

# John D Altman

## List of Publications by Year in descending order

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41  
papers

6,172  
citations

236925

25  
h-index

302126

39  
g-index

41  
all docs

41  
docs citations

41  
times ranked

6519  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal Information about MHC Multimers (MIAMM). <i>Journal of Immunology</i> , 2022, 208, 531-537.	0.8	0
2	T cells in COVID-19 “the kids are all right”. <i>Nature Immunology</i> , 2022, 23, 647-649.	14.5	2
3	Human skin is colonized by T cells that recognize CD1a independently of lipid. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	31
4	Production of Class II MHC Proteins in Lentiviral Vector-Transduced HEK293T Cells for Tetramer Staining Reagents. <i>Current Protocols</i> , 2021, 1, e36.	2.9	14
5	T Cells Specific for a Mycobacterial Glycolipid Expand after Intravenous Bacillus Calmette-Guérin Vaccination. <i>Journal of Immunology</i> , 2021, 206, 1240-1250.	0.8	18
6	CD1a selectively captures endogenous cellular lipids that broadly block T cell response. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	24
7	MHC-I peptide binding activity assessed by exchange after cleavage of peptide covalently linked to Î²2-microglobulin. <i>Analytical Biochemistry</i> , 2019, 584, 113328.	2.4	6
8	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. <i>Journal of Virology</i> , 2019, 93, .	3.4	5
9	A T-cell receptor escape channel allows broad T-cell response to CD1b and membrane phospholipids. <i>Nature Communications</i> , 2019, 10, 56.	12.8	31
10	A High Throughput Whole Blood Assay for Analysis of Multiple Antigen-Specific T Cell Responses in Human <i>Mycobacterium tuberculosis</i> Infection. <i>Journal of Immunology</i> , 2018, 200, 3008-3019.	0.8	11
11	T cell autoreactivity directed toward CD1c itself rather than toward carried self lipids. <i>Nature Immunology</i> , 2018, 19, 397-406.	14.5	52
12	<i>Mamu-B*17</i> <sup>+</sup> Rhesus Macaques Vaccinated with <i>env</i> , <i>vif</i> , and <i>nef</i> Manifest Early Control of SIVmac239 Replication. <i>Journal of Virology</i> , 2018, 92, .	3.4	11
13	Synthesis, stabilization, and characterization of the MR1 ligand precursor 5-amino-6-D-ribitylaminoouracil (5-A-RU). <i>PLoS ONE</i> , 2018, 13, e0191837.	2.5	31
14	Empty conformers of HLA-B preferentially bind CD8 and regulate CD8+ T cell function. <i>ELife</i> , 2018, 7, .	6.0	26
15	Rare Control of SIVmac239 Infection in a Vaccinated Rhesus Macaque. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 843-858.	1.1	15
16	Vaccine-induced immune responses against both Gag and Env improve control of simian immunodeficiency virus replication in rectally challenged rhesus macaques. <i>PLoS Pathogens</i> , 2017, 13, e1006529.	4.7	19
17	MHC-Peptide Tetramers to Visualize Antigen-Specific T Cells. <i>Current Protocols in Immunology</i> , 2016, 115, 17.3.1-17.3.44.	3.6	54
18	Molecular Analysis of Lipid-Reactive T T Cells Identified by CD1c Tetramers. <i>Journal of Immunology</i> , 2016, 196, 1933-1942.	0.8	72

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19	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
20	Vaccine-Induced Simian Immunodeficiency Virus-Specific CD8 <sup>+</sup> 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
21	Molecular basis of mycobacterial lipid antigen presentation by CD1c and its recognition by $\hat{\pm}\hat{I}^2$ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4648-57.	7.1	49
22	CD1a-autoreactive T cells recognize natural skin oils that function as headless antigens. Nature Immunology, 2014, 15, 177-185.	14.5	141
23	Cutting Edge: CD1a Tetramers and Dextramers Identify Human Lipopeptide-Specific T Cells Ex Vivo. Journal of Immunology, 2013, 191, 4499-4503.	0.8	70
24	A conserved human T cell population targets mycobacterial antigens presented by CD1b. Nature Immunology, 2013, 14, 706-713.	14.5	187
25	CD1c tetramers detect ex vivo T cell responses to processed phosphomycoketide antigens. Journal of Experimental Medicine, 2013, 210, 729-741.	8.5	94
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	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
28	CD1b tetramers bind $\hat{\pm}\hat{I}^2$ 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
29	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
30	New Design of MHC Class II Tetramers to Accommodate Fundamental Principles of Antigen Presentation. Journal of Immunology, 2009, 183, 7949-7957.	0.8	54
31	A robust method for production of MHC tetramers with small molecule fluorophores. Journal of Immunological Methods, 2007, 319, 13-20.	1.4	33
32	Flow Cytometry Applications of MHC Tetramers. Methods in Cell Biology, 2004, 75, 433-452.	1.1	14
33	MHC-Peptide Tetramers to Visualize Antigen-Specific T Cells. Current Protocols in Immunology, 2003, 53, Unit 17.3.	3.6	38
34	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
35	Tat-specific cytotoxic T lymphocytes select for SIV escape variants during resolution of primary viraemia. Nature, 2000, 407, 386-390.	27.8	657
36	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

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37	Reversal of virus-induced systemic shock and respiratory failure by blockade of the lymphotoxin pathway. <i>Nature Medicine</i> , 1999, 5, 1370-1374.	30.7	60
38	Changing patterns of dominance in the CD8+ T cell response during acute and persistent murine $\beta$ -herpesvirus infection. <i>European Journal of Immunology</i> , 1999, 29, 1059-1067.	2.9	146
39	Counting Antigen-Specific CD8 T Cells: A Reevaluation of Bystander Activation during Viral Infection. <i>Immunity</i> , 1998, 8, 177-187.	14.3	1,887
40	Viral Immune Evasion Due to Persistence of Activated T Cells Without Effector Function. <i>Journal of Experimental Medicine</i> , 1998, 188, 2205-2213.	8.5	1,733
41	Enumeration and Characterization of Memory Cells in the TH Compartment. <i>Immunological Reviews</i> , 1996, 150, 5-21.	6.0	48