

H Benjamin Larman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1371506/publications.pdf>

Version: 2024-02-01

40
papers

3,310
citations

304368

22
h-index

276539

41
g-index

58
all docs

58
docs citations

58
times ranked

6316
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of antibody binding specificities in twin and SNP-genotyped cohorts reveals that antiviral antibody epitope selection is a heritable trait. <i>Immunity</i> , 2022, 55, 174-184.e5.	6.6	22
2	Deconvoluting virome-wide antibody epitope reactivity profiles. <i>EBioMedicine</i> , 2022, 75, 103747.	2.7	16
3	Loss of TDP-43 function and rimmed vacuoles persist after T cell depletion in a xenograft model of sporadic inclusion body myositis. <i>Science Translational Medicine</i> , 2022, 14, eabi9196.	5.8	27
4	Phage display of environmental protein toxins and virulence factors reveals the prevalence, persistence, and genetics of antibody responses. <i>Immunity</i> , 2022, 55, 1051-1066.e4.	6.6	13
5	PhIP-Seq Reveals Autoantibodies for Ubiquitously Expressed Antigens in Viral Myocarditis. <i>Biology</i> , 2022, 11, 1055.	1.3	6
6	Evaluation of Serological SARS-CoV-2 Lateral Flow Assays for Rapid Point-of-Care Testing. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	46
7	Profiling serum antibodies with a pan allergen phage library identifies key wheat allergy epitopes. <i>Nature Communications</i> , 2021, 12, 379.	5.8	31
8	Highly multiplexed oligonucleotide probe-ligation testing enables efficient extraction-free SARS-CoV-2 detection and viral genotyping. <i>Modern Pathology</i> , 2021, 34, 1093-1103.	2.9	12
9	DeepTCR is a deep learning framework for revealing sequence concepts within T-cell repertoires. <i>Nature Communications</i> , 2021, 12, 1605.	5.8	107
10	Antibody responses to endemic coronaviruses modulate COVID-19 convalescent plasma functionality. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	58
11	Markers of Polyfunctional SARS-CoV-2 Antibodies in Convalescent Plasma. <i>MBio</i> , 2021, 12, .	1.8	57
12	TGM4: an immunogenic prostate-restricted antigen. , 2021, 9, e001649.		11
13	HIV Antibody Profiles in HIV Controllers and Persons With Treatment-Induced Viral Suppression. <i>Frontiers in Immunology</i> , 2021, 12, 740395.	2.2	6
14	Citrullination of a phage-displayed human peptidome library reveals the fine specificities of rheumatoid arthritis-associated autoantibodies. <i>EBioMedicine</i> , 2021, 71, 103506.	2.7	11
15	Robust dengue virus infection in bat cells and limited innate immune responses coupled with positive serology from bats in IndoMalaya and Australasia. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1607-1622.	2.4	11
16	LINE-1 ORF2p expression is nearly imperceptible in human cancers. <i>Mobile DNA</i> , 2020, 11, 1.	1.3	51
17	Prostate cancer research: The next generation; report from the 2019 Coffeyâ€Holden Prostate Cancer Academy Meeting. <i>Prostate</i> , 2020, 80, 113-132.	1.2	25
18	Viral epitope profiling of COVID-19 patients reveals cross-reactivity and correlates of severity. <i>Science</i> , 2020, 370, .	6.0	511

#	ARTICLE	IF	CITATIONS
19	Protease Activity Profiling via Programmable Phage Display of Comprehensive Proteome-Scale Peptide Libraries. <i>Cell Systems</i> , 2020, 11, 375-381.e4.	2.9	7
20	COVID-19 Serology at Population Scale: SARS-CoV-2-Specific Antibody Responses in Saliva. <i>Journal of Clinical Microbiology</i> , 2020, 59, .	1.8	193
21	Ultra-efficient sequencing of T Cell receptor repertoires reveals shared responses in muscle from patients with Myositis. <i>EBioMedicine</i> , 2020, 59, 102972.	2.7	11
22	Quantitative assessment of LASSO probe assembly and long-read multiplexed cloning. <i>BMC Biotechnology</i> , 2019, 19, 50.	1.7	4
23	Chronic Dengue Virus Panencephalitis in a Patient with Progressive Dementia with Extraparamidal Features. <i>Annals of Neurology</i> , 2019, 86, 695-703.	2.8	24
24	Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens. <i>Science</i> , 2019, 366, 599-606.	6.0	294
25	Comprehensive Profiling of HIV Antibody Evolution. <i>Cell Reports</i> , 2019, 27, 1422-1433.e4.	2.9	27
26	PhIP-Seq characterization of serum antibodies using oligonucleotide-encoded peptidomes. <i>Nature Protocols</i> , 2018, 13, 1958-1978.	5.5	110
27	Construction and Screening of a Lentiviral Secretome Library. <i>Cell Chemical Biology</i> , 2017, 24, 767-771.e3.	2.5	9
28	Multiplexed analysis of fixed tissue RNA using Ligation in situ Hybridization. <i>Nucleic Acids Research</i> , 2017, 45, e128-e128.	6.5	7
29	Long-adaptor single-strand oligonucleotide probes for the massively multiplexed cloning of kilobase genome regions. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	10
30	Hypophysitis Secondary to Cytotoxic T-Lymphocyte-Associated Protein 4 Blockade. <i>American Journal of Pathology</i> , 2016, 186, 3225-3235.	1.9	299
31	Comprehensive serological profiling of human populations using a synthetic human virome. <i>Science</i> , 2015, 348, aaa0698.	6.0	364
32	Ontogeny of Recognition Specificity and Functionality for the Broadly Neutralizing Anti-HIV Antibody 4E10. <i>PLoS Pathogens</i> , 2014, 10, e1004403.	2.1	27
33	Discovery of protein interactions using parallel analysis of translated ORFs (PLATO). <i>Nature Protocols</i> , 2014, 9, 90-103.	5.5	15
34	Sensitive, multiplex and direct quantification of RNA sequences using a modified RASL assay. <i>Nucleic Acids Research</i> , 2014, 42, 9146-9157.	6.5	25
35	PhIP-Seq characterization of autoantibodies from patients with multiple sclerosis, type 1 diabetes and rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2013, 43, 1-9.	3.0	83
36	Protein interaction discovery using parallel analysis of translated ORFs (PLATO). <i>Nature Biotechnology</i> , 2013, 31, 331-334.	9.4	52

#	ARTICLE	IF	CITATIONS
37	Cytosolic 5â€²â€³nucleotidase 1A autoimmunity in sporadic inclusion body myositis. <i>Annals of Neurology</i> , 2013, 73, 408-418.	2.8	230
38	Autoreactivity and Exceptional CDR Plasticity (but Not Unusual Polyspecificity) Hinder Elicitation of the Anti-HIV Antibody 4E10. <i>PLoS Pathogens</i> , 2013, 9, e1003639.	2.1	44
39	Construction of a rationally designed antibody platform for sequencing-assisted selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18523-18528.	3.3	38
40	Autoantigen discovery with a synthetic human peptidome. <i>Nature Biotechnology</i> , 2011, 29, 535-541.	9.4	267