

Jason G Cyster

List of Publications by Citations

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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 | Lymphocyte egress from thymus and peripheral lymphoid organs is dependent on S1P receptor 1. <i>Nature</i> , 2004 , 427, 355-60 | 50.4 | 2061 |
| 100 | A chemokine-driven positive feedback loop organizes lymphoid follicles. <i>Nature</i> , 2000 , 406, 309-14 | 50.4 | 983 |
| 99 | 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 |
| 98 | 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 |
| 97 | Germinal-center organization and cellular dynamics. <i>Immunity</i> , 2007 , 27, 190-202 | 32.3 | 673 |
| 96 | 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 |
| 95 | Imaging of germinal center selection events during affinity maturation. <i>Science</i> , 2007 , 315, 528-31 | 33.3 | 601 |
| 94 | Chemokines as regulators of T cell differentiation. <i>Nature Immunology</i> , 2001 , 2, 102-7 | 19.1 | 564 |
| 93 | Germinal center dark and light zone organization is mediated by CXCR4 and CXCR5. <i>Nature Immunology</i> , 2004 , 5, 943-52 | 19.1 | 535 |
| 92 | Role of CXCR5 and CCR7 in follicular Th cell positioning and appearance of a programmed cell death gene-1high germinal center-associated subpopulation. <i>Journal of Immunology</i> , 2007 , 179, 5099-108 | 5.3 | 519 |
| 91 | A transmembrane CXC chemokine is a ligand for HIV-coreceptor Bonzo. <i>Nature Immunology</i> , 2000 , 1, 298-304 | 19.1 | 517 |
| 90 | A coordinated change in chemokine responsiveness guides plasma cell movements. <i>Journal of Experimental Medicine</i> , 2001 , 194, 45-56 | 16.6 | 512 |
| 89 | 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 |
| 88 | Finding a way out: lymphocyte egress from lymphoid organs. <i>Nature Immunology</i> , 2007 , 8, 1295-301 | 19.1 | 470 |
| 87 | Balanced responsiveness to chemoattractants from adjacent zones determines B-cell position. <i>Nature</i> , 2002 , 416, 94-9 | 50.4 | 455 |
| 86 | 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 |
| 85 | Follicular shuttling of marginal zone B cells facilitates antigen transport. <i>Nature Immunology</i> , 2008 , 9, 54-62 | 19.1 | 391 |

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|----|---|------|-----|
| 84 | 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 |
| 83 | 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 |
| 82 | 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 |
| 81 | Integrin-mediated long-term B cell retention in the splenic marginal zone. <i>Science</i> , 2002 , 297, 409-12 | 33.3 | 316 |
| 80 | Oxysterols direct immune cell migration via EBI2. <i>Nature</i> , 2011 , 475, 524-7 | 50.4 | 302 |
| 79 | 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 |
| 78 | 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 |
| 77 | Intrinsic lymphotoxin-beta receptor requirement for homeostasis of lymphoid tissue dendritic cells. <i>Immunity</i> , 2005 , 22, 439-50 | 32.3 | 259 |
| 76 | EBI2 mediates B cell segregation between the outer and centre follicle. <i>Nature</i> , 2009 , 460, 1122-6 | 50.4 | 254 |
| 75 | B Cell Responses: Cell Interaction Dynamics and Decisions. <i>Cell</i> , 2019 , 177, 524-540 | 56.2 | 245 |
| 74 | B cell follicles and antigen encounters of the third kind. <i>Nature Immunology</i> , 2010 , 11, 989-96 | 19.1 | 225 |
| 73 | 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 |
| 72 | Splenic T zone development is B cell dependent. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1649-60 | 16.6 | 209 |
| 71 | 25-Hydroxycholesterols in innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2014 , 14, 731-43 | 36.5 | 208 |
| 70 | 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 |
| 69 | Visualizing B cell capture of cognate antigen from follicular dendritic cells. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1485-93 | 16.6 | 199 |
| 68 | Single-Cell RNA Sequencing of Lymph Node Stromal Cells Reveals Niche-Associated Heterogeneity. <i>Immunity</i> , 2018 , 48, 1014-1028.e6 | 32.3 | 196 |
| 67 | Loss of signalling via G β 3 in germinal centre B-cell-derived lymphoma. <i>Nature</i> , 2014 , 516, 254-8 | 50.4 | 192 |

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|----|---|------|-----|
| 66 | The sphingosine 1-phosphate receptor S1P1 maintains the homeostasis of germinal center B cells and promotes niche confinement. <i>Nature Immunology</i> , 2011 , 12, 672-80 | 19.1 | 184 |
| 65 | 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 |
| 64 | Homing of antibody secreting cells. <i>Immunological Reviews</i> , 2003 , 194, 48-60 | 11.3 | 170 |
| 63 | 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 |
| 62 | IgA production requires B cell interaction with subepithelial dendritic cells in Peyer's patches. <i>Science</i> , 2016 , 352, aaf4822 | 33.3 | 168 |
| 61 | EBI2 augments Tfh cell fate by promoting interaction with IL-2-quenching dendritic cells. <i>Nature</i> , 2016 , 533, 110-4 | 50.4 | 164 |
| 60 | 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 |
| 59 | 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 |
| 58 | Visualization of splenic marginal zone B-cell shuttling and follicular B-cell egress. <i>Nature</i> , 2013 , 493, 684-8 | 30.4 | 151 |
| 57 | 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 |
| 56 | Deficiency in IL-17-committed V α 4(+) T β 17 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 |
| 55 | GRK2-dependent S1PR1 desensitization is required for lymphocytes to overcome their attraction to blood. <i>Science</i> , 2011 , 333, 1898-903 | 33.3 | 143 |
| 54 | Peyer's patches: organizing B-cell responses at the intestinal frontier. <i>Immunological Reviews</i> , 2016 , 271, 230-45 | 11.3 | 141 |
| 53 | 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 |
| 52 | 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 |
| 51 | 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 |
| 50 | Lymphoid organ development and cell migration. <i>Immunological Reviews</i> , 2003 , 195, 5-14 | 11.3 | 117 |
| 49 | Germinal centers: programmed for affinity maturation and antibody diversification. <i>Current Opinion in Immunology</i> , 2017 , 45, 21-30 | 7.8 | 110 |

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|----|---|------|-----|
| 48 | EBI2-mediated bridging channel positioning supports splenic dendritic cell homeostasis and particulate antigen capture. <i>ELife</i> , 2013 , 2, e00757 | 8.9 | 108 |
| 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, 1297-305 | 16.6 | 84 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | CXCR4 promotes B cell egress from Peyer's patches. <i>Journal of Experimental Medicine</i> , 2013 , 210, 1099-1107 | 16.6 | 57 |
| 37 | 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 |
| 36 | S1PR2 links germinal center confinement and growth regulation. <i>Immunological Reviews</i> , 2012 , 247, 36-51 | 11.3 | 56 |
| 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 | 16.6 | 56 |
| 34 | Distinct oxysterol requirements for positioning naive and activated dendritic cells in the spleen. <i>Science Immunology</i> , 2017 , 2, | 28 | 51 |
| 33 | GPR18 is required for a normal CD8 ⁺ intestinal intraepithelial lymphocyte compartment. <i>Journal of Experimental Medicine</i> , 2014 , 211, 2351-9 | 16.6 | 48 |
| 32 | 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 |
| 31 | The microanatomy of B cell activation. <i>Current Opinion in Immunology</i> , 2009 , 21, 258-65 | 7.8 | 46 |

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|----|---|------|----|
| 30 | 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 |
| 29 | 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 |
| 28 | Transcriptional regulation of memory B cell differentiation. <i>Nature Reviews Immunology</i> , 2021 , 21, 209-230.5 | 30.5 | 41 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | S-Geranylgeranyl-L-glutathione is a ligand for human B cell-confinement receptor P2RY8. <i>Nature</i> , 2019 , 567, 244-248 | 50.4 | 34 |
| 23 | 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 |
| 22 | G-protein coupled receptors and ligands that organize humoral immune responses. <i>Immunological Reviews</i> , 2019 , 289, 158-172 | 11.3 | 30 |
| 21 | T Follicular helper cells in germinal center B cell selection and lymphomagenesis. <i>Immunological Reviews</i> , 2020 , 296, 48-61 | 11.3 | 27 |
| 20 | GPR55 regulates intraepithelial lymphocyte migration dynamics and susceptibility to intestinal damage. <i>Science Immunology</i> , 2017 , 2, | 28 | 27 |
| 19 | 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 |
| 18 | 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 | 10.6 | 17 |
| 17 | Atypical chemokine receptor 4 shapes activated B cell fate. <i>Journal of Experimental Medicine</i> , 2018 , 215, 801-813 | 16.6 | 13 |
| 16 | Shining a light on germinal center B cells. <i>Cell</i> , 2010 , 143, 503-5 | 56.2 | 13 |
| 15 | Sphingosine-1-phosphate receptor 2 restrains egress of Γ cells from the skin. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1487-1496 | 16.6 | 12 |
| 14 | 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 |
| 13 | 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 |

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|----|--|------|---|
| 12 | 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 |
| 11 | GPR35 promotes neutrophil recruitment in response to serotonin metabolite 5-HIAA.. <i>Cell</i> , 2022 , | 56.2 | 6 |
| 10 | CD97 promotes spleen dendritic cell homeostasis through the mechanosensing of red blood cells.. <i>Science</i> , 2022 , 375, eabi5965 | 33.3 | 5 |
| 9 | Interferon with antibody responses. <i>Science Immunology</i> , 2016 , 1, | 28 | 5 |
| 8 | 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 |
| 7 | 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 |
| 6 | Dynamics of B Cell Migration to and within Secondary Lymphoid Organs 2004 , 203-221 | | 2 |
| 5 | Chemo- and mechanosensing by dendritic cells facilitate antigen surveillance in the spleen.. <i>Immunological Reviews</i> , 2022 , 306, 25-42 | 11.3 | 2 |
| 4 | Lymph node-resident dendritic cells drive T2 cell development involving MARCH1. <i>Science Immunology</i> , 2021 , 6, eabh0707 | 28 | 2 |
| 3 | 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 |
| 2 | IIL3s control splenic cDC homeostasis via lymphotoxin signaling. <i>Journal of Experimental Medicine</i> , 2021 , 218, | 16.6 | 2 |
| 1 | Structure of S1PR2-heterotrimeric G signaling complex.. <i>Science Advances</i> , 2022 , 8, eabn0067 | 14.3 | 0 |