

Jason G Cyster

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

20,416
citations

63
h-index

105
g-index

105
ext. papers

23,692
ext. citations

21.9
avg, IF

7.04
L-index

#	Paper	IF	Citations
101	GPR35 promotes neutrophil recruitment in response to serotonin metabolite 5-HIAA.. <i>Cell</i> , 2022 ,	56.2	6
100	CD97 promotes spleen dendritic cell homeostasis through the mechanosensing of red blood cells.. <i>Science</i> , 2022 , 375, eabi5965	33.3	5
99	Chemo- and mechanosensing by dendritic cells facilitate antigen surveillance in the spleen.. <i>Immunological Reviews</i> , 2022 , 306, 25-42	11.3	2
98	P2RY8 variants in lupus patients uncover a role for the receptor in immunological tolerance. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	4
97	Structure of S1PR2-heterotrimeric G signaling complex.. <i>Science Advances</i> , 2022 , 8, eabn0067	14.3	0
96	Lymph node-resident dendritic cells drive T2 cell development involving MARCH1. <i>Science Immunology</i> , 2021 , 6, eabh0707	28	2
95	Follicular dendritic cells restrict interleukin-4 availability in germinal centers and foster memory B cell generation. <i>Immunity</i> , 2021 , 54, 2256-2272.e6	32.3	5
94	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	2
93	Long COVID in the skin: a registry analysis of COVID-19 dermatological duration. <i>Lancet Infectious Diseases</i> , 2021 , 21, 313-314	25.5	36
92	Transcriptional regulation of memory B cell differentiation. <i>Nature Reviews Immunology</i> , 2021 , 21, 209-220	36.5	41
91	Marginal zone SIGN-R1 macrophages are essential for the maturation of germinal center B cells in the spleen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 12295-12305	11.5	7
90	Organoid Polymer Functionality and Mode of Membrane Antigen Presentation Regulates Germinal Center Epigenetics in Young and Aged B Cells. <i>Advanced Functional Materials</i> , 2020 , 30, 2001232	15.6	11
89	T follicular helper cells in germinal center B cell selection and lymphomagenesis. <i>Immunological Reviews</i> , 2020 , 296, 48-61	11.3	27
88	The transcription factor Hhex cooperates with the corepressor Tle3 to promote memory B cell development. <i>Nature Immunology</i> , 2020 , 21, 1082-1093	19.1	42
87	Requirements for cDC2 positioning in blood-exposed regions of the neonatal and adult spleen. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	2
86	Sphingosine-1-phosphate receptor 2 restrains egress of $\gamma\delta$ T cells from the skin. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1487-1496	16.6	12
85	The HVEM-BTLA Axis Restrains T Cell Help to Germinal Center B Cells and Functions as a Cell-Extrinsic Suppressor in Lymphomagenesis. <i>Immunity</i> , 2019 , 51, 310-323.e7	32.3	41

84	B Cell Responses: Cell Interaction Dynamics and Decisions. <i>Cell</i> , 2019 , 177, 524-540	56.2	245
83	S-Geranylgeranyl-L-glutathione is a ligand for human B cell-confinement receptor P2RY8. <i>Nature</i> , 2019 , 567, 244-248	50.4	34
82	G-protein coupled receptors and ligands that organize humoral immune responses. <i>Immunological Reviews</i> , 2019 , 289, 158-172	11.3	30
81	Atypical chemokine receptor 4 shapes activated B cell fate. <i>Journal of Experimental Medicine</i> , 2018 , 215, 801-813	16.6	13
80	G-Protein Coupled Receptor 18 Contributes to Establishment of the CD8 Effector T Cell Compartment. <i>Frontiers in Immunology</i> , 2018 , 9, 660	8.4	9
79	Single-Cell RNA Sequencing of Lymph Node Stromal Cells Reveals Niche-Associated Heterogeneity. <i>Immunity</i> , 2018 , 48, 1014-1028.e6	32.3	196
78	Critical role of integrin CD11c in splenic dendritic cell capture of missing-self CD47 cells to induce adaptive immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6786-6791	11.5	32
77	The Eph-related tyrosine kinase ligand Ephrin-B1 marks germinal center and memory precursor B cells. <i>Journal of Experimental Medicine</i> , 2017 , 214, 639-649	16.6	64
76	Germinal centers: programmed for affinity maturation and antibody diversification. <i>Current Opinion in Immunology</i> , 2017 , 45, 21-30	7.8	110
75	Distinct oxysterol requirements for positioning naïve and activated dendritic cells in the spleen. <i>Science Immunology</i> , 2017 , 2,	28	51
74	GPR55 regulates intraepithelial lymphocyte migration dynamics and susceptibility to intestinal damage. <i>Science Immunology</i> , 2017 , 2,	28	27
73	Perivascular Fibroblasts of the Developing Spleen Act as LT α -Dependent Precursors of Both T and B Zone Organizer Cells. <i>Cell Reports</i> , 2017 , 21, 2500-2514	10.6	17
72	Interferon γ with antibody responses. <i>Science Immunology</i> , 2016 , 1,	28	5
71	Migratory and adhesive cues controlling innate-like lymphocyte surveillance of the pathogen-exposed surface of the lymph node. <i>ELife</i> , 2016 , 5,	8.9	48
70	Peyer's patches: organizing B-cell responses at the intestinal frontier. <i>Immunological Reviews</i> , 2016 , 271, 230-45	11.3	141
69	EBI2 augments Tfh cell fate by promoting interaction with IL-2-queching dendritic cells. <i>Nature</i> , 2016 , 533, 110-4	50.4	164
68	IgA production requires B cell interaction with subepithelial dendritic cells in Peyer's patches. <i>Science</i> , 2016 , 352, aaf4822	33.3	168
67	Ubiquitin-mediated fluctuations in MHC class II facilitate efficient germinal center B cell responses. <i>Journal of Experimental Medicine</i> , 2016 , 213, 993-1009	16.6	56

66	Inflammation induces dermal V α 4 ⁺ T β 17 memory-like cells that travel to distant skin and accelerate secondary IL-17-driven responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8046-51	11.5	132
65	Phenotypic and Morphological Properties of Germinal Center Dark Zone Cxcl12-Expressing Reticular Cells. <i>Journal of Immunology</i> , 2015 , 195, 4781-91	5.3	76
64	Splenic Dendritic Cells Survey Red Blood Cells for Missing Self-CD47 to Trigger Adaptive Immune Responses. <i>Immunity</i> , 2015 , 43, 764-75	32.3	72
63	The G protein-coupled receptor P2RY8 and follicular dendritic cells promote germinal center confinement of B cells, whereas S1PR3 can contribute to their dissemination. <i>Journal of Experimental Medicine</i> , 2015 , 212, 2213-22	16.6	35
62	Blood, sphingosine-1-phosphate and lymphocyte migration dynamics in the spleen. <i>Current Topics in Microbiology and Immunology</i> , 2014 , 378, 107-28	3.3	23
61	CXCR4 and a cell-extrinsic mechanism control immature B lymphocyte egress from bone marrow. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2567-81	16.6	81
60	GPR18 is required for a normal CD8 α intestinal intraepithelial lymphocyte compartment. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2351-9	16.6	48
59	25-Hydroxycholesterols in innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2014 , 14, 731-43	36.5	208
58	Sphingosine-1-phosphate receptor 2 is critical for follicular helper T cell retention in germinal centers. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1297-305	16.6	84
57	Integrin-mediated interactions between B cells and follicular dendritic cells influence germinal center B cell fitness. <i>Journal of Immunology</i> , 2014 , 192, 4601-9	5.3	37
56	Loss of signalling via G α 13 in germinal centre B-cell-derived lymphoma. <i>Nature</i> , 2014 , 516, 254-8	50.4	192
55	Deficiency in IL-17-committed V β 4(+) ^{hi} T β cells in a spontaneous Sox13-mutant CD45.1(+) congenic mouse substrain provides protection from dermatitis. <i>Nature Immunology</i> , 2013 , 14, 584-92	19.1	145
54	Visualization of splenic marginal zone B-cell shuttling and follicular B-cell egress. <i>Nature</i> , 2013 , 493, 684-8	30.4	151
53	Germinal center centroblasts transition to a centrocyte phenotype according to a timed program and depend on the dark zone for effective selection. <i>Immunity</i> , 2013 , 39, 912-24	32.3	171
52	CXCR4 promotes B cell egress from Peyer's patches. <i>Journal of Experimental Medicine</i> , 2013 , 210, 1099-1107	10.6	57
51	EBI2-mediated bridging channel positioning supports splenic dendritic cell homeostasis and particulate antigen capture. <i>ELife</i> , 2013 , 2, e00757	8.9	108
50	S1PR2 links germinal center confinement and growth regulation. <i>Immunological Reviews</i> , 2012 , 247, 36-51	11.3	56
49	Oxysterol gradient generation by lymphoid stromal cells guides activated B cell movement during humoral responses. <i>Immunity</i> , 2012 , 37, 535-48	32.3	136

48	Subcapsular sinus macrophage fragmentation and CD169+ bleb acquisition by closely associated IL-17-committed innate-like lymphocytes. <i>PLoS ONE</i> , 2012 , 7, e38258	3.7	66
47	Oxysterols direct immune cell migration via EBI2. <i>Nature</i> , 2011 , 475, 524-7	50.4	302
46	Cutting edge: Identification of a motile IL-17-producing gammadelta T cell population in the dermis. <i>Journal of Immunology</i> , 2011 , 186, 6091-5	5.3	214
45	The sphingosine 1-phosphate receptor S1P ₁ maintains the homeostasis of germinal center B cells and promotes niche confinement. <i>Nature Immunology</i> , 2011 , 12, 672-80	19.1	184
44	GRK2-dependent S1PR1 desensitization is required for lymphocytes to overcome their attraction to blood. <i>Science</i> , 2011 , 333, 1898-903	33.3	143
43	Cannabinoid receptor 2 positions and retains marginal zone B cells within the splenic marginal zone. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1941-8	16.6	57
42	EBI2 guides serial movements of activated B cells and ligand activity is detectable in lymphoid and nonlymphoid tissues. <i>Journal of Immunology</i> , 2011 , 187, 3026-32	5.3	76
41	B cell follicles and antigen encounters of the third kind. <i>Nature Immunology</i> , 2010 , 11, 989-96	19.1	225
40	A role for S1P and S1P1 in immature-B cell egress from mouse bone marrow. <i>PLoS ONE</i> , 2010 , 5, e9277	3.7	75
39	Lymphatic endothelial cell sphingosine kinase activity is required for lymphocyte egress and lymphatic patterning. <i>Journal of Experimental Medicine</i> , 2010 , 207, 17-27	16.6	338
38	Finding the right niche: B-cell migration in the early phases of T-dependent antibody responses. <i>International Immunology</i> , 2010 , 22, 413-9	4.9	169
37	CD69 suppresses sphingosine 1-phosphate receptor-1 (S1P1) function through interaction with membrane helix 4. <i>Journal of Biological Chemistry</i> , 2010 , 285, 22328-37	5.4	199
36	Lymph node cortical sinus organization and relationship to lymphocyte egress dynamics and antigen exposure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 20447-52	11.5	119
35	Shining a light on germinal center B cells. <i>Cell</i> , 2010 , 143, 503-5	56.2	13
34	Visualizing B cell capture of cognate antigen from follicular dendritic cells. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1485-93	16.6	199
33	The microanatomy of B cell activation. <i>Current Opinion in Immunology</i> , 2009 , 21, 258-65	7.8	46
32	EBI2 mediates B cell segregation between the outer and centre follicle. <i>Nature</i> , 2009 , 460, 1122-6	50.4	254
31	Cortical sinus probing, S1P1-dependent entry and flow-based capture of egressing T cells. <i>Nature Immunology</i> , 2009 , 10, 58-65	19.1	161

30	Cannabinoid receptor 2 mediates the retention of immature B cells in bone marrow sinusoids. <i>Nature Immunology</i> , 2009 , 10, 403-11	19.1	163
29	Immune complex relay by subcapsular sinus macrophages and noncognate B cells drives antibody affinity maturation. <i>Nature Immunology</i> , 2009 , 10, 786-93	19.1	295
28	Follicular shuttling of marginal zone B cells facilitates antigen transport. <i>Nature Immunology</i> , 2008 , 9, 54-62	19.1	391
27	S1P1 receptor signaling overrides retention mediated by G alpha i-coupled receptors to promote T cell egress. <i>Immunity</i> , 2008 , 28, 122-33	32.3	329
26	Follicular dendritic cell networks of primary follicles and germinal centers: phenotype and function. <i>Seminars in Immunology</i> , 2008 , 20, 14-25	10.7	300
25	Imaging of germinal center selection events during affinity maturation. <i>Science</i> , 2007 , 315, 528-31	33.3	601
24	Promotion of lymphocyte egress into blood and lymph by distinct sources of sphingosine-1-phosphate. <i>Science</i> , 2007 , 316, 295-8	33.3	732
23	Subcapsular encounter and complement-dependent transport of immune complexes by lymph node B cells. <i>Nature Immunology</i> , 2007 , 8, 992-1000	19.1	478
22	Finding a way out: lymphocyte egress from lymphoid organs. <i>Nature Immunology</i> , 2007 , 8, 1295-301	19.1	470
21	Role of CXCR5 and CCR7 in follicular Th cell positioning and appearance of a programmed cell death gene-1-high germinal center-associated subpopulation. <i>Journal of Immunology</i> , 2007 , 179, 5099-108 ⁵	5.3	519
20	Germinal-center organization and cellular dynamics. <i>Immunity</i> , 2007 , 27, 190-202	32.3	673
19	Plasma cell S1P1 expression determines secondary lymphoid organ retention versus bone marrow tropism. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2683-90	16.6	148
18	Naive CD4 T cells constitutively express CD40L and augment autoreactive B cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10717-22	11.5	69
17	CD69 acts downstream of interferon-alpha/beta to inhibit S1P1 and lymphocyte egress from lymphoid organs. <i>Nature</i> , 2006 , 440, 540-4	50.4	826
16	Intrinsic lymphotoxin-beta receptor requirement for homeostasis of lymphoid tissue dendritic cells. <i>Immunity</i> , 2005 , 22, 439-50	32.3	259
15	Antigen-engaged B cells undergo chemotaxis toward the T zone and form motile conjugates with helper T cells. <i>PLoS Biology</i> , 2005 , 3, e150	9.7	430
14	Sphingosine 1-phosphate receptor 1 promotes B cell localization in the splenic marginal zone. <i>Nature Immunology</i> , 2004 , 5, 713-20	19.1	332
13	Germinal center dark and light zone organization is mediated by CXCR4 and CXCR5. <i>Nature Immunology</i> , 2004 , 5, 943-52	19.1	535

12	Dynamics of B Cell Migration to and within Secondary Lymphoid Organs 2004 , 203-221		2
11	Lymphocyte egress from thymus and peripheral lymphoid organs is dependent on S1P receptor 1. <i>Nature</i> , 2004 , 427, 355-60	50.4	2061
10	Homing of antibody secreting cells. <i>Immunological Reviews</i> , 2003 , 194, 48-60	11.3	170
9	Lymphoid organ development and cell migration. <i>Immunological Reviews</i> , 2003 , 195, 5-14	11.3	117
8	Balanced responsiveness to chemoattractants from adjacent zones determines B-cell position. <i>Nature</i> , 2002 , 416, 94-9	50.4	455
7	Integrin-mediated long-term B cell retention in the splenic marginal zone. <i>Science</i> , 2002 , 297, 409-12	33.3	316
6	Chemokines as regulators of T cell differentiation. <i>Nature Immunology</i> , 2001 , 2, 102-7	19.1	564
5	A coordinated change in chemokine responsiveness guides plasma cell movements. <i>Journal of Experimental Medicine</i> , 2001 , 194, 45-56	16.6	512
4	Splenic T zone development is B cell dependent. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1649-60	16.6	209
3	A transmembrane CXC chemokine is a ligand for HIV-coreceptor Bonzo. <i>Nature Immunology</i> , 2000 , 1, 298-304	19.1	517
2	A chemokine-driven positive feedback loop organizes lymphoid follicles. <i>Nature</i> , 2000 , 406, 309-14	50.4	983
1	A B-cell-homing chemokine made in lymphoid follicles activates Burkitt's lymphoma receptor-1. <i>Nature</i> , 1998 , 391, 799-803	50.4	653