

Gary S Firestein

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

13,521
citations

53794

45
h-index

48315

88
g-index

95
all docs

95
docs citations

95
times ranked

12852
citing authors

#	ARTICLE	IF	CITATIONS
1	A framework and road map for rapid start-up and completion of a COVID-19 vaccine trial: A single clinical trial site experience. <i>Journal of Clinical and Translational Science</i> , 2022, 6, e21.	0.6	0
2	Epigenetic Regulation of Nutrient Transporters in Rheumatoid Arthritis Fibroblast-Like Synoviocytes. <i>Arthritis and Rheumatology</i> , 2022, , .	5.6	10
3	Caspase-8 Variant G Regulates Rheumatoid Arthritis Fibroblast-Like Synoviocyte Aggressive Behavior. <i>ACR Open Rheumatology</i> , 2022, 4, 288-299.	2.1	4
4	Comparison of Web-Based Advertising and a Social Media Platform as Recruitment Tools for Underserved and Hard-to-Reach Populations in Rheumatology Clinical Research. <i>ACR Open Rheumatology</i> , 2022, 4, 623-630.	2.1	4
5	Crosstalk between CD4 T cells and synovial fibroblasts from human arthritic joints promotes hyaluronan-dependent leukocyte adhesion and inflammatory cytokine expression in vitro. <i>Matrix Biology Plus</i> , 2022, 14, 100110.	3.5	2
6	Distinct DNA Methylation Patterns of Rheumatoid Arthritis Peripheral Blood and Synovial Tissue T Cells. <i>ACR Open Rheumatology</i> , 2021, 3, 127-132.	2.1	12
7	IgG Epitopes Processed and Presented by IgG+ B Cells Induce Suppression by Human Thymic-Derived Regulatory T Cells. <i>Journal of Immunology</i> , 2021, 206, 1194-1203.	0.8	3
8	Persistent Joint Pain Following Arthropod Virus Infections. <i>Current Rheumatology Reports</i> , 2021, 23, 26.	4.7	13
9	Lasp1 regulates adherens junction dynamics and fibroblast transformation in destructive arthritis. <i>Nature Communications</i> , 2021, 12, 3624.	12.8	16
10	Tender and swollen joint counts are poorly associated with disability in chikungunya arthritis compared to rheumatoid arthritis. <i>Scientific Reports</i> , 2021, 11, 18578.	3.3	3
11	Chronic Joint Pain 3 Years after Chikungunya Virus Infection Largely Characterized by Relapsing-remitting Symptoms. <i>Journal of Rheumatology</i> , 2020, 47, 1267-1274.	2.0	38
12	Restoring synovial homeostasis in rheumatoid arthritis by targeting fibroblast-like synoviocytes. <i>Nature Reviews Rheumatology</i> , 2020, 16, 316-333.	8.0	400
13	Persistent chikungunya arthritis in Roraima, Brazil. <i>Clinical Rheumatology</i> , 2020, 39, 2781-2787.	2.2	5
14	Synoviocyte-targeted therapy synergizes with TNF inhibition in arthritis reversal. <i>Science Advances</i> , 2020, 6, eaba4353.	10.3	43
15	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.	14.5	760
16	PTPN14 phosphatase and YAP promote TGF β 2 signalling in rheumatoid synoviocytes. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 600-609.	0.9	33
17	Toforant, 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. <i>Inflammation Research</i> , 2019, 68, 261-274.	4.0	9
18	Joint Location-Specific JAK-STAT Signaling in Rheumatoid Arthritis Fibroblast-Like Synoviocytes. <i>ACR Open Rheumatology</i> , 2019, 1, 640-648.	2.1	32

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19	Regulation and function of apoptosis signal-regulating kinase 1 in rheumatoid arthritis. <i>Biochemical Pharmacology</i> , 2018, 151, 282-290.	4.4	22
20	Rheumatoid arthritis. <i>Nature Reviews Disease Primers</i> , 2018, 4, 18001.	30.5	1,441
21	Chikungunya Arthritis Mechanisms in the Americas. <i>Arthritis and Rheumatology</i> , 2018, 70, 585-593.	5.6	63
22	Frequency of Chronic Joint Pain Following Chikungunya Virus Infection. <i>Arthritis and Rheumatology</i> , 2018, 70, 578-584.	5.6	62
23	Epigenetics of inflammatory arthritis. <i>Current Opinion in Rheumatology</i> , 2018, 30, 188-196.	4.3	61
24	The Cytokine Profile in Acute Chikungunya Infection is Predictive of Chronic Arthritis 20 Months Post Infection. <i>Diseases (Basel, Switzerland)</i> , 2018, 6, 95.	2.5	20
25	Comprehensive epigenetic landscape of rheumatoid arthritis fibroblast-like synoviocytes. <i>Nature Communications</i> , 2018, 9, 1921.	12.8	119
26	Hexokinase 2 as a novel selective metabolic target for rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1636-1643.	0.9	123
27	Methods for high-dimensional analysis of cells dissociated from cryopreserved synovial tissue. <i>Arthritis Research and Therapy</i> , 2018, 20, 139.	3.5	93
28	PATHOGENESIS OF RHEUMATOID ARTHRITIS: THE INTERSECTION OF GENETICS AND EPIGENETICS. <i>Transactions of the American Clinical and Climatological Association</i> , 2018, 129, 171-182.	0.5	15
29	Distinct ON/OFF fluorescence signals from dual-responsive activatable nanoprobe allows detection of inflammation with improved contrast. <i>Biomaterials</i> , 2017, 133, 119-131.	11.4	28
30	Epigenetic alterations in rheumatoid arthritis fibroblast-like synoviocytes. <i>Epigenomics</i> , 2017, 9, 479-492.	2.1	59
31	PUMA gene delivery to synoviocytes reduces inflammation and degeneration of arthritic joints. <i>Nature Communications</i> , 2017, 8, 146.	12.8	26
32	Regulation of the Cell Cycle and Inflammatory Arthritis by the Transcription Cofactor <i>LBH</i> Gene. <i>Journal of Immunology</i> , 2017, 199, 2316-2322.	0.8	31
33	Rheumatoid Arthritis Naive T Cells Share Hypermethylation Sites With Synoviocytes. <i>Arthritis and Rheumatology</i> , 2017, 69, 550-559.	5.6	50
34	A multisite study of performance drivers among institutional review boards. <i>Journal of Clinical and Translational Science</i> , 2017, 1, 192-197.	0.6	9
35	Histamine and Histamine H4 Receptor Promotes Osteoclastogenesis in Rheumatoid Arthritis. <i>Scientific Reports</i> , 2017, 7, 1197.	3.3	27
36	<i>Synovium</i> , 2017, , 20-33.		6

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37	TGFÎ² responsive tyrosine phosphatase promotes rheumatoid synovial fibroblast invasiveness. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 295-302.	0.9	35
38	Joint-specific DNA methylation and transcriptome signatures in rheumatoid arthritis identify distinct pathogenic processes. <i>Nature Communications</i> , 2016, 7, 11849.	12.8	104
39	Metabolomics in rheumatic diseases: desperately seeking biomarkers. <i>Nature Reviews Rheumatology</i> , 2016, 12, 269-281.	8.0	128
40	Receptor Protein Tyrosine Phosphatase Î± Mediated Enhancement of Rheumatoid Synovial Fibroblast Signaling and Promotion of Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 359-369.	5.6	24
41	Gene Transcription Regulation by the Interplay of an Enhancer Risk Allele and DNA Methylation in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2016, 68, 2637-2645.	5.6	41
42	Computationally expanding Infinium HumanMethylation450 BeadChip array data to reveal distinct DNA methylation patterns of rheumatoid arthritis. <i>Bioinformatics</i> , 2016, 32, 1773-1778.	4.1	18
43	Abnormal PTPN11 enhancer methylation promotes rheumatoid arthritis fibroblast-like synoviocyte aggressiveness and joint inflammation. <i>JCI Insight</i> , 2016, 1, .	5.0	34
44	DNA Methylome Signature in Synoviocytes From Patients With Early Rheumatoid Arthritis Compared to Synoviocytes From Patients With Longstanding Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 1978-1980.	5.6	74
45	Integrative Omics Analysis of Rheumatoid Arthritis Identifies Non-Obvious Therapeutic Targets. <i>PLoS ONE</i> , 2015, 10, e0124254.	2.5	48
46	Targeting phosphatase-dependent proteoglycan switch for rheumatoid arthritis therapy. <i>Science Translational Medicine</i> , 2015, 7, 288ra76.	12.4	44
47	Anti-Inflammatory Effects and Joint Protection in Collagen-Induced Arthritis after Treatment with IQ-1S, a Selective c-Jun N-Terminal Kinase Inhibitor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 505-516.	2.5	44
48	The Rheumatoid Arthritis Risk Gene <i>LRP1</i> Regulates Growth in Fibroblast-like Synoviocytes. <i>Arthritis and Rheumatology</i> , 2015, 67, 1193-1202.	5.6	56
49	Ten years after: rheumatology research from bench to bedside. <i>Nature Reviews Rheumatology</i> , 2015, 11, 623-624.	8.0	2
50	Phosphoinositide 3-Kinase Î³ Regulates Migration and Invasion of Synoviocytes in Rheumatoid Arthritis. <i>Journal of Immunology</i> , 2014, 192, 2063-2070.	0.8	58
51	Differential regulation of anti-inflammatory genes by p38 MAP kinase and MAP kinase kinase 6. <i>Journal of Inflammation</i> , 2014, 11, 14.	3.4	12
52	An imprinted rheumatoid arthritis methylome signature reflects pathogenic phenotype. <i>Genome Medicine</i> , 2013, 5, 40.	8.2	99
53	Regulation of DNA Methylation in Rheumatoid Arthritis Synoviocytes. <i>Journal of Immunology</i> , 2013, 190, 1297-1303.	0.8	126
54	Duality of fibroblast-like synoviocytes in RA: passive responders and imprinted aggressors. <i>Nature Reviews Rheumatology</i> , 2013, 9, 24-33.	8.0	715

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55	Protein Tyrosine Phosphatase Expression Profile of Rheumatoid Arthritis Fibroblast-Like Synoviocytes: A Novel Role of SH2 Domain-Containing Phosphatase 2 as a Modulator of Invasion and Survival. <i>Arthritis and Rheumatism</i> , 2013, 65, 1171-1180.	6.7	43
56	DNA methylome signature in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 110-117.	0.9	283
57	Clinical features of patients with anti-neutrophil cytoplasmic autoantibodies targeting native myeloperoxidase antigen. <i>Modern Rheumatology</i> , 2013, 23, 963-971.	1.8	1
58	Pre-rheumatoid arthritis: predisposition and transition to clinical synovitis. <i>Nature Reviews Rheumatology</i> , 2012, 8, 573-586.	8.0	155
59	PI3 Kinase \hat{I} Is a Key Regulator of Synoviocyte Function in Rheumatoid Arthritis. <i>American Journal of Pathology</i> , 2012, 180, 1906-1916.	3.8	92
60	Antiinflammatory functions of p38 in mouse models of rheumatoid arthritis: Advantages of targeting upstream kinases MKK $\hat{3}$ or MKK $\hat{6}$. <i>Arthritis and Rheumatism</i> , 2012, 64, 2887-2895.	6.7	67
61	The JAK inhibitor CP-690,550 (tofacitinib) inhibits TNF-induced chemokine expression in fibroblast-like synoviocytes: autocrine role of type I interferon. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 440-447.	0.9	153
62	Fibroblast-Like synoviocytes: key effector cells in rheumatoid arthritis. <i>Immunological Reviews</i> , 2010, 233, 233-255.	6.0	1,515
63	Interactive Cytokine Regulation of Synoviocyte Lubricant Secretion. <i>Tissue Engineering - Part A</i> , 2010, 16, 1329-1337.	3.1	34
64	Role of MAPK Kinase 6 in Arthritis: Distinct Mechanism of Action in Inflammation and Cytokine Expression. <i>Journal of Immunology</i> , 2009, 183, 1360-1367.	0.8	39
65	Rheumatoid arthritis in a mouse?. <i>Nature Clinical Practice Rheumatology</i> , 2009, 5, 1-1.	3.2	18
66	BIOMEDICINE: Every Joint Has a Silver Lining. <i>Science</i> , 2007, 315, 952-953.	12.6	16
67	Acquisition, Culture, and Phenotyping of Synovial Fibroblasts. <i>Methods in Molecular Medicine</i> , 2007, 135, 365-375.	0.8	94
68	PUMA regulation and proapoptotic effects in fibroblast-like synoviocytes. <i>Arthritis and Rheumatism</i> , 2006, 54, 587-592.	6.7	58
69	Inhibiting Inflammation in Rheumatoid Arthritis. <i>New England Journal of Medicine</i> , 2006, 354, 80-82.	27.0	57
70	Pathogenesis of rheumatoid arthritis: how early is early?. <i>Arthritis Research and Therapy</i> , 2005, 7, 157.	3.5	27
71	p53 tumor suppressor gene mutations in fibroblast-like synoviocytes from erosion synovium and non-erosion synovium in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2005, 7, R12.	3.5	45
72	Common mechanisms in immune-mediated inflammatory disease. <i>Journal of rheumatology Supplement</i> , The, 2005, 73, 8-13; discussion 29-30.	2.2	15

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73	NF- κ B: Holy Grail for rheumatoid arthritis?. <i>Arthritis and Rheumatism</i> , 2004, 50, 2381-2386.	6.7	82
74	The T cell cometh: interplay between adaptive immunity and cytokine networks in rheumatoid arthritis. <i>Journal of Clinical Investigation</i> , 2004, 114, 471-474.	8.2	76
75	Evolving concepts of rheumatoid arthritis. <i>Nature</i> , 2003, 423, 356-361.	27.8	3,056
76	IL-6 and Matrix Metalloproteinase-1 Are Regulated by the Cyclin-Dependent Kinase Inhibitor p21 in Synovial Fibroblasts. <i>Journal of Immunology</i> , 2003, 170, 838-845.	0.8	91
77	How important are T cells in chronic rheumatoid synovitis?: II. T cell-independent mechanisms from beginning to end. <i>Arthritis and Rheumatism</i> , 2002, 46, 298-308.	6.7	194
78	Suppressed DNA Repair Mechanisms in Rheumatoid Arthritis. <i>Immune Network</i> , 2002, 2, 208.	3.6	0
79	Invasiveness of synovial fibroblasts is regulated by p53 in the SCID mouse in vivo model of cartilage invasion. <i>Arthritis and Rheumatism</i> , 2001, 44, 676-681.	6.7	107
80	Fibroblast-like synoviocytes support B-cell pseudoemperipolesis via a stromal cell-derived factor-1 and CD106 (VCAM-1)-dependent mechanism. <i>Journal of Clinical Investigation</i> , 2001, 107, 305-315.	8.2	156
81	Modulation of fibroblast-mediated cartilage degradation by articular chondrocytes in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2000, 43, 2531-2536.	6.7	72
82	Rheumatoid arthritis and p53: how oxidative stress might alter the course of inflammatory diseases. <i>Trends in Immunology</i> , 2000, 21, 78-82.	7.5	237
83	Signal transduction and transcription factors in rheumatic disease. <i>Arthritis and Rheumatism</i> , 1999, 42, 609-621.	6.7	178
84	P53 overexpression in synovial tissue from patients with early and longstanding rheumatoid arthritis compared with patients with reactive arthritis and osteoarthritis. <i>Arthritis and Rheumatism</i> , 1999, 42, 948-953.	6.7	93
85	Dominant-negative p53 mutations in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1999, 42, 1088-1092.	6.7	91
86	Prostaglandins increase proMMP-1 and proMMP-3 secretion by human ciliary smooth muscle cells. <i>Current Eye Research</i> , 1996, 15, 869-875.	1.5	138
87	Anti-inflammatory effects of adenosine kinase inhibitors in acute and chronic inflammation. <i>Drug Development Research</i> , 1996, 39, 371-376.	2.9	37
88	Invasive fibroblast-like synoviocytes in rheumatoid arthritis. Passive responders or transformed aggressors?. <i>Arthritis and Rheumatism</i> , 1996, 39, 1781-1790.	6.7	551
89	Mechanisms of Methotrexate Action in Rheumatoid Arthritis. <i>Arthritis and Rheumatism</i> , 1994, 37, 193-200.	6.7	96
90	Gene Expression (Collagenase, Tissue Inhibitor of Metalloproteinases, Complement, and HLA-DR) in Rheumatoid Arthritis and Osteoarthritis Synovium. Quantitative Analysis and Effect of Intraarticular Corticosteroids. <i>Arthritis and Rheumatism</i> , 1991, 34, 1094-1105.	6.7	247

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91	Apoptosis in Rheumatoid Arthritis. , 0, , 169-186.		0