

Frances Humby

List of Publications by Year in descending order

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84
papers

3,533
citations

172457
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docs citations

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3787
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#	ARTICLE	IF	CITATIONS
1	Rituximab versus tocilizumab in rheumatoid arthritis: synovial biopsy-based biomarker analysis of the phase 4 R4RA randomized trial. <i>Nature Medicine</i> , 2022, 28, 1256-1268.	30.7	105
2	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.	13.7	145
3	Fibrocytes in early and long-standing rheumatoid arthritis: a 6-month trial with repeated synovial biopsy, imaging and lung function test. <i>RMD Open</i> , 2021, 7, e001494.	3.8	2
4	POS0377â€¦FIBROCYTES IN EARLY AND LONGSTANDING RHEUMATOID ARTHRITIS: A 6-MONTH TRIAL WITH REPEATED SYNOVIAL BIOPSY, IMAGING, AND LUNG FUNCTION TEST. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 419.1-419.	0.9	0
5	Editorial: Synovial Tissue: Turning the Page to Precision Medicine in Arthritis?. <i>Frontiers in Medicine</i> , 2021, 8, 749062.	2.6	2
6	Efficacy, Safety, and Sample Quality of Ultrasoundâ€¢Guided Synovial Needle Biopsy in Clinical Practice and Research: A Prospective Observational Study. <i>Arthritis Care and Research</i> , 2020, 72, 1497-1505.	3.4	14
7	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.	5.6	33
8	O20â€¢fHistological and molecular features of the diseased synovium in early untreated PsA in comparison with RA. <i>Rheumatology</i> , 2020, 59, .	1.9	0
9	P22â€¢fMicro-RNA enriched pathway impact analysis applied to synovial RNA-seq in early rheumatoid arthritis identifies response prediction pathways. <i>Rheumatology</i> , 2020, 59, .	1.9	0
10	P214â€¢fPreliminary results: driving improvements in disease outcomes for rheumatoid arthritis patients using remote disease activity monitoring via smartphone app. <i>Rheumatology</i> , 2020, 59, .	1.9	1
11	A Pauci-Immune Synovial Pathotype Predicts Inadequate Response to TNF±-Blockade in Rheumatoid Arthritis Patients. <i>Frontiers in Immunology</i> , 2020, 11, 845.	4.8	55
12	Synoviocyte-targeted therapy synergizes with TNF inhibition in arthritis reversal. <i>Science Advances</i> , 2020, 6, eaba4353.	10.3	43
13	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.	3.4	15
14	Response to: â€¢Synovial cellular and molecular signatures stratify clinical response to csDMARD therapy and predict radiographic progression in early rheumatoid arthritis patientsâ€¢™ by Buch et al. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, e141-e141.	0.9	3
15	THU0082â€¦MERTK SYNOVIAL EXPRESSION CORRELATES WITH TREATMENT RESPONSE IN RHEUMATOID ARTHRITIS. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 253.1-253.	0.9	0
16	OP0217â€¦INVOLVEMENT OF LARGE JOINTS AT DISEASE PRESENTATION IS ASSOCIATED WITH DIVERSE HISTOPATHOLOGICAL FEATURES AND CLINICAL OUTCOMES IN EARLY RHEUMATOID ARTHRITIS. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 134.1-135.	0.9	0
17	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.	0.9	47
18	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.	16.2	266

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19	Molecular Portraits of Early Rheumatoid Arthritis Identify Clinical and Treatment Response Phenotypes. <i>Cell Reports</i> , 2019, 28, 2455-2470.e5.	6.4	241
20	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.	0.9	219
21	Factors associated with physical activity engagement among adults with rheumatoid arthritis: A cross-sectional study. <i>Musculoskeletal Care</i> , 2019, 17, 163-173.	1.4	10
22	THU0092â€¦DEFINING A LEARNING CURVE FOR CLINICIANS PERFORMING ULTRASOUND-GUIDED DEFINING A LEARNING CURVE FOR CLINICIANS PERFORMING ULTRASOUND-GUIDED NEEDLE SYNOVIAL BIOPSIES: A RETROSPECTIVE ANALYSIS OF THE EXPERIENCE AT THE EXPERIMENTAL MEDICINE AND RHEUMATOLOGY, QUEEN MARY UNIVERSITY OF LONDON. , 2019, , .		0
23	THU0058â€¦B CELL SYNOVITIS AND CLINICAL PHENOTYPES IN RHEUMATOID ARTHRITIS AT DIFFERENT DISEASE STAGES. , 2019, , .		2
24	OP0120â€¦BASELINE CELLULAR AND MOLECULAR CHARACTERISTICS OF SYNOVIAL TISSUE AND RELATION WITH TNFI RESPONSE. RESULTS FROM THE PATHOBIOLOGY OF THE EARLY ARTHRITIS COHORT (PEAC). , 2019, , .		0
25	FRI0640â€¦COMPARING DISEASE ACTIVITY IN THE WRIST BY REPEAT SYNOVIAL BIOPSIES, RAMRIS MAGNETIC RESONANCE SCORE AND EULAR-OMERACT ULTRASOUND SCORE: A 6-MONTH PROSPECTIVE TRIAL IN EARLY AND LONGSTANDING RHEUMATOID ARTHRITIS. , 2019, , .		0
26	OP0113â€¦HISTOLOGICAL AND MOLECULAR PORTRAIT OF THE SYNOVIAL TISSUE IN EARLY TREATMENT-NAÏVE PSORIATIC ARTHRITIS IN COMPARISON WITH RHEUMATOID ARTHRITIS. , 2019, , .		2
27	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.	0.9	85
28	Wrist ultrasound - the model method for grey-scale and power Doppler scoring. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 441-442.	0.9	1
29	A Multicenter Retrospective Analysis Evaluating Performance of Synovial Biopsy Techniques in Patients With Inflammatory Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 702-710.	5.6	32
30	244â€¦The clinical phenotype of inflammatory arthritis correlates with synovial immune cell infiltration: results from the pathobiology of early arthritis cohort. <i>Rheumatology</i> , 2018, 57, .	1.9	0
31	Standardisation of synovial biopsy analyses in rheumatic diseases: a consensus of the EULAR Synovitis and OMERACT Synovial Tissue Biopsy Groups. <i>Arthritis Research and Therapy</i> , 2018, 20, 265.	3.5	29
32	O09â€¦A lymphoid pathotype at baseline, in early inflammatory arthritis, significantly associates with requirement for biologic therapy at 12 months follow up: results from the pathobiology of early arthritis cohort. <i>Rheumatology</i> , 2018, 57, .	1.9	0
33	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.	3.8	31
34	THU0061â€¦Restricted axl synovial expression and increased cleavage of axl ectodomain correlate with highly inflamed synovitis and more severe rheumatoid arthritis. , 2018, , .		0
35	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.	3.5	83
36	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.	0.9	52

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37	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
38	SAT0076â€¦Synovial mast cells and responses to synthetic and biologic dmards in early and established rheumatoid arthritis. , 2018, , .		0
39	THU0122â€¦Imaging characterisation of remission in rheumatoid arthritis. , 2018, , .		0
40	OP0040â€¦Synovial cell infiltration in acpa-ve patients displays similar signatures to other seronegative inflammatory arthritis. results from the pathobiology of early arthritis cohort (PEAC). , 2018, , .		0
41	OP0278-HPRâ€¦Patient reported outcomes and safety in patients undergoing synovial biopsy: comparison of arthroscopic, ultrasound-guided portal-forceps and ultrasound-guided needle biopsy techniques, in five centres across europe. , 2018, , .		0
42	EULAR definition of arthralgia suspicious for progression to rheumatoid arthritis. Annals of the Rheumatic Diseases, 2017, 76, 491-496.	0.9	209
43	The Relationship Between Synovial Pathobiology and Magnetic Resonance Imaging Abnormalities in Rheumatoid Arthritis: A Systematic Review. Journal of Rheumatology, 2017, 44, 1311-1324.	2.0	11
44	Synovial tissue research: a state-of-the-art review. Nature Reviews Rheumatology, 2017, 13, 463-475.	8.0	175
45	FRI0088â€¦Synovial pathobiology correlates with diagnostic subgroups in early inflammatory arthritis: results from the pathobiology of early arthritis cohort (PEAC). , 2017, , .		0
46	THU0667â€¦A qualitative and quantitative comparison of synovial biopsy techniques during clinical trials of inflammatory arthritis. , 2017, , .		0
47	THU0100â€¦In early inflammatory arthritis a lymphoid pathotype significantly associates with requirement for biologic therapy at 12 months follow up: results from the pathobiology of early arthritis cohort (PEAC). , 2017, , .		0
48	FRI0442â€¦Histopathology of Treatment-Naïve Psoriatic Synovitis: A Comparison with Early Rheumatoid Arthritis. Annals of the Rheumatic Diseases, 2016, 75, 595.3-596.	0.9	0
49	FRI0157â€¦A Baseline Prediction Model for Response To Certolizumab-Pegol: Role of Synovial Histopathology. Annals of the Rheumatic Diseases, 2016, 75, 485.2-486.	0.9	0
50	OP0240â€¦Synovial Lymphocytic Aggregates Associate with Highly Active RA and Predict Erosive Disease Progression at 12 Months: Results from The Pathobiology of Early Arthritis Cohort. Annals of the Rheumatic Diseases, 2016, 75, 149.1-149.	0.9	0
51	OP0263â€¦Synovial B-Cell Gene Signature Predicts Response To Rituximab Therapy. Annals of the Rheumatic Diseases, 2016, 75, 158.1-158.	0.9	0
52	Evaluation of Minimally Invasive, Ultrasound-guided Synovial Biopsy Techniques by the OMERACT Filter â€” Determining Validation Requirements. Journal of Rheumatology, 2016, 43, 208-213.	2.0	30
53	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. Arthritis Research and Therapy, 2016, 18, 19.	3.5	39
54	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. Clinical and Experimental Rheumatology, 2016, 34, 802-807.	0.8	2

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55	THU0033â€¦A Functional Inhibitory Role for the GAS6/MERTK Axis in Modulating Synovial Inflammation in Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 204.2-204.	0.9	1
56	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.	3.5	34
57	OP0208â€¦Synovial Immunopathology Defines Clinical Responsiveness to Dmard Therapy in Early Psoriatic Arthritis: A Pre- and Post-Treatment Mechanistic Study Using a Minimally Invasive Ultrasound-Guided Synovial Biopsy Procedure. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 149.3-150.	0.9	1
58	THU0116â€¦Higher Ultrasound Synovitis in Elderly-Onset Rheumatoid Arthritis as Compared to Younger-Onset: THE Barts Early Arthritis Cohort. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 236.1-236.	0.9	1
59	OP0129â€¦Higher Expression of TNF Alpha-Induced Genes in the Synovium of Early RA Patients Correlates with Disease Activity, and Predicts Absence of Response to First Line Therapy. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 117.1-117.	0.9	0
60	Use of Ultrasoundâ€¦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, 2601-2610.	5.6	39
61	Ultrasound-guided synovial biopsy: a systematic review according to the OMERACT filter and recommendations for minimal reporting standards in clinical studies. <i>Rheumatology</i> , 2015, 54, 1867-1875.	1.9	23
62	Ultrasound-guided synovial biopsy: a safe, well-tolerated and reliable technique for obtaining high-quality synovial tissue from both large and small joints in early arthritis patients. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 611-617.	0.9	149
63	A7.6â€¦Clinical and pathological differences of elderly- and younger-onset rheumatoid arthritis in an early arthritis cohort. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, A76.3-A77.	0.9	0
64	OP0054â€¦Ultrasound Synovitis Reflects Synovial Inflammation at A Histopathological Level: Table 1.. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 81.1-81.	0.9	1
65	AB0132â€¦Presence of Synovial Lymphocyte Aggregates Correlates with A More Severe Clinical Phenotype in Patients with Early Inflammatory Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 847.2-847.	0.9	0
66	High expression levels of the B cell chemoattractant CXCL13 in rheumatoid synovium are a marker of severe disease. <i>Rheumatology</i> , 2014, 53, 1886-1895.	1.9	63
67	FRI0243â€¦Ultrasound-Guided Synovial Biopsy Does not Alter Subsequent Ultrasound Assessments. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 471.1-471.	0.9	0
68	SAT0048â€¦Synovial Lymphocytic Aggregates Predict Clinical Response to Certolizumab Pegol in Rheumatoid Arthritis (Clinical and Pathological Response to Certolizumab-Pegol (Clip-Cert) Study): Table 1. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 606.2-607.	0.9	0
69	Epsteinâ€¦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, 1559-1568.	0.9	100
70	New learnings on the pathophysiology of RA from synovial biopsies. <i>Current Opinion in Rheumatology</i> , 2013, 25, 334-344.	4.3	189
71	THU0087â€¦Synovial Ectopic Lymphoid-like Structures are Associated with Diagnosis of Rheumatoid Arthritis, Disease Activity and Antibody Status in Early Arthritis Patients. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A192.2-A192.	0.9	0
72	A6.5â€¦Synovial Lymphoid Structures Support Epstein-Barr Virus Persistence and Autoreactive Plasma Cell Infection in Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, A43.3-A44.	0.9	0

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73	SAT0014â€¦Synovial Sublining Macrophages: A Sensitive Biomarker for Response to Treatment in Early RA Patients.. Annals of the Rheumatic Diseases, 2013, 72, A583.2-A584.	0.9	0
74	AB0742â€¦Minimally invasive ultrasound guided synovial biopsy as a clinical diagnostic tool. Annals of the Rheumatic Diseases, 2013, 72, A1015.2-A1016.	0.9	0
75	AB0247â€¦Rheumatoid arthritis patient characteristics at different therapeutic timepoints. Annals of the Rheumatic Diseases, 2013, 72, A862.2-A862.	0.9	0
76	Mycophenolate mofetil inducing remission of lupus enteritis. Lupus, 2012, 21, 556-558.	1.6	7
77	Synovial Tissue Heterogeneity and Peripheral Blood Biomarkers. Current Rheumatology Reports, 2011, 13, 440-448.	4.7	38
78	B cell distribution and activation-induced cytidine deaminase expression in rheumatoid synovitis: clinical and bio-molecular correlates. Annals of the Rheumatic Diseases, 2011, 70, A55-A55.	0.9	3
79	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
80	Ectopic Lymphoid Structures Support Ongoing Production of Class-Switched Autoantibodies in Rheumatoid Synovium. PLoS Medicine, 2009, 6, e1.	8.4	443
81	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
82	A synovial pathergy reaction leading to a pseudo-septic arthritis and a diagnosis of Behcet's disease. Rheumatology, 2008, 47, 1255-1256.	1.9	14
83	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
84	The synovial membrane as a prognostic tool in rheumatoid arthritis. Autoimmunity Reviews, 2007, 6, 248-252.	5.8	16