

Randi Vita

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,119
citations

516561

16
h-index

552653

26
g-index

33
all docs

33
docs citations

33
times ranked

6516
citing authors

#	ARTICLE	IF	CITATIONS
1	The Immune Epitope Database (IEDB): 2018 update. <i>Nucleic Acids Research</i> , 2019, 47, D339-D343.	6.5	1,329
2	The immune epitope database (IEDB) 3.0. <i>Nucleic Acids Research</i> , 2015, 43, D405-D412.	6.5	1,014
3	The Immune Epitope Database 2.0. <i>Nucleic Acids Research</i> , 2010, 38, D854-D862.	6.5	538
4	Pre-existing immunity against swine-origin H1N1 influenza viruses in the general human population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20365-20370.	3.3	298
5	The Ontology for Biomedical Investigations. <i>PLoS ONE</i> , 2016, 11, e0154556.	1.1	217
6	OBO Foundry in 2021: operationalizing open data principles to evaluate ontologies. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	1.4	77
7	Immunological consequences of intragenus conservation of <i>Mycobacterium tuberculosis</i> T-cell epitopes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E147-55.	3.3	69
8	TCRMatch: Predicting T-Cell Receptor Specificity Based on Sequence Similarity to Previously Characterized Receptors. <i>Frontiers in Immunology</i> , 2021, 12, 640725.	2.2	64
9	T Cell Responses to Known Allergen Proteins Are Differently Polarized and Account for a Variable Fraction of Total Response to Allergen Extracts. <i>Journal of Immunology</i> , 2012, 189, 1800-1811.	0.4	59
10	Antibody informatics for drug discovery. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2002-2015.	1.1	58
11	An ontology for major histocompatibility restriction. <i>Journal of Biomedical Semantics</i> , 2016, 7, 1.	0.9	43
12	The Biocurator: Connecting and Enhancing Scientific Data. <i>PLoS Computational Biology</i> , 2006, 2, e125.	1.5	40
13	Epitope Specific Antibodies and T Cell Receptors in the Immune Epitope Database. <i>Frontiers in Immunology</i> , 2018, 9, 2688.	2.2	39
14	The Immune Epitope Database: How Data Are Entered and Retrieved. <i>Journal of Immunology Research</i> , 2017, 2017, 1-13.	0.9	37
15	ImmunomeBrowser: a tool to aggregate and visualize complex and heterogeneous epitopes in reference proteins. <i>Bioinformatics</i> , 2018, 34, 3931-3933.	1.8	37
16	Curation of complex, context-dependent immunological data. <i>BMC Bioinformatics</i> , 2006, 7, 341.	1.2	35
17	Query enhancement through the practical application of ontology: the IEDB and OBI. <i>Journal of Biomedical Semantics</i> , 2013, 4, S6.	0.9	14
18	Immunodominance in allergic T-cell reactivity to Japanese cedar in different geographic cohorts. <i>Annals of Allergy, Asthma and Immunology</i> , 2016, 117, 680-689.e1.	0.5	14

#	ARTICLE	IF	CITATIONS
19	FAIR principles and the IEDB: short-term improvements and a long-term vision of OBO-foundry mediated machine-actionable interoperability. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	13
20	Reporting and connecting cell type names and gating definitions through ontologies. BMC Bioinformatics, 2019, 20, 182.	1.2	9
21	Better living through ontologies at the Immune Epitope Database. Database: the Journal of Biological Databases and Curation, 2017, 2017, .	1.4	8
22	Immune Epitope Database and Analysis Resource. , 2016, , 220-224.		7
23	A behind-the-scenes tour of the IEDB curation process: an optimized process empirically integrating automation and human curation efforts. Immunology, 2020, 161, 139-147.	2.0	6
24	Standardization of assay representation in the Ontology for Biomedical Investigations. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	5
25	Reproducibility and conflicts in immune epitope data. Immunology, 2016, 147, 349-354.	2.0	4
26	Identification of errors in the IEDB using ontologies. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	1.4	4
27	Towards the prediction of non-peptidic epitopes. PLoS Computational Biology, 2022, 18, e1009151.	1.5	2
28	Ontology Development for the Immune Epitope Database. , 2009, , 47-56.		1
29	An immunologically friendly classification of non-peptidic ligands. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	0
30	Minimal Information about MHC Multimers (MIAMM). Journal of Immunology, 2022, 208, 531-537.	0.4	0