Shaodong Dai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9460231/publications.pdf

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24	1,137	567281 15	610901 24
papers	citations	h-index	g-index

25	25	25	1527
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolutionarily Conserved Amino Acids That Control TCR-MHC Interaction. Annual Review of Immunology, 2008, 26, 171-203.	21.8	261
2	Crossreactive T Cells Spotlight the Germline Rules for Î±Î² T Cell-Receptor Interactions with MHC Molecules. Immunity, 2008, 28, 324-334.	14.3	171
3	Crystal structure of HLA-DP2 and implications for chronic beryllium disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7425-7430.	7.1	103
4	Structural Basis of Chronic Beryllium Disease: Linking Allergic Hypersensitivity and Autoimmunity. Cell, 2014, 158, 132-142.	28.9	101
5	A Single T Cell Receptor Bound to Major Histocompatibility Complex Class I and Class II Glycoproteins Reveals Switchable TCR Conformers. Immunity, 2011, 35, 23-33.	14.3	80
6	C-terminal modification of the insulin B:11â€“23 peptide creates superagonists in mouse and human type 1 diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 162-167.	7.1	60
7	Beryllium-Induced Hypersensitivity: Genetic Susceptibility and Neoantigen Generation. Journal of Immunology, 2016, 196, 22-27.	0.8	48
8	T-cell receptor (TCR) interaction with peptides that mimic nickel offers insight into nickel contact allergy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18517-18522.	7.1	43
9	N-terminal additions to the WE14 peptide of chromogranin A create strong autoantigen agonists in type 1 diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13318-13323.	7.1	40
10	DksAâ€“DnaJ redox interactions provide a signal for the activation of bacterial RNA polymerase. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11780-E11789.	7.1	39
11	How C-terminal additions to insulin B-chain fragments create superagonists for T cells in mouse and human type 1 diabetes. Science Immunology, 2019, 4, .	11.9	38
12	CD4+ T cells in the lungs of acute sarcoidosis patients recognize an Aspergillus nidulans epitope. Journal of Experimental Medicine, 2021, 218, .	8.5	33
13	The structure of HLA-DR52c: Comparison to other HLA-DRB3 alleles. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11893-11897.	7.1	28
14	T cell recognition of beryllium. Current Opinion in Immunology, 2013, 25, 775-780.	5.5	18
15	Crystal structures of REF6 and its complex with DNA reveal diverse recognition mechanisms. Cell Discovery, 2020, 6, 17.	6.7	18
16	Structure of Rift Valley Fever Virus RNA-Dependent RNA Polymerase. Journal of Virology, 2022, 96, JVI0171321.	3.4	13
17	Structural insights into the interactions and epigenetic functions of human nucleic acid repair protein ALKBH6. Journal of Biological Chemistry, 2022, 298, 101671.	3.4	10
18	Structures suggest an approach for converting weak self-peptide tumor antigens into superagonists for CD8 T cells in cancer. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2100588118.	7.1	9

#	Article	IF	Citations
19	Hydrogen bonds are a primary driving force forde novoprotein folding. Acta Crystallographica Section D: Structural Biology, 2017, 73, 955-969.	2.3	9
20	A monoclonal antibody with broad specificity for the ligands of insulin B:9-23 reactive T cells prevents spontaneous type 1 diabetes in mice. MAbs, 2020, 12, 1836714.	5.2	5
21	Using DR52c/Ni2+ mimotope tetramers to detect Ni2+ reactive CD4+ T cells in patients with joint replacement failure. Toxicology and Applied Pharmacology, 2017, 331, 69-75.	2.8	3
22	HLA-DR53 (DRB4âˆ—01) associates with nickel sensitization. Annals of Allergy, Asthma and Immunology, 2020, 125, 614-616.	1.0	2
23	The T Cell Repertoires from Nickel Sensitized Joint Implant Failure Patients. International Journal of Molecular Sciences, 2021, 22, 2428.	4.1	2
24	Hydrogen bonds are a primary driving force forde novoprotein folding. Corrigendum. Acta Crystallographica Section D: Structural Biology, 2018, 74, 380-380.	2.3	1