John D Altman

List of Publications by Year
in descending order

41	6,172	236925	302126
papers	citations	25 h-index	39 g-index

41	41	41	6519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Counting Antigen-Specific CD8 T Cells: A Reevaluation of Bystander Activation during Viral Infection. Immunity, 1998, 8, 177-187.	14.3	1,887
2	Viral Immune Evasion Due to Persistence of Activated T Cells Without Effector Function. Journal of Experimental Medicine, 1998, 188, 2205-2213.	8.5	1,733
3	Tat-specific cytotoxic T lymphocytes select for SIV escape variants during resolution of primary viraemia. Nature, 2000, 407, 386-390.	27.8	657
4	Differentiating between Memory and Effector Cd8 T Cells by Altered Expression of Cell Surface O-Glycans. Journal of Experimental Medicine, 2000, 191, 1241-1246.	8.5	191
5	A conserved human T cell population targets mycobacterial antigens presented by CD1b. Nature Immunology, 2013, 14, 706-713.	14.5	187
6	Changing patterns of dominance in the CD8+ T cell response during acute and persistent murine Î³-herpesvirus infection. European Journal of Immunology, 1999, 29, 1059-1067.	2.9	146
7	CD1a-autoreactive T cells recognize natural skin oils that function as headless antigens. Nature Immunology, 2014, 15, 177-185.	14.5	141
8	CD1b tetramers bind Î±Î² T cell receptors to identify a mycobacterial glycolipid-reactive T cell repertoire in humans. Journal of Experimental Medicine, 2011, 208, 1741-1747.	8.5	132
9	CD1c tetramers detect ex vivo T cell responses to processed phosphomycoketide antigens. Journal of Experimental Medicine, 2013, 210, 729-741.	8.5	94
10	Human autoreactive T cells recognize CD1b and phospholipids. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 380-385.	7.1	85
11	Molecular Analysis of Lipid-Reactive VÎ´1 Î³Î´ T Cells Identified by CD1c Tetramers. Journal of Immunology, 2016, 196, 1933-1942.	0.8	72
12	Cutting Edge: CD1a Tetramers and Dextramers Identify Human Lipopeptideâ€“Specific T Cells Ex Vivo. Journal of Immunology, 2013, 191, 4499-4503.	0.8	70
13	Discovery of deoxyceramides and diacylglycerols as CD1b scaffold lipids among diverse groove-blocking lipids of the human CD1 system. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19335-19340.	7.1	69
14	Reversal of virus-induced systemic shock and respiratory failure by blockade of the lymphotoxin pathway. Nature Medicine, 1999, 5, 1370-1374.	30.7	60
15	New Design of MHC Class II Tetramers to Accommodate Fundamental Principles of Antigen Presentation. Journal of Immunology, 2009, 183, 7949-7957.	0.8	54
16	MHCâ€Peptide Tetramers to Visualize Antigenâ€Specific T Cells. Current Protocols in Immunology, 2016, 115, 17.3.1-17.3.44.	3.6	54
17	T cell autoreactivity directed toward CD1c itself rather than toward carried self lipids. Nature Immunology, 2018, 19, 397-406.	14.5	52
18	Molecular basis of mycobacterial lipid antigen presentation by CD1c and its recognition by Î±Î² T cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4648-57.	7.1	49

#	Article	IF	Citations
19	Enumeration and Characterization of Memory Cells in the TH Compartment. Immunological Reviews, 1996, 150, 5-21.	6.0	48
20	MHCâ€Peptide Tetramers to Visualize Antigenâ€Specific T Cells. Current Protocols in Immunology, 2003, 53, Unit 17.3.	3.6	38
21	A robust method for production of MHC tetramers with small molecule fluorophores. Journal of Immunological Methods, 2007, 319, 13-20.	1.4	33
22	A T-cell receptor escape channel allows broad T-cell response to CD1b and membrane phospholipids. Nature Communications, 2019, 10, 56.	12.8	31
23	Human skin is colonized by T cells that recognize CD1a independently of lipid. Journal of Clinical Investigation, 2021, 131, .	8.2	31
24	Synthesis, stabilization, and characterization of the MR1 ligand precursor 5-amino-6-D-ribitylaminouracil (5-A-RU). PLoS ONE, 2018, 13, e0191837.	2.5	31
25	Vaccine-Induced Simian Immunodeficiency Virus-Specific CD8 ⁺ T-Cell Responses Focused on a Single Nef Epitope Select for Escape Variants Shortly after Infection. Journal of Virology, 2015, 89, 10802-10820.	3.4	30
26	CD8 T Cell Memory Recall Is Enhanced by Novel Direct Interactions with CD4 T Cells Enabled by MHC Class II Transferred from APCs. PLoS ONE, 2013, 8, e56999.	2.5	27
27	Empty conformers of HLA-B preferentially bind CD8 and regulate CD8+ T cell function. ELife, 2018, 7, .	6.0	26
28	CD1a selectively captures endogenous cellular lipids that broadly block T cell response. Journal of Experimental Medicine, 2021, 218, .	8.5	24
29	Vaccine-induced immune responses against both Gag and Env improve control of simian immunodeficiency virus replication in rectally challenged rhesus macaques. PLoS Pathogens, 2017, 13, e1006529.	4.7	19
30	T Cells Specific for a Mycobacterial Glycolipid Expand after Intravenous Bacillus Calmetteâ€“GuÃ©rin Vaccination. Journal of Immunology, 2021, 206, 1240-1250.	0.8	18
31	Rare Control of SIVmac239 Infection in a Vaccinated Rhesus Macaque. AIDS Research and Human Retroviruses, 2017, 33, 843-858.	1.1	15
32	Flow Cytometry Applications of MHC Tetramers. Methods in Cell Biology, 2004, 75, 433-452.	1.1	14
33	Production of Class II MHC Proteins in Lentiviral Vectorâ€Transduced HEKâ€293T Cells for Tetramer Staining Reagents. Current Protocols, 2021, 1, e36.	2.9	14
34	A High Throughput Whole Blood Assay for Analysis of Multiple Antigen-Specific T Cell Responses in Human Mycobacterium tuberculosis Infection. Journal of Immunology, 2018, 200, 3008-3019.	0.8	11
35	Mamu-B*17 ⁺ Rhesus Macaques Vaccinated with env , vif , and nef Manifest Early Control of SIVmac239 Replication. Journal of Virology, 2018, 92, .	3.4	11
36	MHC-I peptide binding activity assessed by exchange after cleavage of peptide covalently linked to Î²2-microglobulin. Analytical Biochemistry, 2019, 584, 113328.	2.4	6

#	Article	IF	Citations
37	Use of replication restricted recombinant vesicular stomatitis virus vectors for detection of antigen-specific T cells. Journal of Immunological Methods, 2012, 375, 118-128.	1.4	5
38	The Frequency of Vaccine-Induced T-Cell Responses Does Not Predict the Rate of Acquisition after Repeated Intrarectal SIVmac239 Challenges in Mamu-B*08 + Rhesus Macaques. Journal of Virology, 2019, 93, .	3.4	5
39	T cells in COVID-19 â€" the kids are all right. Nature Immunology, 2022, 23, 647-649.	14.5	2
40	Analysis of Mitochondrial Function in Antigen Specific na ve, Effector and MEmory CD8 + T Cells. Scientific World Journal, The, 2001, 1, 53-53.	2.1	0
41	Minimal Information about MHC Multimers (MIAMM). Journal of Immunology, 2022, 208, 531-537.	0.8	0