2016 , 388, 239-47	40	76
190	Synovial T lymphocyte-specific immune response to Chlamydia trachomatis in Reiter's disease. <i>Arthritis and Rheumatism</i> , 1991 , 34, 588-98		70
189	Role of lymphoid chemokines in the development of functional ectopic lymphoid structures in rheumatic autoimmune diseases. <i>Immunology Letters</i> , 2012 , 145, 62-7	4.1	68
188	WNT16 antagonises excessive canonical WNT activation and protects cartilage in osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 218-226	2.4	67
187	Role of CD30+ T cells in rheumatoid arthritis: a counter-regulatory paradigm for Th1-driven diseases. <i>Trends in Immunology</i> , 2001 , 22, 72-7	14.4	64

186	Hepatocyte Growth Factor Receptor c-Met Instructs T Cell Cardiotropism and Promotes T Cell Migration to the Heart via Autocrine Chemokine Release. <i>Immunity</i> , 2015 , 42, 1087-99	32.3	63
185	Health-related utility values of patients with primary Sjögren's syndrome and its predictors. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, 1362-8	2.4	63
184	Methods for high-dimensional analysis of cells dissociated from cryopreserved synovial tissue. <i>Arthritis Research and Therapy</i> , 2018 , 20, 139	5.7	60
183	The impact of endogenous annexin A1 on glucocorticoid control of inflammatory arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 1872-80	2.4	59
182	Identification of synovium-specific homing peptides by in vivo phage display selection. <i>Arthritis and Rheumatism</i> , 2002 , 46, 2109-20		58
181	Immune checkpoint inhibitor PD-1 pathway is down-regulated in synovium at various stages of rheumatoid arthritis disease progression. <i>PLoS ONE</i> , 2018 , 13, e0192704	3.7	57
180	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. <i>Journal of Immunology</i> , 2010 , 185, 3359-68	5.3	57
179	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. <i>Arthritis and Rheumatism</i> , 1996 , 39, 52-6		57
178	Follicular dendritic cells in health and disease. <i>Frontiers in Immunology</i> , 2012 , 3, 292	8.4	54
177	Resistance to rituximab therapy and local BAFF overexpression in Sjögren's syndrome-related myoepithelial sialadenitis and low-grade parotid B-cell lymphoma. <i>Open Rheumatology Journal</i> , 2008 , 2, 38-43	0.2	54
176	Effect of rituximab on a salivary gland ultrasound score in primary Sjögren's syndrome: results of the TRACTISS randomised double-blind multicentre substudy. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 412-416	2.4	53
175	CD30+ T cells in rheumatoid synovitis: mechanisms of recruitment and functional role. <i>Journal of Immunology</i> , 2000 , 164, 4399-407	5.3	52
174	Trojan horses and guided missiles: targeted therapies in the war on arthritis. <i>Nature Reviews Rheumatology</i> , 2015 , 11, 328-37	8.1	51
173	Neutrophil Microvesicles from Healthy Control and Rheumatoid Arthritis Patients Prevent the Inflammatory Activation of Macrophages. <i>EBioMedicine</i> , 2018 , 29, 60-69	8.8	51
172	Anti-TNF-alpha agents and endothelial function in rheumatoid arthritis: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 5346	4.9	51
171	Immunohistological assessment of the synovial tissue in small joints in rheumatoid arthritis: validation of a minimally invasive ultrasound-guided synovial biopsy procedure. <i>Arthritis Research and Therapy</i> , 2007 , 9, R101	5.7	51
170	Integrative analysis reveals CD38 as a therapeutic target for plasma cell-rich pre-disease and established rheumatoid arthritis and systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2018 , 20, 85	5.7	50
169	Junctional adhesion molecule-C mediates leukocyte infiltration in response to ischemia reperfusion injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1509-15	9.4	49

168	High expression levels of the B cell chemoattractant CXCL13 in rheumatoid synovium are a marker of severe disease. <i>Rheumatology</i> , 2014 , 53, 1886-95	3.9	48
167	Markedly increased IL-18 liver expression in adult-onset Still's disease-related hepatitis. <i>Rheumatology</i> , 2011 , 50, 776-80	3.9	47
166	CD40L-Dependent Pathway Is Active at Various Stages of Rheumatoid Arthritis Disease Progression. <i>Journal of Immunology</i> , 2017 , 198, 4490-4501	5.3	46
165	A homeostatic function of CXCR2 signalling in articular cartilage. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 2207-15	2.4	46
164	Autonomic symptoms are common and are associated with overall symptom burden and disease activity in primary Sjogren's syndrome. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, 1973-9	2.4	46
163	Fatigue in primary Sjögren's syndrome is associated with lower levels of proinflammatory cytokines. <i>RMD Open</i> , 2016 , 2, e000282	5.9	46
162	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cell-mediated resistance to metastasis. <i>Nature Immunology</i> , 2019 , 20, 1012-1022	19.1	45
161	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). <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1642-1652	2.4	43
160	Anti-inflammatory and antiosteoclastogenesis properties of endogenous melanocortin receptor type 3 in experimental arthritis. <i>FASEB Journal</i> , 2010 , 24, 4835-43	0.9	42
159	Stromal cell-derived factor 1 (CXCL12) induces human cell migration into human lymph nodes transplanted into SCID mice. <i>Journal of Immunology</i> , 2002 , 168, 4308-17	5.3	42
158	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. <i>Lancet, The</i> , 2021 , 397, 305-317	4.0	42
157	Ability of Interleukin-33- and Immune Complex-Triggered Activation of Human Mast Cells to Down-Regulate Monocyte-Mediated Immune Responses. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2343-53	9.5	39
156	Over-expression of paneth cell-derived anti-microbial peptides in the gut of patients with ankylosing spondylitis and subclinical intestinal inflammation. <i>Rheumatology</i> , 2010 , 49, 2076-83	3.9	39
155	Mast cells in rheumatoid arthritis: friends or foes?. <i>Autoimmunity Reviews</i> , 2017 , 16, 557-563	13.6	38
154	Symptom-based stratification of patients with primary Sjögren's syndrome: multi-dimensional characterisation of international observational cohorts and reanalyses of randomised clinical trials. <i>Lancet Rheumatology, The</i> , 2019 , 1, e85-e94	14.2	38
153	Mast cells in early rheumatoid arthritis associate with disease severity and support B cell autoantibody production. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1773-1781	2.4	38
152	TSG-6 inhibits osteoclast activity via an autocrine mechanism and is functionally synergistic with osteoprotegerin. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1034-43		38
151	Unique expansion of IL-21+ Tfh and Tph cells under control of ICOS identifies Sjögren's syndrome with ectopic germinal centres and MALT lymphoma. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 1588-1594		38

150	Treatment of experimental arthritis by targeting synovial endothelium with a neutralizing recombinant antibody to C5. <i>Arthritis and Rheumatism</i> , 2012 , 64, 2559-67		37
149	Ectopic lymphoid neogenesis and lymphoid chemokines in Sjogren's syndrome: at the interplay between chronic inflammation, autoimmunity and lymphomagenesis. <i>Current Pharmaceutical Biotechnology</i> , 2012 , 13, 1989-96	2.6	37
148	Isoform-selective induction of human p110 α PI3K expression by TNF α identification of a new and inducible PIK3CD promoter. <i>Biochemical Journal</i> , 2012 , 443, 857-67	3.8	35
147	Agrin mediates chondrocyte homeostasis and requires both LRP4 and β 1-ostroglycan to enhance cartilage formation in vitro and in vivo. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1228-35	2.4	34
146	Annexin 1 modulates monocyte-endothelial cell interaction in vitro and cell migration in vivo in the human SCID mouse transplantation model. <i>Journal of Immunology</i> , 2002 , 169, 2085-92	5.3	34
145	IL-36, IL-37, and IL-38 Cytokines in Skin and Joint Inflammation: A Comprehensive Review of Their Therapeutic Potential. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	33
144	Synovial tissue heterogeneity and peripheral blood biomarkers. <i>Current Rheumatology Reports</i> , 2011 , 13, 440-8	4.9	33
143	Synovial tissue analysis for the discovery of diagnostic and prognostic biomarkers in patients with early arthritis. <i>Journal of Rheumatology</i> , 2011 , 38, 2068-72	4.1	32
142	The role of substance P in microvascular responses in murine joint inflammation. <i>British Journal of Pharmacology</i> , 2005 , 144, 1059-66	8.6	32
141	Ultrasound of the salivary glands is a strong predictor of labial gland biopsy histopathology in patients with sicca symptoms. <i>Journal of Oral Pathology and Medicine</i> , 2016 , 45, 450-4	3.3	32
140	Genome-wide association study of response to tumour necrosis factor inhibitor therapy in rheumatoid arthritis. <i>Pharmacogenomics Journal</i> , 2018 , 18, 657-664	3.5	32
139	Targeting the stromal microenvironment in chronic inflammation. <i>Current Opinion in Pharmacology</i> , 2006 , 6, 393-400	5.1	31
138	Towards a stratified targeted approach with biologic treatments in rheumatoid arthritis: role of synovial pathobiology. <i>Current Pharmaceutical Design</i> , 2015 , 21, 2216-24	3.3	31
137	The TRACTISS protocol: a randomised double blind placebo controlled clinical trial of anti-B-cell therapy in patients with primary Sjögren's Syndrome. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 21	2.8	30
136	Targeted delivery of cytokine therapy to rheumatoid tissue by a synovial targeting peptide. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 129-35	2.4	30
135	Angiogenic gene expression and vascular density are reflected in ultrasonographic features of synovitis in early Rheumatoid Arthritis: an observational study. <i>Arthritis Research and Therapy</i> , 2015 , 17, 58	5.7	29
134	Interleukin-18 as a potential therapeutic target in chronic autoimmune/inflammatory conditions. <i>Expert Opinion on Biological Therapy</i> , 2007 , 7, 31-40	5.4	28
133	A Pauci-Immune Synovial Pathotype Predicts Inadequate Response to TNF α Blockade in Rheumatoid Arthritis Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 845	8.4	27

132	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. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 278-291	18.1	27
131	Transcriptional Profiling of Synovial Macrophages Using Minimally Invasive Ultrasound-Guided Synovial Biopsies in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 841-854	9.5	27
130	Blood pro-resolving mediators are linked with synovial pathology and are predictive of DMARD responsiveness in rheumatoid arthritis. <i>Nature Communications</i> , 2020 , 11, 5420	17.4	27
129	Inflammatory cytokines shape a changing DNA methylome in monocytes mirroring disease activity in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1505-1516	2.4	26
128	ADAM10-Mediated ICOS Ligand Shedding on B Cells Is Necessary for Proper T Cell ICOS Regulation and T Follicular Helper Responses. <i>Journal of Immunology</i> , 2017 , 199, 2305-2315	5.3	26
127	Use of ultrasound-guided small joint biopsy to evaluate the histopathologic response to rheumatoid arthritis therapy: recommendations for application to clinical trials. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2601-10	9.5	26
126	Lymphoid tissue reactions in rheumatoid arthritis. <i>Autoimmunity Reviews</i> , 2007 , 7, 30-34	13.6	25
125	Modulation of cellular annexin I in human leukocytes infiltrating DTH skin reactions. <i>Journal of Leukocyte Biology</i> , 1999 , 65, 583-9	6.5	25
124	Inflammatory arthritis disrupts gut resolution mechanisms, promoting barrier breakdown by <i>Porphyromonas gingivalis</i> . <i>JCI Insight</i> , 2019 , 4,	9.9	25
123	Genome-wide association study of response to methotrexate in early rheumatoid arthritis patients. <i>Pharmacogenomics Journal</i> , 2018 , 18, 528-538	3.5	25
122	Role of chemokines in ectopic lymphoid structures formation in autoimmunity and cancer. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 333-341	6.5	25
121	EBV and other viruses as triggers of tertiary lymphoid structures in primary Sjögren's syndrome. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 445-55	5.1	24
120	A Transcriptional Signature of Fatigue Derived from Patients with Primary Sjögren's Syndrome. <i>PLoS ONE</i> , 2015 , 10, e0143970	3.7	24
119	Redox-Mediated Mechanisms Fuel Monocyte Responses to CXCL12/HMGB1 in Active Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2018 , 9, 2118	8.4	24
118	Higher expression of TNF-induced genes in the synovium of patients with early rheumatoid arthritis correlates with disease activity, and predicts absence of response to first line therapy. <i>Arthritis Research and Therapy</i> , 2016 , 18, 19	5.7	23
117	Curbing Inflammation through Endogenous Pathways: Focus on Melanocortin Peptides. <i>International Journal of Inflammation</i> , 2013 , 2013, 985815	6.4	23
116	Isolating ligands specific for human vasculature using in vivo phage selection. <i>Trends in Biotechnology</i> , 2003 , 21, 199-203	15.1	23
115	A Multicenter Retrospective Analysis Evaluating Performance of Synovial Biopsy Techniques in Patients With Inflammatory Arthritis: Arthroscopic Versus Ultrasound-Guided Versus Blind Needle Biopsy. <i>Arthritis and Rheumatology</i> , 2018 , 70, 702-710	9.5	22

114	Evaluation of Minimally Invasive, Ultrasound-guided Synovial Biopsy Techniques by the OMERACT Filter--Determining Validation Requirements. <i>Journal of Rheumatology</i> , 2016 , 43, 208-13	4.1	22
113	Accumulation of self-reactive naïve and memory B cell reveals sequential defects in B cell tolerance checkpoints in Sjögren's syndrome. <i>PLoS ONE</i> , 2014 , 9, e114575	3.7	22
112	Validity of a two-component imaging-derived disease activity score for improved assessment of synovitis in early rheumatoid arthritis. <i>Rheumatology</i> , 2019 ,	3.9	21
111	B cells in the formation of tertiary lymphoid organs in autoimmunity, transplantation and tumorigenesis. <i>Current Opinion in Immunology</i> , 2019 , 57, 46-52	7.8	21
110	Novel insights into macrophage diversity in rheumatoid arthritis synovium. <i>Autoimmunity Reviews</i> , 2021 , 20, 102758	13.6	20
109	Do the EULAR Sjögren's syndrome outcome measures correlate with health status in primary Sjögren's syndrome?. <i>Rheumatology</i> , 2015 , 54, 655-9	3.9	19
108	M3C: Monte Carlo reference-based consensus clustering. <i>Scientific Reports</i> , 2020 , 10, 1816	4.9	19
107	Improved monitoring of clinical response in Systemic Lupus Erythematosus by longitudinal trend in soluble vascular cell adhesion molecule-1. <i>Arthritis Research and Therapy</i> , 2016 , 18, 5	5.7	19
106	Extracellular traps and PAD4 released by macrophages induce citrullination and auto-antibody production in autoimmune arthritis. <i>Journal of Autoimmunity</i> , 2019 , 105, 102297	15.5	19
105	Laminar shear stress regulates endothelial kinin B1 receptor expression and function: potential implication in atherogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1757-63	9.4	19
104	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. <i>RMD Open</i> , 2018 , 4, e000799	5.9	19
103	PTPN14 phosphatase and YAP promote TGFβ signalling in rheumatoid synoviocytes. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 600-609	2.4	18
102	Atorvastatin fails to prevent the development of autoimmune diabetes despite inhibition of pathogenic beta-cell-specific CD8 T-cells. <i>Diabetes</i> , 2006 , 55, 1004-10	0.9	18
101	B Cell Synovitis and Clinical Phenotypes in Rheumatoid Arthritis: Relationship to Disease Stages and Drug Exposure. <i>Arthritis and Rheumatology</i> , 2020 , 72, 714-725	9.5	18
100	Mast Cells in Early Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
99	Activation of naïve CD4 T cells re-tunes STAT1 signaling to deliver unique cytokine responses in memory CD4 T cells. <i>Nature Immunology</i> , 2019 , 20, 458-470	19.1	16
98	Synoviocyte-targeted therapy synergizes with TNF inhibition in arthritis reversal. <i>Science Advances</i> , 2020 , 6, eaba4353	14.3	16
97	A novel model for the pre-clinical imaging of inflamed human synovial vasculature. <i>Rheumatology</i> , 2009 , 48, 926-31	3.9	15

96	The glucocorticoid inhibition of LFA-1 and CD2 expression by human mononuclear cells is reversed by IL-2, IL-7 and IL-15. <i>European Journal of Immunology</i> , 2001 , 31, 2135-42	6.1	15
95	Transforming clinical trials in rheumatology: towards patient-centric precision medicine. <i>Nature Reviews Rheumatology</i> , 2020 , 16, 590-599	8.1	15
94	ROR2 blockade as a therapy for osteoarthritis. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	15
93	Interleukin-36 family dysregulation drives joint inflammation and therapy response in psoriatic arthritis. <i>Rheumatology</i> , 2020 , 59, 828-838	3.9	15
92	Spectrum: fast density-aware spectral clustering for single and multi-omic data. <i>Bioinformatics</i> , 2020 , 36, 1159-1166	7.2	14
91	Targeting CD34 cells of the inflamed synovial endothelium by guided nanoparticles for the treatment of rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2019 , 103, 102288	15.5	14
90	The growing role of precision medicine for the treatment of autoimmune diseases; results of a systematic review of literature and Experts' Consensus. <i>Autoimmunity Reviews</i> , 2021 , 20, 102738	13.6	14
89	The synovial membrane as a prognostic tool in rheumatoid arthritis. <i>Autoimmunity Reviews</i> , 2007 , 6, 248-256	13.6	13
88	Reparative medicine: from tissue engineering to joint surface regeneration. <i>Regenerative Medicine</i> , 2006 , 1, 59-69	2.5	13
87	Prediction of treatment response in rheumatoid arthritis patients using genome-wide SNP data. <i>Genetic Epidemiology</i> , 2018 , 42, 754-771	2.6	13
86	Subjective and Objective Measures of Dryness Symptoms in Primary Sjögren's Syndrome: Capturing the Discrepancy. <i>Arthritis Care and Research</i> , 2017 , 69, 1714-1723	4.7	12
85	Association of response to TNF inhibitors in rheumatoid arthritis with quantitative trait loci for and CD39. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1055-1061	2.4	12
84	Rational design of antirheumatic prodrugs specific for sites of inflammation. <i>Arthritis and Rheumatology</i> , 2015 , 67, 2661-72	9.5	12
83	Agrin induces long-term osteochondral regeneration by supporting repair morphogenesis. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	12
82	Going with the flow: harnessing the power of the vasculature for targeted therapy in rheumatoid arthritis. <i>Drug Discovery Today</i> , 2016 , 21, 172-179	8.8	11
81	Can Synovial Pathobiology Integrate with Current Clinical and Imaging Prediction Models to Achieve Personalized Health Care in Rheumatoid Arthritis?. <i>Frontiers in Medicine</i> , 2017 , 4, 41	4.9	11
80	Development of a novel recombinant biotherapeutic with applications in targeted therapy of human arthritis. <i>Arthritis and Rheumatism</i> , 2011 , 63, 3758-67		11
79	PD-L1 signaling on human memory CD4+ T cells induces a regulatory phenotype. <i>PLoS Biology</i> , 2021 , 19, e3001199	9.7	11

78	Physical activity but not sedentary activity is reduced in primary Sjögren's syndrome. <i>Rheumatology International</i> , 2017 , 37, 623-631	3.6	10
77	New Insights into the Role of Tyro3, Axl, and Mer Receptors in Rheumatoid Arthritis. <i>Disease Markers</i> , 2020 , 2020, 1614627	3.2	10
76	Biomarkers in psoriasis and psoriatic arthritis: GRAPPA 2008. <i>Journal of Rheumatology</i> , 2010 , 37, 462-7	4.1	10
75	Cellular immune mechanisms in rheumatoid arthritis and other inflammatory arthritides. <i>Current Opinion in Immunology</i> , 1993 , 5, 918-24	7.8	10
74	Pain and depression are associated with both physical and mental fatigue independently of comorbidities and medications in primary Sjögren's syndrome. <i>RMD Open</i> , 2019 , 5, e000885	5.9	9
73	Basic synovial biology and immunopathology in psoriatic arthritis. <i>Journal of rheumatology Supplement, The</i> , 2009 , 83, 14-6		9
72	The Autoimmune Susceptibility Gene Regulates Macrophage-Mediated Resolution of Inflammation. <i>Journal of Immunology</i> , 2019 , 202, 1069-1078	5.3	8
71	Peripheral and synovial mechanisms of humoral autoimmunity in rheumatoid arthritis. <i>Drug Discovery Today</i> , 2014 , 19, 1161-5	8.8	8
70	Eligibility for clinical trials in primary Sjögren's syndrome: lessons from the UK Primary Sjögren's Syndrome Registry. <i>Rheumatology</i> , 2016 , 55, 544-52	3.9	7
69	Resolution of inflammation: examples of peptidergic players and pathways. <i>Drug Discovery Today</i> , 2014 , 19, 1166-71	8.8	7
68	The Relationship Between Synovial Pathobiology and Magnetic Resonance Imaging Abnormalities in Rheumatoid Arthritis: A Systematic Review. <i>Journal of Rheumatology</i> , 2017 , 44, 1311-1324	4.1	7
67	Efficacy, Safety, and Sample Quality of Ultrasound-Guided Synovial Needle Biopsy in Clinical Practice and Research: A Prospective Observational Study. <i>Arthritis Care and Research</i> , 2020 , 72, 1497-1505	4.7	7
66	Impaired Interleukin-27-Mediated Control of CD4+ T Cell Function Impact on Ectopic Lymphoid Structure Formation in Patients With Sjögren's Syndrome. <i>Arthritis and Rheumatology</i> , 2020 , 72, 1559-1570	8.5	7
65	Identification of Novel Chondroprotective Mediators in Resolving Inflammatory Exudates. <i>Journal of Immunology</i> , 2017 , 198, 2876-2885	5.3	6
64	Feasibility randomised multicentre, double-blind, double-dummy controlled trial of anakinra, an interleukin-1 receptor antagonist versus intramuscular methylprednisolone for acute gout attacks in patients with chronic kidney disease (ASGARD): protocol study. <i>BMJ Open</i> , 2017 , 7, e017121	3	6
63	The stem cell niche: a new target in medicine. <i>Current Opinion in Orthopaedics</i> , 2006 , 17, 398-404		6
62	Comparison of ESSDAI and ClinESSDAI in potential optimisation of trial outcomes in primary Sjögren's syndrome: examination of data from the UK Primary Sjögren's Syndrome Registry. <i>Swiss Medical Weekly</i> , 2018 , 148, w14588	3.1	6
61	WNT3A-loaded exosomes enable cartilage repair. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12088	16.4	6

60	Tertiary Lymphoid Organs in Rheumatoid Arthritis. <i>Current Topics in Microbiology and Immunology</i> , 2020 , 426, 119-141	3.3	5
59	Characterization of a Synovial B Cell-Derived Recombinant Monoclonal Antibody Targeting Stromal Calreticulin in the Rheumatoid Joints. <i>Journal of Immunology</i> , 2018 , 201, 1373-1381	5.3	5
58	Targeted therapies: what they teach us about the pathogenesis of psoriasis and psoriatic arthritis. <i>Expert Review of Clinical Immunology</i> , 2017 , 13, 207-222	5.1	5
57	The vascular endothelial system in the pathogenesis of inflammation and systemic rheumatic diseases: relation to the neuroendocrine system. <i>Rheumatic Disease Clinics of North America</i> , 2000 , 26, 765-73	2.4	5
56	Treatment-resistant synovitis and radiographic progression are increased in elderly-onset rheumatoid arthritis patients: findings from a prospective observational longitudinal early arthritis cohort study. <i>Seminars in Arthritis and Rheumatism</i> , 2020 , 50, 735-743	5.3	5
55	Calcium calmodulin kinase II activity is required for cartilage homeostasis in osteoarthritis. <i>Scientific Reports</i> , 2021 , 11, 5682	4.9	5
54	IL-23 skin and joint profiling in psoriatic arthritis: novel perspectives in understanding clinical responses to IL-23 inhibitors. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 591-597	2.4	5
53	H and L Chain Affinity Maturation and/or Fab -Glycosylation Influence Immunoreactivity toward Neutrophil Extracellular Trap Antigens in Rheumatoid Arthritis Synovial B Cell Clones. <i>Journal of Immunology</i> , 2020 , 204, 2374-2379	5.3	4
52	Reply. <i>Arthritis and Rheumatology</i> , 2016 , 68, 769-70	9.5	3
51	Ultrasound imaging in spondyloarthropathies: from imaging to diagnostic intervention. <i>Current Opinion in Rheumatology</i> , 2008 , 20, 408-15	5.3	3
50	In vivo phage display selection in the human/SCID mouse chimera model for defining synovial specific determinants. <i>Methods in Molecular Medicine</i> , 2007 , 136, 369-94		3
49	From ubiquitous antigens to joint-specific inflammation: could local vascular permeability be the missing link?. <i>Trends in Immunology</i> , 2006 , 27, 299-302	14.4	3
48	Cellular and molecular diversity in Rheumatoid Arthritis.. <i>Seminars in Immunology</i> , 2022 , 101519	10.7	3
47	Defining Inflammatory Cell States in Rheumatoid Arthritis Joint Synovial Tissues by Integrating Single-cell Transcriptomics and Mass Cytometry		3
46	Anti-inflammatory and antiosteoclastogenesis properties of endogenous melanocortin receptor type 3 in experimental arthritis. <i>FASEB Journal</i> , 2010 , 24, 4835-4843	0.9	3
45	Circulating and Synovial Pentraxin-3 (PTX3) Expression Levels Correlate With Rheumatoid Arthritis Severity and Tissue Infiltration Independently of Conventional Treatments Response. <i>Frontiers in Immunology</i> , 2021 , 12, 686795	8.4	3
44	Generation of Recombinant Monoclonal Antibodies from Single B Cells Isolated from Synovial Tissue of Rheumatoid Arthritis Patients. <i>Methods in Molecular Biology</i> , 2018 , 1845, 159-187	1.4	2
43	B cell distribution and activation-induced cytidine deaminase expression in rheumatoid synovitis: clinical and bio-molecular correlates. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, A55-A55	2.4	2

42	Role of synovial fibroblast subsets across synovial pathotypes in rheumatoid arthritis: a deconvolution analysis.. <i>RMD Open</i> , 2022 , 8,	5.9	2
41	Response to: 'Synovial cellular and molecular signatures stratify clinical response to csDMARD therapy and predict radiographic progression in early rheumatoid arthritis patients' by Buch. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, e141	2.4	2
40	Galectin-9 mediates neutrophil capture and adhesion in a CD44 and α integrin-dependent manner. <i>FASEB Journal</i> , 2022 , 36, e22065	0.9	2
39	Chemokines in arthritis: key molecules in pathogenesis and potential therapeutic targets. <i>Future Rheumatology</i> , 2006 , 1, 53-65		2
38	Isolation and Characterization of Mouse and Human Follicular Dendritic Cells. <i>Methods in Molecular Biology</i> , 2017 , 1623, 113-123	1.4	2
37	Glucocorticoids and leukocyte adhesion 2001 , 105-118		2
36	High dimensional analyses of cells dissociated from cryopreserved synovial tissue		2
35	Investigation of genetically regulated gene expression and response to treatment in rheumatoid arthritis highlights an association between expression and treatment response. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 1446-1452	2.4	2
34	Effects of targeting the transcription factors Ikaros and Aiolos on B cell activation and differentiation in systemic lupus erythematosus. <i>Lupus Science and Medicine</i> , 2021 , 8,	4.6	2
33	Response to: Can ultrasound of the major salivary glands assess histopathological changes induced by treatment with rituximab in primary Sjögren's syndrome?. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, e28	2.4	2
32	Novel Bispecific Antibody for Synovial-Specific Target Delivery of Anti-TNF Therapy in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021 , 12, 640070	8.4	2
31	NKp30 Receptor Upregulation in Salivary Glands of Sjögren's Syndrome Characterizes Ectopic Lymphoid Structures and Is Restricted by Rituximab Treatment. <i>Frontiers in Immunology</i> , 2021 , 12, 7067374	8.4	2
30	Ultrasound-guided synovial biopsy of the wrist does not alter subsequent clinical or ultrasound disease activity assessments: a prospective study for incorporation of imaging in clinical trials. <i>Clinical and Experimental Rheumatology</i> , 2016 , 34, 802-807	2.2	2
29	A clinical and histopathological analysis of the anti-centromere antibody positive subset of primary Sjögren's syndrome. <i>Clinical and Experimental Rheumatology</i> , 2018 , 36 Suppl 112, 145-149	2.2	2
28	Increased plasma levels of Gas6 and its soluble tyrosine kinase receptors Mer and Axl are associated with immunological activity and severity of lupus nephritis.. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39, 132-138	2.2	2
27	Recent advances in the treatment of psoriatic arthritis. <i>Expert Opinion on Therapeutic Patents</i> , 2004 , 14, 509-25	6.8	1
26	Causal Bayesian Networks for Medical Diagnosis: A Case Study in Rheumatoid Arthritis 2020 ,		1
25	A novel mechanism for protecting the arthritic joint: microparticles deliver Annexin A1 into cartilage (146.8). <i>FASEB Journal</i> , 2014 , 28, 146.8	0.9	1

24	P214 Preliminary results: driving improvements in disease outcomes for rheumatoid arthritis patients using remote disease activity monitoring via smartphone app. <i>Rheumatology</i> , 2020 , 59,	3.9	1
23	Single cell analysis of RA synovial B cells reveals a dynamic spectrum of ectopic lymphoid B cell activation and hypermutation characterized by NR4A nuclear receptor expression		1
22	Generation of restriction endonucleases barcode map to trace SARS-CoV-2 origin and evolution. <i>Scientific Reports</i> , 2021 , 11, 11773	4.9	1
21	Wrist ultrasound - the model method for grey-scale and power Doppler scoring. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 441-442	2.4	1
20	Disruptive innovation in rheumatology: new networks of global public-private partnerships are needed to take advantage of scientific progress. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 553-555	2.4	1
19	The glucocorticoid inhibition of LFA-1 and CD2 expression by human mononuclear cells is reversed by IL-2, IL-7 and IL-15 2001 , 31, 2135		1
18	Increased plasma levels of Gas6 and its soluble tyrosine kinase receptors Mer and Axl are associated with immunological activity and severity of lupus nephritis. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39, 132-138	2.2	1
17	MCTR3 reprograms arthritic monocytes to upregulate Arginase-1 and exert pro-resolving and tissue-protective functions in experimental arthritis.. <i>EBioMedicine</i> , 2022 , 79, 103974	8.8	1
16	Dynamic spectrum of ectopic lymphoid B cell activation and hypermutation in the RA synovium characterized by NR4A nuclear receptor expression.. <i>Cell Reports</i> , 2022 , 39, 110766	10.6	1
15	Persistence of Mast Cell-Positive Synovitis in Early Rheumatoid Arthritis Following Treatment With Conventional Synthetic Disease Modifying Anti-Rheumatic Drugs. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1051	5.6	0
14	Robust optimization of SWATH-MS workflow for human blood serum proteome analysis using a quality by design approach. <i>Clinical Proteomics</i> , 2021 , 18, 20	5	0
13	Stepwise changes in the murine salivary gland immune response during virally-induced ectopic lymphoid structure formation. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39, 39-48	2.2	0
12	RA-MAP, molecular immunological landscapes in early rheumatoid arthritis and healthy vaccine recipients.. <i>Scientific Data</i> , 2022 , 9, 196	8.2	0
11	A1.31 Monoclonal antibodies from CD19+ synovial B cells of RA patients with tertiary lymphoid structures display a strong immunoreactivity towards citrullinated histones from neutrophils NETs. <i>Annals of the Rheumatic Diseases</i> , 2014 , 73, A13.1-A13	2.4	
10	Multi-therapeutic potential of autoantibodies induced by immune complexes trapped on follicular dendritic cells. <i>Human Vaccines and Immunotherapeutics</i> , 2013 , 9, 2434-44	4.4	
9	A5.2 Accumulation of Circulating Autoreactive Naïve B Cells Reveal Defects of Early B Cell Tolerance Checkpoints in Patients with Sjögren's Syndrome. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A30.2-A31	2.4	
8	Breakage of B cell tolerance by antigens on follicular dendritic cells. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, A57-A57	2.4	
7	Failure to control progression of rheumatoid arthritis after a decade of biologic therapy. <i>Journal of Rheumatology</i> , 2012 , 39, 2049-50	4.1	

- | | | |
|---|---|-----|
| 6 | Regulation of auto-antibody production by persisting auto-immune complexes on follicular dendritic cells. <i>Annals of the Rheumatic Diseases</i> , 2012 , 71, A38.1-A38 | 2.4 |
| 5 | Response to Comment on [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 Sjögren's Syndrome] <i>Journal of Immunology</i> , 2008 , 180, 2008-2009 | 5.3 |
| 4 | Comment on the article by Lasky et al. <i>Arthritis and Rheumatism</i> , 1989 , 32, 116-7 | |
| 3 | Effect of soluble JAM-C on leukocyte transmigration in models of ischemia/reperfusion injury. <i>FASEB Journal</i> , 2009 , 23, 360.3 | 0.9 |
| 2 | Activation of Melanocortin Receptor 3 as a new strategy to control experimental and rheumatoid arthritis. <i>FASEB Journal</i> , 2013 , 27, 648.8 | 0.9 |
| 1 | Elderly-onset rheumatoid arthritis is a unique disease subset associated with poor overall outcomes: Response to the letter by Haroon and Ayamer. <i>Seminars in Arthritis and Rheumatism</i> , 2021 , 51, e11-e12 | 5.3 |