David L Boyle

List of Publications by Year in descending order

35 papers	2,682 citations	257450 24 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	3849 citing authors

#	Article	IF	Citations
1	Crosstalk between CD4 T cells and synovial fibroblasts from human arthritic joints promotes hyaluronan-dependent leukocyte adhesion and inflammatory cytokine expression in vitro. Matrix Biology Plus, 2022, 14, 100110.	3.5	2
2	Gastrointestinal Surgery for Inflammatory Bowel Disease Persistently Lowers Microbiome and Metabolome Diversity. Inflammatory Bowel Diseases, 2021, 27, 603-616.	1.9	25
3	IgG Epitopes Processed and Presented by IgG+ B Cells Induce Suppression by Human Thymic-Derived Regulatory T Cells. Journal of Immunology, 2021, 206, 1194-1203.	0.8	3
4	Synoviocyte-targeted therapy synergizes with TNF inhibition in arthritis reversal. Science Advances, 2020, 6, eaba4353.	10.3	43
5	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
6	PTPN14 phosphatase and YAP promote TGFÎ² signalling in rheumatoid synoviocytes. Annals of the Rheumatic Diseases, 2019, 78, 600-609.	0.9	33
7	Toreforant, an orally active histamine H4-receptor antagonist, in patients with active rheumatoid arthritis despite methotrexate: mechanism of action results from a phase 2, multicenter, randomized, double-blind, placebo-controlled synovial biopsy study. Inflammation Research, 2019, 68, 261-274.	4.0	9
8	Joint Locationâ€“Specific <scp>JAK</scp>â€<scp>STAT</scp> Signaling in Rheumatoid Arthritis Fibroblastâ€like Synoviocytes. ACR Open Rheumatology, 2019, 1, 640-648.	2.1	32
9	Regulation and function of apoptosis signal-regulating kinase 1 in rheumatoid arthritis. Biochemical Pharmacology, 2018, 151, 282-290.	4.4	22
10	Comprehensive epigenetic landscape of rheumatoid arthritis fibroblast-like synoviocytes. Nature Communications, 2018, 9, 1921.	12.8	119
11	Serum metabolomic profiling predicts synovial gene expression in rheumatoid arthritis. Arthritis Research and Therapy, 2018, 20, 164.	3.5	36
12	Methods for high-dimensional analysis of cells dissociated from cryopreserved synovial tissue. Arthritis Research and Therapy, 2018, 20, 139.	3.5	93
13	Assessing Researcher Needs for a Virtual Biobank. Biopreservation and Biobanking, 2017, 15, 203-210.	1.0	15
14	Regulation of the Cell Cycle and Inflammatory Arthritis by the Transcription Cofactor LBH Gene. Journal of Immunology, 2017, 199, 2316-2322.	0.8	31
15	Synovial tissue research: a state-of-the-art review. Nature Reviews Rheumatology, 2017, 13, 463-475.	8.0	175
16	TGFÎ² responsive tyrosine phosphatase promotes rheumatoid synovial fibroblast invasiveness. Annals of the Rheumatic Diseases, 2016, 75, 295-302.	0.9	35
17	Metabolomic profiling predicts outcome of rituximab therapy in rheumatoid arthritis. RMD Open, 2016, 2, e000289.	3.8	31
18	Joint-specific DNA methylation and transcriptome signatures in rheumatoid arthritis identify distinct pathogenic processes. Nature Communications, 2016, 7, 11849.	12.8	104

#	Article	IF	Citations
19	Receptor Protein Tyrosine Phosphatase Î±â€“Mediated Enhancement of Rheumatoid Synovial Fibroblast Signaling and Promotion of Arthritis in Mice. Arthritis and Rheumatology, 2016, 68, 359-369.	5.6	24
20	Abnormal PTPN11 enhancer methylation promotes rheumatoid arthritis fibroblast-like synoviocyte aggressiveness and joint inflammation. JCI Insight, 2016, 1, .	5.0	34
21	Targeting phosphatase-dependent proteoglycan switch for rheumatoid arthritis therapy. Science Translational Medicine, 2015, 7, 288ra76.	12.4	44
22	Novel Phosphoinositide 3-KinaseÎ´,Î³Inhibitor: Potent Anti-Inflammatory Effects and Joint Protection in Models of Rheumatoid Arthritis. Journal of Pharmacology and Experimental Therapeutics, 2014, 348, 271-280.	2.5	35
23	Differential regulation of anti-inflammatory genes by p38 MAP kinase and MAP kinase kinase 6. Journal of Inflammation, 2014, 11, 14.	3.4	12
24	An imprinted rheumatoid arthritis methylome signature reflects pathogenic phenotype. Genome Medicine, 2013, 5, 40.	8.2	99
25	Protein Tyrosine Phosphatase Expression Profile of Rheumatoid Arthritis Fibroblastâ€like Synoviocytes: A Novel Role of SH2 Domainâ€“Containing Phosphatase 2 as a Modulator of Invasion and Survival. Arthritis and Rheumatism, 2013, 65, 1171-1180.	6.7	43
26	PI3 Kinase Î´ Is a Key Regulator of Synoviocyte Function in Rheumatoid Arthritis. American Journal of Pathology, 2012, 180, 1906-1916.	3.8	92
27	The JAK inhibitor CP-690,550 (tofacitinib) inhibits TNF-induced chemokine expression in fibroblast-like synoviocytes: autocrine role of type I interferon. Annals of the Rheumatic Diseases, 2012, 71, 440-447.	0.9	153
28	The pathobiology of psoriatic synovium. Current Opinion in Rheumatology, 2008, 20, 404-407.	4.3	10
29	17aâ€ethynylâ€5â€androstenâ€3ÃŸ, 7ÃŸ, 17ÃŸâ€triol (HE3286): a novel synthetic steroid with broad based antiâ€inflammatory activity. FASEB Journal, 2008, 22, 1074.32.	0.5	0
30	Regulation of Peripheral Inflammation by Spinal p38 MAP Kinase in Rats. PLoS Medicine, 2006, 3, e338.	8.4	115
31	Quantitative biomarker analysis of synovial gene expression by real-time PCR. Arthritis Research, 2003, 5, R352.	2.0	117
32	P53 overexpression in synovial tissue from patients with early and longstanding rheumatoid arthritis compared with patients with reactive arthritis and osteoarthritis. Arthritis and Rheumatism, 1999, 42, 948-953.	6.7	93
33	Dominant-negative p53 mutations in rheumatoid arthritis. Arthritis and Rheumatism, 1999, 42, 1088-1092.	6.7	91
34	Relationship Between Serum Amino Acid Concentration and Fluctuations in Appetite¹. Obesity, 1997, 5, 381-384.	4.0	14
35	Prostaglandins increase proMMP-1 and proMMP-3 secretion by human ciliary smooth muscle cells. Current Eye Research, 1996, 15, 869-875.	1.5	138