Mahima Swamy

List of Publications by Year
in descending order

31 papers	2,091 citations	430874 18 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	3506 citing authors

#	Article	IF	Citations
1	Glucose and glutamine fuel protein O-GlcNAcylation to control T cell self-renewal and malignancy. Nature Immunology, 2016, 17, 712-720.	14.5	265
2	Epithelial decision makers: in search of the 'epimmunome'. Nature Immunology, 2010, 11, 656-665.	14.5	252
3	Full Activation of the T Cell Receptor Requires Both Clustering and Conformational Changes at CD3. Immunity, 2007, 26, 43-54.	14.3	229
4	A Cholesterol-Based Allostery Model of T Cell Receptor Phosphorylation. Immunity, 2016, 44, 1091-1101.	14.3	183
5	Increased Sensitivity of Antigen-Experienced T Cells through the Enrichment of Oligomeric T Cell Receptor Complexes. Immunity, 2011, 35, 375-387.	14.3	153
6	Cholesterol and Sphingomyelin Drive Ligand-independent T-cell Antigen Receptor Nanoclustering. Journal of Biological Chemistry, 2012, 287, 42664-42674.	3.4	145
7	Butyrophilins: an emerging family of immune regulators. Trends in Immunology, 2012, 33, 34-41.	6.8	119
8	Blue Native Polyacrylamide Gel Electrophoresis (BN-PAGE) for the Identification and Analysis of Multiprotein Complexes. Science Signaling, 2006, 2006, pl4-pl4.	3.6	115
9	A bispecific diabody directed against prostate-specific membrane antigen and CD3 induces T-cell mediated lysis of prostate cancer cells. Cancer Immunology, Immunotherapy, 2008, 57, 43-52.	4.2	74
10	Tâ€cell antigenâ€receptor stoichiometry: preâ€clustering for sensitivity. EMBO Reports, 2006, 7, 490-495.	4.5	73
11	Intestinal intraepithelial lymphocyte activation promotes innate antiviral resistance. Nature Communications, 2015, 6, 7090.	12.8	64
12	Different composition of the human and the mouse Î³Î´ T cell receptor explains different phenotypes of CD3Î³ and CD3Î´ immunodeficiencies. Journal of Experimental Medicine, 2007, 204, 2537-2544.	8.5	56
13	Butyrophilin-like 1 encodes an enterocyte protein that selectively regulates functional interactions with T lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4376-4381.	7.1	56
14	Subproteomic analysis of metal-interacting proteins in human B cells. Proteomics, 2005, 5, 3614-3622.	2.2	49
15	Control of amino acid transport coordinates metabolic reprogramming in T-cell malignancy. Leukemia, 2017, 31, 2771-2779.	7.2	37
16	A native antibody-based mobility-shift technique (NAMOS-assay) to determine the stoichiometry of multiprotein complexes. Journal of Immunological Methods, 2007, 324, 74-83.	1.4	31
17	Mechanisms of activation of innate-like intraepithelial T lymphocytes. Mucosal Immunology, 2020, 13, 721-731.	6.0	30
18	Two dimensional Blue Native-/SDS-PAGE analysis of SLP family adaptor protein complexes. Immunology Letters, 2006, 104, 131-137.	2.5	20

#	Article	IF	Citations
19	Structural characterization of the TCR complex by electron microscopy. International Immunology, 2010, 22, 897-903.	4.0	19
20	Differential antibody binding to the surface ÂÂTCR{middle dot}CD3 complex of CD4+ and CD8+ T lymphocytes is conserved in mammals and associated with differential glycosylation. International Immunology, 2008, 20, 1247-1258.	4.0	16
21	The short length of the extracellular domain of Î¶ is crucial for T cell antigen receptor function. Immunology Letters, 2008, 116, 195-202.	2.5	14
22	Tissue environment, not ontogeny, defines murine intestinal intraepithelial T lymphocytes. ELife, 2021, 10, .	6.0	14
23	The extracellular part of Î¶ is buried in the T cell antigen receptor complex. Immunology Letters, 2008, 116, 203-210.	2.5	12
24	Stoichiometry and intracellular fate of TRIM-containing TCR complexes. Cell Communication and Signaling, 2010, 8, 5.	6.5	12
25	Detection of protein complex interactions via a Blue Native-PAGE retardation assay. Analytical Biochemistry, 2009, 392, 177-179.	2.4	11
26	The 450ÂkDa TCR Complex has a Stoichiometry of Î±Î²Î³ÎµÎ´ÎµÎ¶Î¶. Scandinavian Journal of Immunology, 2008, 67, 418-420.	2.7	9
27	Loss of adenomatous polyposis coli function renders intestinal epithelial cells resistant to the cytokine IL-22. PLoS Biology, 2019, 17, e3000540.	5.6	9
28	IL-15 and PIM kinases direct the metabolic programming of intestinal intraepithelial lymphocytes. Nature Communications, 2021, 12, 4290.	12.8	8
29	Different composition of the human and the mouse Î³Î´ T cell receptor explains different phenotypes of CD3Î³ and CD3Î´ immunodeficiencies. Journal of Experimental Medicine, 2007, 204, 3049-3049.	8.5	7
30	Provocative exhibits at the Seventeen Gallery. Nature Immunology, 2011, 12, 1131-1133.	14.5	5
31	Segregation Models. Advances in Experimental Medicine and Biology, 2008, 640, 74-81.	1.6	4