

Eline T Luning Prak

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

5,716
citations

147801

31
h-index

98798

67
g-index

77
all docs

77
docs citations

77
times ranked

10396
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive mapping of immune perturbations associated with severe COVID-19. <i>Science Immunology</i> , 2020, 5, .	11.9	677
2	mRNA vaccines induce durable immune memory to SARS-CoV-2 and variants of concern. <i>Science</i> , 2021, 374, abm0829.	12.6	609
3	Distinct antibody and memory B cell responses in SARS-CoV-2 naïve and recovered individuals after mRNA vaccination. <i>Science Immunology</i> , 2021, 6, .	11.9	556
4	Cellular and humoral immune responses following SARS-CoV-2 mRNA vaccination in patients with multiple sclerosis on anti-CD20 therapy. <i>Nature Medicine</i> , 2021, 27, 1990-2001.	30.7	396
5	New-onset IgG autoantibodies in hospitalized patients with COVID-19. <i>Nature Communications</i> , 2021, 12, 5417.	12.8	286
6	Lipid nanoparticles enhance the efficacy of mRNA and protein subunit vaccines by inducing robust T follicular helper cell and humoral responses. <i>Immunity</i> , 2021, 54, 2877-2892.e7.	14.3	260
7	Meta-analysis of shared genetic architecture across ten pediatric autoimmune diseases. <i>Nature Medicine</i> , 2015, 21, 1018-1027.	30.7	212
8	Adaptive Immune Receptor Repertoire Community recommendations for sharing immune-repertoire sequencing data. <i>Nature Immunology</i> , 2017, 18, 1274-1278.	14.5	163
9	An atlas of B-cell clonal distribution in the human body. <i>Nature Biotechnology</i> , 2017, 35, 879-884.	17.5	150
10	CAR T-cell therapy is effective for CD19-dim B-lymphoblastic leukemia but is impacted by prior blinatumomab therapy. <i>Blood Advances</i> , 2019, 3, 3539-3549.	5.2	145
11	The Transcription Factor T-bet Resolves Memory B Cell Subsets with Distinct Tissue Distributions and Antibody Specificities in Mice and Humans. <i>Immunity</i> , 2020, 52, 842-855.e6.	14.3	144
12	B lymphocyte- α -directed immunotherapy promotes long-term islet allograft survival in nonhuman primates. <i>Nature Medicine</i> , 2007, 13, 1295-1298.	30.7	141
13	Rituximab-Treated Patients Have a Poor Response to Influenza Vaccination. <i>Journal of Clinical Immunology</i> , 2013, 33, 388-396.	3.8	111
14	The analysis of clonal expansions in normal and autoimmune B cell repertoires. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140239.	4.0	109
15	Reproducibility and Reuse of Adaptive Immune Receptor Repertoire Data. <i>Frontiers in Immunology</i> , 2017, 8, 1418.	4.8	102
16	Tracking an embryonic L1 retrotransposition event. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1832-1837.	7.1	92
17	B cell receptor editing in tolerance and autoimmunity. <i>Annals of the New York Academy of Sciences</i> , 2011, 1217, 96-121.	3.8	75
18	Comprehensive analyses of B-cell compartments across the human body reveal novel subsets and a gut-resident memory phenotype. <i>Blood</i> , 2020, 136, 2774-2785.	1.4	74

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19	Altered BCR and TLR signals promote enhanced positive selection of autoreactive transitional B cells in Wiskott-Aldrich syndrome. <i>Journal of Experimental Medicine</i> , 2015, 212, 1663-1677.	8.5	67
20	Can Immune Thrombocytopenia Be Cured with Medical Therapy?. <i>Seminars in Thrombosis and Hemostasis</i> , 2015, 41, 395-404.	2.7	63
21	Human Lymph Nodes Maintain TCF-1hi Memory T Cells with High Functional Potential and Clonal Diversity throughout Life. <i>Journal of Immunology</i> , 2018, 201, 2132-2140.	0.8	63
22	RS rearrangement frequency as a marker of receptor editing in lupus and type 1 diabetes. <i>Journal of Experimental Medicine</i> , 2008, 205, 2985-2994.	8.5	61
23	A longitudinal analysis of SLE patients treated with rituximab (anti-CD20): Factors associated with B lymphocyte recovery. <i>Clinical Immunology</i> , 2008, 126, 282-290.	3.2	57
24	A randomized controlled study of convalescent plasma for individuals hospitalized with COVID-19 pneumonia. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	51
25	ImmuneDB, a Novel Tool for the Analysis, Storage, and Dissemination of Immune Repertoire Sequencing Data. <i>Frontiers in Immunology</i> , 2018, 9, 2107.	4.8	49
26	Altered function and differentiation of age-associated B cells contribute to the female bias in lupus mice. <i>Nature Communications</i> , 2021, 12, 4813.	12.8	47
27	Computational Evaluation of B-Cell Clone Sizes in Bulk Populations. <i>Frontiers in Immunology</i> , 2018, 9, 1472.	4.8	46
28	ImmuneDB: a system for the analysis and exploration of high-throughput adaptive immune receptor sequencing data. <i>Bioinformatics</i> , 2017, 33, 292-293.	4.1	42
29	Baseline Immunoglobulin E Levels as a Marker of Doxorubicin- and Trastuzumab-Associated Cardiac Dysfunction. <i>Circulation Research</i> , 2016, 119, 1135-1144.	4.5	40
30	The Future of Blood Testing Is the Immunome. <i>Frontiers in Immunology</i> , 2021, 12, 626793.	4.8	39
31	Phase 2 study of the safety and efficacy of umbralisib in patients with CLL who are intolerant to BTK or PI3K γ inhibitor therapy. <i>Blood</i> , 2021, 137, 2817-2826.	1.4	38
32	RAG2 mutants alter DSB repair pathway choice in vivo and illuminate the nature of "alternative NHEJ" TM . <i>Nucleic Acids Research</i> , 2014, 42, 6352-6364.	14.5	35
33	Maintenance of the human memory T cell repertoire by subset and tissue site. <i>Genome Medicine</i> , 2021, 13, 100.	8.2	35
34	Heterogeneity of human anti-viral immunity shaped by virus, tissue, age, and sex. <i>Cell Reports</i> , 2021, 37, 110071.	6.4	34
35	Lymphohematopoietic graft-versus-host responses promote mixed chimerism in patients receiving intestinal transplantation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	31
36	Impaired receptor editing and heterozygous RAG2 mutation in a patient with systemic lupus erythematosus and erosive arthritis. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 272-273.	2.9	30

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37	Discrimination of germline V genes at different sequencing lengths and mutational burdens: A new tool for identifying and evaluating the reliability of V gene assignment. <i>Journal of Immunological Methods</i> , 2015, 427, 105-116.	1.4	29
38	BTK inhibition limits B-cell-T-cell interaction through modulation of B-cell metabolism: implications for multiple sclerosis therapy. <i>Acta Neuropathologica</i> , 2022, 143, 505-521.	7.7	29
39	Long-term outcomes after gene therapy for adenosine deaminase severe combined immune deficiency. <i>Blood</i> , 2021, 138, 1304-1316.	1.4	28
40	Circulating B cells in type 1 diabetics exhibit fewer maturation-associated phenotypes. <i>Clinical Immunology</i> , 2017, 183, 336-343.	3.2	26
41	B cell development in chromosome 22q11.2 deletion syndrome. <i>Clinical Immunology</i> , 2016, 163, 1-9.	3.2	24
42	IgA Plasma Cells Are Long-Lived Residents of Gut and Bone Marrow That Express Isotype- and Tissue-Specific Gene Expression Patterns. <i>Frontiers in Immunology</i> , 2021, 12, 791095.	4.8	22
43	Biological controls for standardization and interpretation of adaptive immune receptor repertoire profiling. <i>ELife</i> , 2021, 10, .	6.0	21
44	Trials and Tribulations with VH Replacement. <i>Frontiers in Immunology</i> , 2014, 5, 10.	4.8	19
45	The concentration of fetal red blood cells in first-trimester pregnant women undergoing uterine aspiration is below the calculated threshold for Rh sensitization. <i>Contraception</i> , 2020, 102, 1-6.	1.5	19
46	Trivalent nucleoside-modified mRNA vaccine yields durable memory B cell protection against genital herpes in preclinical models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	17
47	Postvaccination graft dysfunction/aplastic anemia relapse with massive clonal expansion of autologous CD8+ lymphocytes. <i>Blood Advances</i> , 2020, 4, 1378-1382.	5.2	16
48	TCR+/BCR+ dual-expressing cells and their associated public BCR clonotype are not enriched in type 1 diabetes. <i>Cell</i> , 2021, 184, 827-839.e14.	28.9	16
49	Age-Related Trends in Pediatric B-Cell Subsets. <i>Pediatric and Developmental Pathology</i> , 2011, 14, 45-52.	1.0	14
50	Circulating lymphocyte subsets in normal adults are variable and can be clustered into subgroups. <i>Cytometry Part B - Clinical Cytometry</i> , 2011, 80B, 291-299.	1.5	14
51	Phase I/II Study of Umbralisib (TGR-1202) in Combination with Ublituximab (TG-1101) and Pembrolizumab in Patients with Relapsed/Refractory CLL and Richter's Transformation. <i>Blood</i> , 2018, 132, 297-297.	1.4	14
52	IgV somatic mutation of human anti-SARS-CoV-2 monoclonal antibodies governs neutralization and breadth of reactivity. <i>JCI Insight</i> , 2021, 6, .	5.0	13
53	2008 ACLPS Panel Discussion on Resident Education in Clinical Pathology. <i>American Journal of Clinical Pathology</i> , 2009, 131, 618-622.	0.7	11
54	Transcriptome and unique cytokine microenvironment of Castleman disease. <i>Modern Pathology</i> , 2022, 35, 451-461.	5.5	10

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55	Point: Developing a Curriculum in Clinical Pathology. <i>Clinical Chemistry</i> , 2006, 52, 969-971.	3.2	9
56	No increase in inflammation in late-life major depression screened to exclude physical illness. <i>Translational Psychiatry</i> , 2022, 12, 118.	4.8	9
57	BlyS neutralization results in selective anti-HLA alloantibody depletion without successful desensitization. <i>Transplant Immunology</i> , 2021, 69, 101465.	1.2	7
58	Analysis of B cell subsets following pancreatic islet cell transplantation in a patient with type 1 diabetes by cytometric fingerprinting. <i>Journal of Immunological Methods</i> , 2011, 363, 233-244.	1.4	6
59	Characterization of Plasmacytoid Dendritic Cells, Microbial Sequences, and Identification of a Candidate Public T-Cell Clone in Kikuchi-Fujimoto Disease. <i>Pediatric and Developmental Pathology</i> , 2021, 24, 193-205.	1.0	4
60	TNFRSF13B genotypes control immune-mediated pathology by regulating the functions of innate B cells. <i>JCI Insight</i> , 2021, 6, .	5.0	4
61	Dramatic increase in gene mutational burden after transformation of follicular lymphoma into TdT+B-lymphoblastic leukemia/lymphoma. <i>Journal of Physical Education and Sports Management</i> , 2020, 6, a004614.	1.2	3
62	All Clones Are Not Equal: Somatic Hypermutation Significantly Enhances The Utility Of Tumor Tagging Rearrangements At IG Light Chain Loci In B Cell Malignancy. <i>Blood</i> , 2013, 122, 1376-1376.	1.4	3
63	AIRR Community Guide to Planning and Performing AIRR-Seq Experiments. <i>Methods in Molecular Biology</i> , 2022, , 261-278.	0.9	3
64	Mining the Antibody Repertoire for Solutions to SARS-CoV-2. <i>Cell Host and Microbe</i> , 2020, 28, 499-501.	11.0	2
65	Restoring balance to B cells in ADA deficiency. <i>Journal of Clinical Investigation</i> , 2012, 122, 1960-1962.	8.2	2
66	Fatal accelerated rejection with a prominent natural killer cell infiltrate in a heart transplant recipient with peripartum cardiomyopathy. <i>Transplant Immunology</i> , 2018, 47, 49-54.	1.2	1
67	Hypercytokine-Producing Cells and Oligoclonal T-Cell Populations in Lymph Nodes from Castleman Disease Patients. <i>Blood</i> , 2018, 132, 3725-3725.	1.4	0