

Jason G Cyster

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

25,575
citations

11639

70
h-index

30894

102
g-index

105
all docs

105
docs citations

105
times ranked

22294
citing authors

#	ARTICLE	IF	CITATIONS
1	GPR35 promotes neutrophil recruitment in response to serotonin metabolite 5-HIAA. <i>Cell</i> , 2022, 185, 815-830.e19.	13.5	52
2	CD97 promotes spleen dendritic cell homeostasis through the mechanosensing of red blood cells. <i>Science</i> , 2022, 375, eabi5965.	6.0	42
3	Chemo- and mechanosensing by dendritic cells facilitate antigen surveillance in the spleen*. <i>Immunological Reviews</i> , 2022, 306, 25-42.	2.8	12
4	P2RY8 variants in lupus patients uncover a role for the receptor in immunological tolerance. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	26
5	Structure of S1PR2 heterotrimeric G ₁₃ signaling complex. <i>Science Advances</i> , 2022, 8, eabn0067.	4.7	24
6	GPR174 signals via G ₁₃ to control a CD86-containing gene expression program in B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	9
7	Transcriptional regulation of memory B cell differentiation. <i>Nature Reviews Immunology</i> , 2021, 21, 209-220.	10.6	159
8	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	6
9	Long COVID in the skin: a registry analysis of COVID-19 dermatological duration. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 313-314.	4.6	90
10	Abcc1 and Ggt5 support lymphocyte guidance through export and catabolism of S-geranylgeranyl- <i>l</i> -glutathione. <i>Science Immunology</i> , 2021, 6, .	5.6	5
11	Lymph node resident dendritic cells drive T _H 2 cell development involving MARCH1. <i>Science Immunology</i> , 2021, 6, eabh0707.	5.6	10
12	Follicular dendritic cells restrict interleukin-4 availability in germinal centers and foster memory B cell generation. <i>Immunity</i> , 2021, 54, 2256-2272.e6.	6.6	53
13	Requirements for cDC2 positioning in blood-exposed regions of the neonatal and adult spleen. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	8
14	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.	3.3	17
15	Organoid Polymer Functionality and Mode of <i>Klebsiella pneumoniae</i> Membrane Antigen Presentation Regulates Ex Vivo Germinal Center Epigenetics in Young and Aged B Cells. <i>Advanced Functional Materials</i> , 2020, 30, 2001232.	7.8	19
16	T follicular helper cells in germinal center B cell selection and lymphomagenesis. <i>Immunological Reviews</i> , 2020, 296, 48-61.	2.8	90
17	The transcription factor Hhex cooperates with the corepressor Tle3 to promote memory B cell development. <i>Nature Immunology</i> , 2020, 21, 1082-1093.	7.0	100
18	Sphingosine-1-phosphate receptor 2 restrains egress of $\hat{3}$ T cells from the skin. <i>Journal of Experimental Medicine</i> , 2019, 216, 1487-1496.	4.2	26

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19	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.	6.6	74
20	B Cell Responses: Cell Interaction Dynamics and Decisions. <i>Cell</i> , 2019, 177, 524-540.	13.5	540
21	S-Geranylgeranyl-l-glutathione is a ligand for human B cell-confinement receptor P2RY8. <i>Nature</i> , 2019, 567, 244-248.	13.7	59
22	Gα _s protein coupled receptors and ligands that organize humoral immune responses. <i>Immunological Reviews</i> , 2019, 289, 158-172.	2.8	57
23	Atypical chemokine receptor 4 shapes activated B cell fate. <i>Journal of Experimental Medicine</i> , 2018, 215, 801-813.	4.2	18
24	G-Protein Coupled Receptor 18 Contributes to Establishment of the CD8 Effector T Cell Compartment. <i>Frontiers in Immunology</i> , 2018, 9, 660.	2.2	22
25	Single-Cell RNA Sequencing of Lymph Node Stromal Cells Reveals Niche-Associated Heterogeneity. <i>Immunity</i> , 2018, 48, 1014-1028.e6.	6.6	339
26	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.	3.3	68
27	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.	4.2	105
28	Germinal centers: programmed for affinity maturation and antibody diversification. <i>Current Opinion in Immunology</i> , 2017, 45, 21-30.	2.4	178
29	Distinct oxysterol requirements for positioning na ⁺ and activated dendritic cells in the spleen. <i>Science Immunology</i> , 2017, 2, .	5.6	84
30	GPR55 regulates intraepithelial lymphocyte migration dynamics and susceptibility to intestinal damage. <i>Science Immunology</i> , 2017, 2, .	5.6	59
31	Perivascular Fibroblasts of the Developing Spleen Act as LT β -Dependent Precursors of Both T and B Zone Organizer Cells. <i>Cell Reports</i> , 2017, 21, 2500-2514.	2.9	26
32	Peyer's patches: organizing B α cell responses at the intestinal frontier. <i>Immunological Reviews</i> , 2016, 271, 230-245.	2.8	224
33	EBI2 augments Tfh cell fate by promoting interaction with IL-2-queenching dendritic cells. <i>Nature</i> , 2016, 533, 110-114.	13.7	256
34	IgA production requires B cell interaction with subepithelial dendritic cells in Peyer's patches. <i>Science</i> , 2016, 352, aaf4822.	6.0	242
35	Ubiquitin-mediated fluctuations in MHC class II facilitate efficient germinal center B cell responses. <i>Journal of Experimental Medicine</i> , 2016, 213, 993-1009.	4.2	65
36	Interferon with antibody responses. <i>Science Immunology</i> , 2016, 1, .	5.6	5

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37	Migratory and adhesive cues controlling innate-like lymphocyte surveillance of the pathogen-exposed surface of the lymph node. <i>ELife</i> , 2016, 5, .	2.8	79
38	Inflammation induces dermal $\text{V}\beta^4$ $\text{I}\beta^1\text{T}17$ 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, 8046-8051.	3.3	176
39	Phenotypic and Morphological Properties of Germinal Center Dark Zone <i>Cxcl12</i> -Expressing Reticular Cells. <i>Journal of Immunology</i> , 2015, 195, 4781-4791.	0.4	109
40	Splenic Dendritic Cells Survey Red Blood Cells for Missing Self-CD47 to Trigger Adaptive Immune Responses. <i>Immunity</i> , 2015, 43, 764-775.	6.6	101
41	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, 2213-2222.	4.2	49
42	Loss of signalling via $\text{G}\beta 13$ in germinal centre B-cell-derived lymphoma. <i>Nature</i> , 2014, 516, 254-258.	13.7	253
43	Blood, Sphingosine-1-Phosphate and Lymphocyte Migration Dynamics in the Spleen. <i>Current Topics in Microbiology and Immunology</i> , 2014, 378, 107-128.	0.7	28
44	CXCR4 and a cell-extrinsic mechanism control immature B lymphocyte egress from bone marrow. <i>Journal of Experimental Medicine</i> , 2014, 211, 2567-2581.	4.2	114
45	GPR18 is required for a normal $\text{CD}8\beta^+$ intestinal intraepithelial lymphocyte compartment. <i>Journal of Experimental Medicine</i> , 2014, 211, 2351-2359.	4.2	79
46	25-Hydroxycholesterols in innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2014, 14, 731-743.	10.6	296
47	Sphingosine-1-phosphate receptor 2 is critical for follicular helper T cell retention in germinal centers. <i>Journal of Experimental Medicine</i> , 2014, 211, 1297-1305.	4.2	110
48	Integrin-Mediated Interactions between B Cells and Follicular Dendritic Cells Influence Germinal Center B Cell Fitness. <i>Journal of Immunology</i> , 2014, 192, 4601-4609.	0.4	43
49	Deficiency in IL-17-committed $\text{V}\beta^4$ $\text{I}\beta^1\text{T}$ cells in a spontaneous <i>Sox13</i> -mutant $\text{CD}45.1$ + congenic mouse substrain provides protection from dermatitis. <i>Nature Immunology</i> , 2013, 14, 584-592.	7.0	188
50	Visualization of splenic marginal zone B-cell shuttling and follicular B-cell egress. <i>Nature</i> , 2013, 493, 684-688.	13.7	195
51	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, 912-924.	6.6	224
52	CXCR4 promotes B cell egress from Peyer's patches. <i>Journal of Experimental Medicine</i> , 2013, 210, 1099-1107.	4.2	67
53	EBI2-mediated bridging channel positioning supports splenic dendritic cell homeostasis and particulate antigen capture. <i>ELife</i> , 2013, 2, e00757.	2.8	130
54	Oxysterol Gradient Generation by Lymphoid Stromal Cells Guides Activated B Cell Movement during Humoral Responses. <i>Immunity</i> , 2012, 37, 535-548.	6.6	185

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55	Subcapsular Sinus Macrophage Fragmentation and CD169+ Bleb Acquisition by Closely Associated IL-17-Committed Innate-Like Lymphocytes. <i>PLoS ONE</i> , 2012, 7, e38258.	1.1	82
56	S1PR2 links germinal center confinement and growth regulation. <i>Immunological Reviews</i> , 2012, 247, 36-51.	2.8	83
57	Cutting Edge: Identification of a Motile IL-17-Producing $\gamma\delta$ T Cell Population in the Dermis. <i>Journal of Immunology</i> , 2011, 186, 6091-6095.	0.4	253
58	The sphingosine 1-phosphate receptor S1P2 maintains the homeostasis of germinal center B cells and promotes niche confinement. <i>Nature Immunology</i> , 2011, 12, 672-680.	7.0	229
59	Oxysterols direct immune cell migration via EBI2. <i>Nature</i> , 2011, 475, 524-527.	13.7	386
60	GRK2-Dependent S1PR1 Desensitization Is Required for Lymphocytes to Overcome Their Attraction to Blood. <i>Science</i> , 2011, 333, 1898-1903.	6.0	178
61	Cannabinoid receptor 2 positions and retains marginal zone B cells within the splenic marginal zone. <i>Journal of Experimental Medicine</i> , 2011, 208, 1941-1948.	4.2	60
62	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, 3026-3032.	0.4	103
63	B cell follicles and antigen encounters of the third kind. <i>Nature Immunology</i> , 2010, 11, 989-996.	7.0	293
64	A Role for S1P and S1P1 in Immature-B Cell Egress from Mouse Bone Marrow. <i>PLoS ONE</i> , 2010, 5, e9277.	1.1	83
65	Lymphatic endothelial cell sphingosine kinase activity is required for lymphocyte egress and lymphatic patterning. <i>Journal of Experimental Medicine</i> , 2010, 207, 17-27.	4.2	414
66	Finding the right niche: B-cell migration in the early phases of T-dependent antibody responses. <i>International Immunology</i> , 2010, 22, 413-419.	1.8	218
67	CD69 Suppresses Sphingosine 1-Phosphate Receptor-1 (S1P1) Function through Interaction with Membrane Helix 4. <i>Journal of Biological Chemistry</i> , 2010, 285, 22328-22337.	1.6	253
68	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, 20447-20452.	3.3	139
69	Shining a Light on Germinal Center B Cells. <i>Cell</i> , 2010, 143, 503-505.	13.5	18
70	Visualizing B cell capture of cognate antigen from follicular dendritic cells. <i>Journal of Experimental Medicine</i> , 2009, 206, 1485-1493.	4.2	232
71	The microanatomy of B cell activation. <i>Current Opinion in Immunology</i> , 2009, 21, 258-265.	2.4	52
72	EBI2 mediates B cell segregation between the outer and centre follicle. <i>Nature</i> , 2009, 460, 1122-1126.	13.7	331

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73	Cortical sinus probing, S1P1-dependent entry and flow-based capture of egressing T cells. <i>Nature Immunology</i> , 2009, 10, 58-65.	7.0	195
74	Cannabinoid receptor 2 mediates the retention of immature B cells in bone marrow sinusoids. <i>Nature Immunology</i> , 2009, 10, 403-411.	7.0	184
75	Immune complex relay by subcapsular sinus macrophages and noncognate B cells drives antibody affinity maturation. <i>Nature Immunology</i> , 2009, 10, 786-793.	7.0	364
76	Follicular shuttling of marginal zone B cells facilitates antigen transport. <i>Nature Immunology</i> , 2008, 9, 54-62.	7.0	471
77	S1P1 Receptor Signaling Overrides Retention Mediated by G β i-Coupled Receptors to Promote T Cell Egress. <i>Immunity</i> , 2008, 28, 122-133.	6.6	381
78	Follicular dendritic cell networks of primary follicles and germinal centers: Phenotype and function. <i>Seminars in Immunology</i> , 2008, 20, 14-25.	2.7	362
79	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, 5099-5108.	0.4	617
80	Germinal-Center Organization and Cellular Dynamics. <i>Immunity</i> , 2007, 27, 190-202.	6.6	838
81	Imaging of Germinal Center Selection Events During Affinity Maturation. <i>Science</i> , 2007, 315, 528-531.	6.0	701
82	Promotion of Lymphocyte Egress into Blood and Lymph by Distinct Sources of Sphingosine-1-Phosphate. <i>Science</i> , 2007, 316, 295-298.	6.0	826
83	Subcapsular encounter and complement-dependent transport of immune complexes by lymph node B cells. <i>Nature Immunology</i> , 2007, 8, 992-1000.	7.0	576
84	Finding a way out: lymphocyte egress from lymphoid organs. <i>Nature Immunology</i> , 2007, 8, 1295-1301.	7.0	527
85	CD69 acts downstream of interferon- β / γ to inhibit S1P1 and lymphocyte egress from lymphoid organs. <i>Nature</i> , 2006, 440, 540-544.	13.7	1,014
86	Plasma cell S1P1 expression determines secondary lymphoid organ retention versus bone marrow tropism. <i>Journal of Experimental Medicine</i> , 2006, 203, 2683-2690.	4.2	177
87	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, 10717-10722.	3.3	88
88	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.	2.6	495
89	Intrinsic Lymphotoxin- β Receptor Requirement for Homeostasis of Lymphoid Tissue Dendritic Cells. <i>Immunity</i> , 2005, 22, 439-450.	6.6	304
90	Sphingosine 1-phosphate receptor 1 promotes B cell localization in the splenic marginal zone. <i>Nature Immunology</i> , 2004, 5, 713-720.	7.0	372

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91	Germinal center dark and light zone organization is mediated by CXCR4 and CXCR5. Nature Immunology, 2004, 5, 943-952.	7.0	649
92	Dynamics of B Cell Migration to and within Secondary Lymphoid Organs. , 2004, , 203-221.		3
93	Lymphocyte egress from thymus and peripheral lymphoid organs is dependent on S1P receptor 1. Nature, 2004, 427, 355-360.	13.7	2,348
94	Homing of antibody secreting cells. Immunological Reviews, 2003, 194, 48-60.	2.8	180
95	Lymphoid organ development and cell migration. Immunological Reviews, 2003, 195, 5-14.	2.8	127
96	Integrin-Mediated Long-Term B Cell Retention in the Splenic Marginal Zone. Science, 2002, 297, 409-412.	6.0	353
97	Balanced responsiveness to chemoattractants from adjacent zones determines B-cell position. Nature, 2002, 416, 94-99.	13.7	506
98	Chemokines as regulators of T cell differentiation. Nature Immunology, 2001, 2, 102-107.	7.0	643
99	A Coordinated Change in Chemokine Responsiveness Guides Plasma Cell Movements. Journal of Experimental Medicine, 2001, 194, 45-56.	4.2	589
100	Splenic T Zone Development Is B Cell Dependent. Journal of Experimental Medicine, 2001, 194, 1649-1660.	4.2	224
101	A transmembrane CXC chemokine is a ligand for HIV-coreceptor Bonzo. Nature Immunology, 2000, 1, 298-304.	7.0	603
102	A chemokine-driven positive feedback loop organizes lymphoid follicles. Nature, 2000, 406, 309-314.	13.7	1,103
103	A B-cell-homing chemokine made in lymphoid follicles activates Burkitt's lymphoma receptor-1. Nature, 1998, 391, 799-803.	13.7	751