

Marcus R Clark

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,381
citations

186265

28
h-index

182427

51
g-index

62
all docs

62
docs citations

62
times ranked

4513
citing authors

#	ARTICLE	IF	CITATIONS
1	Positive and negative selection shape the human naive B cell repertoire. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	14
2	Specific in situ inflammatory states associate with progression to renal failure in lupus nephritis. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	21
3	Compartments and Connections Within the Germinal Center. <i>Frontiers in Immunology</i> , 2021, 12, 659151.	4.8	8
4	Innate-like self-reactive B cells infiltrate human renal allografts during transplant rejection. <i>Nature Communications</i> , 2021, 12, 4372.	12.8	34
5	Artificial Intelligence and Cellular Segmentation in Tissue Microscopy Images. <i>American Journal of Pathology</i> , 2021, 191, 1693-1701.	3.8	30
6	Quantifying the effects of biopsy fixation and staining panel design on automatic instance segmentation of immune cells in human lupus nephritis. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	7
7	Cellular aspects of the pathogenesis of lupus nephritis. <i>Current Opinion in Rheumatology</i> , 2021, 33, 197-204.	4.3	28
8	Machine Learning to Quantify In Situ Humoral Selection in Human Lupus Tubulointerstitial Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 593177.	4.8	4
9	Control of Early B Cell Development by the RNA N6-Methyladenosine Methylation. <i>Cell Reports</i> , 2020, 31, 107819.	6.4	77
10	Antibodies in cerebral cavernous malformations react with cytoskeleton autoantigens in the lesional milieu. <i>Journal of Autoimmunity</i> , 2020, 113, 102469.	6.5	4
11	Anti-vimentin antibodies: a unique antibody class associated with therapy-resistant lupus nephritis. <i>Lupus</i> , 2020, 29, 569-577.	1.6	15
12	Kidney tissue hypoxia dictates T cell-mediated injury in murine lupus nephritis. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	51
13	Novel specialized cell state and spatial compartments within the germinal center. <i>Nature Immunology</i> , 2020, 21, 660-670.	14.5	60
14	B-1a cells acquire their unique characteristics by bypassing the pre-BCR selection stage. <i>Nature Communications</i> , 2019, 10, 4768.	12.8	49
15	CXCR4 signaling directs Igk recombination and the molecular mechanisms of late B lymphopoiesis. <i>Nature Immunology</i> , 2019, 20, 1393-1403.	14.5	47
16	Transcription factories in Ig λ allelic choice and diversity. <i>Advances in Immunology</i> , 2019, 141, 33-49.	2.2	5
17	Quantifying in situ adaptive immune cell cognate interactions in humans. <i>Nature Immunology</i> , 2019, 20, 503-513.	14.5	26
18	BRWD1 orchestrates epigenetic landscape of late B lymphopoiesis. <i>Nature Communications</i> , 2018, 9, 3888.	12.8	24

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19	Regulated Capture of V \hat{I} ⁹ Gene Topologically Associating Domains by Transcription Factories. <i>Cell Reports</i> , 2018, 24, 2443-2456.	6.4	16
20	In Situ Humoral Immunity to Vimentin in HLA-DRB1*03+ Patients With Pulmonary Sarcoidosis. <i>Frontiers in Immunology</i> , 2018, 9, 1516.	4.8	68
21	PI3K \hat{I} : Too much of a good thing. <i>Nature Immunology</i> , 2018, 19, 910-911.	14.5	0
22	Ig \hat{I} ² ubiquitination activates PI3K signals required for endosomal sorting. <i>Journal of Experimental Medicine</i> , 2017, 214, 3775-3790.	8.5	9
23	Bcl \hat{I} ² as a Therapeutic Target in Human Tubulointerstitial Inflammation. <i>Arthritis and Rheumatology</i> , 2016, 68, 2740-2751.	5.6	22
24	Self-reactive IgE exacerbates interferon responses associated with autoimmunity. <i>Nature Immunology</i> , 2016, 17, 196-203.	14.5	130
25	RAG Represents a Widespread Threat to the Lymphocyte Genome. <i>Cell</i> , 2015, 162, 751-765.	28.9	98
26	Histone reader BRWD1 targets and restricts recombination to the Igk locus. <i>Nature Immunology</i> , 2015, 16, 1094-1103.	14.5	37
27	The Pathogenesis and Therapeutic Implications of Tubulointerstitial Inflammation in Human Lupus Nephritis. <i>Seminars in Nephrology</i> , 2015, 35, 455-464.	1.6	75
28	Balancing Proliferation with Ig \hat{I} ² Recombination during B-lymphopoiesis. <i>Frontiers in Immunology</i> , 2014, 5, 139.	4.8	15
29	Vimentin Is a Dominant Target of In Situ Humoral Immunity in Human Lupus Tubulointerstitial Nephritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 3359-3370.	5.6	82
30	Cell Distance Mapping Identifies Functional T Follicular Helper Cells in Inflamed Human Renal Tissue. <i>Science Translational Medicine</i> , 2014, 6, 230ra46.	12.4	162
31	Orchestrating B cell lymphopoiesis through interplay of IL-7 receptor and pre-B cell receptor signalling. <i>Nature Reviews Immunology</i> , 2014, 14, 69-80.	22.7	252
32	Recruitment of Cbl-b to B Cell Antigen Receptor Couples Antigen Recognition to Toll-Like Receptor 9 Activation in Late Endosomes. <i>PLoS ONE</i> , 2014, 9, e89792.	2.5	16
33	A self-reinforcing regulatory network triggered by limiting IL-7 activates pre-BCR signaling and differentiation. <i>Nature Immunology</i> , 2012, 13, 300-307.	14.5	141
34	Epigenetic repression of the Igk locus by STAT5-mediated recruitment of the histone methyltransferase Ezh2. <i>Nature Immunology</i> , 2011, 12, 1212-1220.	14.5	169
35	Receptors, subcellular compartments and the regulation of peripheral B cell responses: The illuminating state of anergy. <i>Molecular Immunology</i> , 2011, 48, 1281-1286.	2.2	22
36	Predicting outcomes of lupus nephritis with tubulointerstitial inflammation and scarring. <i>Arthritis Care and Research</i> , 2011, 63, 865-874.	3.4	240

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37	In Situ B Cell-Mediated Immune Responses and Tubulointerstitial Inflammation in Human Lupus Nephritis. <i>Journal of Immunology</i> , 2011, 186, 1849-1860.	0.8	291
38	Ikaros and Aiolos Inhibit Pre-B-Cell Proliferation by Directly Suppressing c-Myc Expression. <i>Molecular and Cellular Biology</i> , 2010, 30, 4149-4158.	2.3	124
39	Endocytic sequestration of the B cell antigen receptor and toll-like receptor 9 in anergic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6262-6267.	7.1	51
40	Ras orchestrates exit from the cell cycle and light-chain recombination during early B cell development. <i>Nature Immunology</i> , 2009, 10, 1110-1117.	14.5	108
41	Ubiquitinylation of Ig $\hat{1}^2$ Dictates the Endocytic Fate of the B Cell Antigen Receptor. <i>Journal of Immunology</i> , 2007, 179, 4435-4443.	0.8	56
42	HS1 Functions as an Essential Actin-Regulatory Adaptor Protein at the Immune Synapse. <i>Immunity</i> , 2006, 24, 741-752.	14.3	203
43	B Cell Antigen Receptor Signaling and Internalization Are Mutually Exclusive Events. <i>PLoS Biology</i> , 2006, 4, e200.	5.6	81
44	A unique function for cyclin D3 in early B cell development. <i>Nature Immunology</i> , 2006, 7, 489-497.	14.5	114
45	Proximal B cell receptor signaling pathways. <i>Signal Transduction</i> , 2004, 4, 173-194.	0.4	10
46	B-cell antigen receptor signaling requirements for targeting antigen to the MHC class II presentation pathway. <i>Current Opinion in Immunology</i> , 2004, 16, 382-387.	5.5	56
47	Molecular Mechanisms of B Cell Antigen Receptor Trafficking. <i>Annals of the New York Academy of Sciences</i> , 2003, 987, 26-37.	3.8	35
48	The Direct Recruitment of BLNK to Immunoglobulin $\hat{1}\pm$ Couples the B-Cell Antigen Receptor to Distal Signaling Pathways. <i>Molecular and Cellular Biology</i> , 2002, 22, 2524-2535.	2.3	120
49	Cooperative interaction of Ig \hat{A} and Ig \hat{A} of the BCR regulates the kinetics and specificity of antigen targeting. <i>International Immunology</i> , 2002, 14, 1179-1191.	4.0	12
50	Cooperative interaction of Ig(alpha) and Ig(beta) of the BCR regulates the kinetics and specificity of antigen targeting. <i>International Immunology</i> , 2002, 14, 1179-91.	4.0	5
51	Cooperativity and Segregation of Function within the Ig- $\hat{1}\pm/\hat{1}^2$ Heterodimer of the B Cell Antigen Receptor Complex. <i>Journal of Biological Chemistry</i> , 1996, 271, 5158-5163.	3.4	43
52	The B cell antigen receptor complex: Mechanisms and implications of tyrosine kinase activation. <i>Immunologic Research</i> , 1994, 13, 299-310.	2.9	12