

List of Publications by Citations

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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.

19 papers	1,228 citations	13 h-index	21 g-index
21 ext. papers	1,556 ext. citations	16 avg, IF	4.6 L-index

#	Paper	IF	Citations
19	The intracellular B30.2 domain of butyrophilin 3A1 binds phosphoantigens to mediate activation of human V β V α T cells. <i>Immunity</i> , 2014 , 40, 490-500	32.3	293
18	MAIT cells are imprinted by the microbiota in early life and promote tissue repair. <i>Science</i> , 2019 , 366,	33.3	162
17	Crystal structure of V α T cell receptor in complex with CD1d-sulfatide shows MHC-like recognition of a self-lipid by human $\gamma\delta$ cells. <i>Immunity</i> , 2013 , 39, 1032-42	32.3	158
16	The adaptable major histocompatibility complex (MHC) fold: structure and function of nonclassical and MHC class I-like molecules. <i>Annual Review of Immunology</i> , 2013 , 31, 529-61	34.7	133
15	Human gamma delta T cells: Evolution and ligand recognition. <i>Cellular Immunology</i> , 2015 , 296, 31-40	4.4	126
14	An autonomous CDR3delta is sufficient for recognition of the nonclassical MHC class I molecules T10 and T22 by gammadelta T cells. <i>Nature Immunology</i> , 2008 , 9, 777-84	19.1	72
13	Phosphoantigen-induced conformational change of butyrophilin 3A1 (BTN3A1) and its implication on V β V α T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E7311-E7320	11.5	61
12	Molecular basis of mycobacterial lipid antigen presentation by CD1c and its recognition by $\gamma\delta$ cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4648-51.5	11.5	46
11	Lipid presentation by human CD1 molecules and the diverse T cell populations that respond to them. <i>Current Opinion in Immunology</i> , 2014 , 26, 1-6	7.8	39
10	Butyrophilin3A proteins and V β V α T cell activation. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 84, 65-74	7.5	33
9	Coevolution of T-cell receptors with MHC and non-MHC ligands. <i>Immunological Reviews</i> , 2015 , 267, 30-55	11.3	29
8	Generation and molecular recognition of melanoma-associated antigen-specific human $\gamma\delta$ cells. <i>Science Immunology</i> , 2018 , 3,	28	27
7	Diverse antigen presentation by the Group 1 CD1 molecule, CD1c. <i>Molecular Immunology</i> , 2013 , 55, 182-5	7.3	15
6	The immutable recognition of CD1d. <i>Immunity</i> , 2011 , 34, 281-3	32.3	13
5	Diversity in recognition and function of human $\gamma\delta$ cells. <i>Immunological Reviews</i> , 2020 , 298, 134-152	11.3	12
4	Altered selection on a single self-ligand promotes susceptibility to organ-specific T cell infiltration. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	3
3	Biochemical patterns of antibody polyreactivity revealed through a bioinformatics-based analysis of CDR loops. <i>ELife</i> , 2020 , 9,	8.9	2

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| 2 | Molecular design of the TM cell receptor ectodomain encodes biologically fit ligand recognition in the absence of mechanosensing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 2 |
| 1 | How Tim proteins differentially exploit membrane features to attain robust target sensitivity. <i>Biophysical Journal</i> , 2021 , 120, 4891-4902 | 2.9 | 2 |