Sinu Paul

List of Publications by Year
in descending order

40 papers	5,039 citations	249298 26 h-index	340414 39 g-index
43 all docs	43 docs citations	43 times ranked	7944 citing authors

#	Article	IF	Citations
1	Allele-Specific Thresholds of Eluted Ligands for T-Cell Epitope Prediction. Molecular and Cellular Proteomics, 2021, 20, 100122.	2.5	4
2	NetMHCpan-4.1 and NetMHCIIpan-4.0: improved predictions of MHC antigen presentation by concurrent motif deconvolution and integration of MS MHC eluted ligand data. Nucleic Acids Research, 2020, 48, W449-W454.	6.5	969
3	Benchmarking predictions of MHC class I restricted T cell epitopes in a comprehensively studied model system. PLoS Computational Biology, 2020, 16, e1007757.	1.5	60
4	Poor Antigen Processing of Poxvirus Particles Limits CD4+ T Cell Recognition and Impacts Immunogenicity of the Inactivated Vaccine. Journal of Immunology, 2019, 202, 1340-1349.	0.4	9
5	IEDB-AR: immune epitope database—analysis resource in 2019. Nucleic Acids Research, 2019, 47, W502-W506.	6.5	247
6	Major Histocompatibility Complex Binding, Eluted Ligands, and Immunogenicity: Benchmark Testing and Predictions. Frontiers in Immunology, 2019, 10, 3151.	2.2	20
7	Large-Scale Epitope Identification Screen and Its Potential Application to the Study of Alopecia Areata. Journal of Investigative Dermatology Symposium Proceedings, 2018, 19, S54-S56.	0.8	2
8	Influenza-derived peptides cross-react with allergens and provide asthma protection. Journal of Allergy and Clinical Immunology, 2018, 142, 804-814.	1.5	27
9	Footprints of antigen processing boost MHC class II natural ligand predictions. Genome Medicine, 2018, 10, 84.	3.6	86
10	A Review on T Cell Epitopes Identified Using Prediction and Cell-Mediated Immune Models for Mycobacterium tuberculosis and Bordetella pertussis. Frontiers in Immunology, 2018, 9, 2778.	2.2	41
11	Determination of a Predictive Cleavage Motif for Eluted Major Histocompatibility Complex Class II Ligands. Frontiers in Immunology, 2018, 9, 1795.	2.2	48
12	Allergen and Epitope Targets of Mouse-Specific T Cell Responses in Allergy and Asthma. Frontiers in Immunology, 2018, 9, 235.	2.2	32
13	Predicting HLA CD4 Immunogenicity in Human Populations. Frontiers in Immunology, 2018, 9, 1369.	2.2	101
14	Identification of Mycobacterial RplJ/L10 and RpsA/S1 Proteins as Novel Targets for CD4^{+}T Cells. Infection and Immunity, 2017, 85, .	1.0	13
15	Patterns of Cellular Immunity Associated with Experimental Infection with rDEN2Î”30 (Tonga/74) Support Its Suitability as a Human Dengue Virus Challenge Strain. Journal of Virology, 2017, 91, .	1.5	24
16	Identification And Characterization Of T cell Epitopes In Mouse Allergy. Journal of Allergy and Clinical Immunology, 2017, 139, AB92.	1.5	0
17	Human CD4 $^{+}$ T Cell Responses to an Attenuated Tetravalent Dengue Vaccine Parallel Those Induced by Natural Infection in Magnitude, HLA Restriction, and Antigen Specificity. Journal of Virology, 2017, 91, .	1.5	83
18	NetMHCpan-4.0: Improved Peptide–MHC Class I Interaction Predictions Integrating Eluted Ligand and Peptide Binding Affinity Data. Journal of Immunology, 2017, 199, 3360-3368.	0.4	1,153

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19	Prior Dengue Virus Exposure Shapes T Cell Immunity to Zika Virus in Humans. Journal of Virology, 2017, 91, .	1.5	148
20	Experimental validation of the RATE tool for inferring HLA restrictions of T cell epitopes. BMC Immunology, 2017, 18, 20.	0.9	17
21	Immunoproteomic analysis of house dust mite antigens reveals distinct classes of dominant T cell antigens according to function and serological reactivity. Clinical and Experimental Allergy, 2017, 47, 577-592.	1.4	26
22	The Immune Epitope Database and Analysis Resource in Epitope Discovery and Synthetic Vaccine Design. Frontiers in Immunology, 2017, 8, 278.	2.2	369
23	Definition of Human Epitopes Recognized in Tetanus Toxoid and Development of an Assay Strategy to Detect Ex Vivo Tetanus CD4+ T Cell Responses. PLoS ONE, 2017, 12, e0169086.	1.1	60
24	Role of Host-Driven Mutagenesis in Determining Genome Evolution of Sigma Virus (DMelSV;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.1	13
25	Tâ€cell recognition is shaped by epitope sequence conservation in the host proteome and microbiome. Immunology, 2016, 148, 34-39.	2.0	31
26	Immunodominance in allergic T-cell reactivity to Japanese cedar in different geographic cohorts. Annals of Allergy, Asthma and Immunology, 2016, 117, 680-689.e1.	0.5	14
27	Th1 versus Th2 T cell polarization by whole-cell and acellular childhood pertussis vaccines persists upon re-immunization in adolescence and adulthood. Cellular Immunology, 2016, 304-305, 35-43.	1.4	83
28	TepiTool: A Pipeline for Computational Prediction of T Cell Epitope Candidates. Current Protocols in Immunology, 2016, 114, 18.19.1-18.19.24.	3.6	169
29	HLA-DRB1 Alleles Are Associated With Different Magnitudes of Dengue Virusâ€"Specific CD4⁺T-Cell Responses. Journal of Infectious Diseases, 2016, 214, 1117-1124.	1.9	88
30	A Quantitative Analysis of Complexity of Human Pathogen-Specific CD4 T Cell Responses in Healthy M. tuberculosis Infected South Africans. PLoS Pathogens, 2016, 12, e1005760.	2.1	128
31	Ebola: an analysis of immunity at the molecular level. , 2015, , .		1
32	Automatic Generation of Validated Specific Epitope Sets. Journal of Immunology Research, 2015, 2015, 1-11.	0.9	90
33	Immunological consequences of intragenus conservation of<i>Mycobacterium tuberculosis</i>T-cell epitopes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E147-55.	3.3	69
34	Development and validation of a broad scheme for prediction of HLA class II restricted T cell epitopes. Journal of Immunological Methods, 2015, 422, 28-34.	0.6	171
35	A Population Response Analysis Approach To Assign Class II HLA-Epitope Restrictions. Journal of Immunology, 2015, 194, 6164-6176.	0.4	51
36	Human CD8⁺T-Cell Responses Against the 4 Dengue Virus Serotypes Are Associated With Distinct Patterns of Protein Targets. Journal of Infectious Diseases, 2015, 212, 1743-1751.	1.9	129

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37	The Use of the Immune Epitope Database to Study Autoimmune Epitope Data Related to Alopecia Areata. Journal of Investigative Dermatology Symposium Proceedings, 2015, 17, 36-41.	0.8	6
38	The Human CD8 [+] T Cell Responses Induced by a Live Attenuated Tetravalent Dengue Vaccine Are Directed against Highly Conserved Epitopes. Journal of Virology, 2015, 89, 120-128.	1.5	148
39	HLA Class I Alleles Are Associated with Peptide-Binding Repertoires of Different Size, Affinity, and Immunogenicity. Journal of Immunology, 2013, 191, 5831-5839.	0.4	249
40	Evaluating the Immunogenicity of Protein Drugs by Applying *In Vitro* MHC Binding Data and the Immune Epitope Database and Analysis Resource. Clinical and Developmental Immunology, 2013, 2013, 1-7.	3.3	50