

Timothy O'Donnell

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,462
citations

933447

10
h-index

1058476

14
g-index

29
all docs

29
docs citations

29
times ranked

3254
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Systemic Inflammation and Antibody Responses in Multisystem Inflammatory Syndrome in Children (MIS-C). <i>Cell</i> , 2020, 183, 982-995.e14.	28.9	440
2	MHCflurry: Open-Source Class I MHC Binding Affinity Prediction. <i>Cell Systems</i> , 2018, 7, 129-132.e4.	6.2	311
3	Preconfiguration of the antigen-binding site during affinity maturation of a broadly neutralizing influenza virus antibody. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 264-269.	7.1	227
4	MHCflurry 2.0: Improved Pan-Allele Prediction of MHC Class I-Presented Peptides by Incorporating Antigen Processing. <i>Cell Systems</i> , 2020, 11, 42-48.e7.	6.2	172
5	Shared Immunogenic Poly-Epitope Frameshift Mutations in Microsatellite Unstable Tumors. <i>Cell</i> , 2020, 183, 1634-1649.e17.	28.9	103
6	Key mutations stabilize antigen-binding conformation during affinity maturation of a broadly neutralizing influenza antibody lineage. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015, 83, 771-780.	2.6	34
7	Chemotherapy weakly contributes to predicted neoantigen expression in ovarian cancer. <i>BMC Cancer</i> , 2018, 18, 87.	2.6	33
8	Landscape and selection of vaccine epitopes in SARS-CoV-2. <i>Genome Medicine</i> , 2021, 13, 101.	8.2	30
9	Bioinformatic methods for cancer neoantigen prediction. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 164, 25-60.	1.7	27
10	A Comprehensive Phenotypic and Functional Immune Analysis Unravels Circulating Anti-Phospholipase A2 Receptor Antibody Secreting Cells in Membranous Nephropathy Patients. <i>Kidney International Reports</i> , 2020, 5, 1764-1776.	0.8	26
11	TGM4: an immunogenic prostate-restricted antigen. , 2021, 9, e001649.		11
12	Estimating Local Costs Associated With <i>Clostridium difficile</i> Infection Using Machine Learning and Electronic Medical Records. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 1478-1486.	1.8	7
13	Repeat elements amplify TLR signaling. <i>Nature Reviews Immunology</i> , 2021, 21, 760-760.	22.7	5
14	High-Throughput MHC I Ligand Prediction Using MHCflurry. <i>Methods in Molecular Biology</i> , 2020, 2120, 113-127.	0.9	4
15	A phase I study of the safety and immunogenicity of a multi-peptide personalized genomic vaccine in the adjuvant treatment of solid tumors and hematological malignancies.. <i>Journal of Clinical Oncology</i> , 2019, 37, e14307-e14307.	1.6	2
16	Estimating Local Attributable Cost of <i>Clostridium difficile</i> Infection Using Electronic Medical Record Data. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
17	Automated Identification of Emerging Drug Resistance by Retrospective Mining of Electronic Medical Records. <i>Open Forum Infectious Diseases</i> , 2015, 2, .	0.9	0
18	Abstract A022: Computational pipeline for a personalized genomic vaccine trial. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Abstract A005: A phase I study of the safety and immunogenicity of a multi-peptide personalized genomic vaccine in the adjuvant treatment of solid cancers. , 2019, , .		0
20	Abstract B032: PhIP-seq assessment of the serum antibody repertoire before and after immune-related adverse events in four melanoma patients treated with checkpoint blockade immunotherapy. , 2019, , .		0
21	82â€¦Single-cell RNA sequencing and CITE-Seq analysis of bladder cancer patient urine with matched tumor and peripheral blood suggests urine as a window into the tumor immune microenvironment. , 2021, 9, A90-A90.		0
22	168â€¦A novel prostate-restricted tumor-associated antigen: a potential therapeutic target. , 2020, , .		0
23	478â€¦Translation of a therapeutic neoantigen vaccine workflow to SARS-CoV-2 vaccine development. , 2020, , .		0
24	289â€¦PGV-001: a phase 1 trial of a personalized neoantigen peptide vaccine for the treatment of malignancies in the adjuvant setting. , 2020, , .		0