

# Eugene M Oltz

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,407  
citations

236925

25  
h-index

289244

40  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4589  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Colonic Crypt Protects Stem Cells from Microbiota-Derived Metabolites. <i>Cell</i> , 2016, 165, 1708-1720.	28.9	484
2	Neutralizing antibody responses elicited by SARS-CoV-2 mRNA vaccination wane over time and are boosted by breakthrough infection. <i>Science Translational Medicine</i> , 2022, 14, eabn8057.	12.4	150
3	SARS-CoV-2 spreads through cell-to-cell transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	145
4	Subsets of ILC3 <sup>+</sup> ILC1-like cells generate a diversity spectrum of innate lymphoid cells in human mucosal tissues. <i>Nature Immunology</i> , 2019, 20, 980-991.	14.5	141
5	Distinct Gene Regulatory Pathways for Human Innate versus Adaptive Lymphoid Cells. <i>Cell</i> , 2016, 165, 1134-1146.	28.9	134
6	Gene Regulatory Programs Conferring Phenotypic Identities to Human NK Cells. <i>Cell</i> , 2019, 176, 348-360.e12.	28.9	125
7	Neutralization of SARS-CoV-2 Omicron sub-lineages BA.1, BA.1.1, and BA.2. <i>Cell Host and Microbe</i> , 2022, 30, 1093-1102.e3.	11.0	114
8	DNA double-strand breaks induce H2Ax phosphorylation domains in a contact-dependent manner. <i>Nature Communications</i> , 2020, 11, 3158.	12.8	97
9	<i>Toxoplasma gondii</i> infection drives conversion of NK cells into ILC1-like cells. <i>ELife</i> , 2019, 8, .	6.0	91
10	Neutralizing antibody against SARS-CoV-2 spike in COVID-19 patients, health care workers, and convalescent plasma donors. <i>JCI Insight</i> , 2020, 5, .	5.0	86
11	The histone methyltransferase SETDB1 represses endogenous and exogenous retroviruses in B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8367-8372.	7.1	78
12	Circadian rhythm <sup>+</sup> dependent and circadian rhythm <sup>-</sup> independent impacts of the molecular clock on type 3 innate lymphoid cells. <i>Science Immunology</i> , 2019, 4, .	11.9	65
13	Enhancer Sequence Variants and Transcription-Factor Deregulation Synergize to Construct Pathogenic Regulatory Circuits in B-Cell Lymphoma. <i>Immunity</i> , 2015, 42, 186-198.	14.3	64
14	Blood natural killer cell deficiency reveals an immunotherapy strategy for atopic dermatitis. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	57
15	Lineage-specific compaction of <i>Tcrb</i> requires a chromatin barrier to protect the function of a long-range tethering element. <i>Journal of Experimental Medicine</i> , 2015, 212, 107-120.	8.5	54
16	Unifying model for molecular determinants of the preselection V <sup>β</sup> 2 repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3206-15.	7.1	50
17	Mapping of Variable DNA Methylation Across Multiple Cell Types Defines a Dynamic Regulatory Landscape of the Human Genome. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 973-986.	1.8	41
18	Functional Intersection of ATM and DNA-Dependent Protein Kinase Catalytic Subunit in Coding End Joining during V(D)J Recombination. <i>Molecular and Cellular Biology</i> , 2013, 33, 3568-3579.	2.3	39

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19	Barrier-to-Autointegration Factor 1 Protects against a Basal cGAS-STING Response. <i>MBio</i> , 2020, 11, .	4.1	33
20	Neutralization of SARS-CoV-2 Variants of Concern Harboring Q677H. <i>MBio</i> , 2021, 12, e0251021.	4.1	33
21	Impaired neutralizing antibody response to COVID-19 mRNA vaccines in cancer patients. <i>Cell and Bioscience</i> , 2021, 11, 197.	4.8	32
22	HCoDES Reveals Chromosomal DNA End Structures with Single-Nucleotide Resolution. <i>Molecular Cell</i> , 2014, 56, 808-818.	9.7	31
23	Enhanced epigenetic profiling of classical human monocytes reveals a specific signature of healthy aging in the DNA methylome. <i>Nature Aging</i> , 2021, 1, 124-141.	11.6	30
24	A B-Cell-Specific Enhancer Orchestrates Nuclear Architecture to Generate a Diverse Antigen Receptor Repertoire. <i>Molecular Cell</i> , 2019, 73, 48-60.e5.	9.7	29
25	Regulation of Tcrb Gene Assembly by Genetic, Epigenetic, and Topological Mechanisms. <i>Advances in Immunology</i> , 2015, 128, 273-306.	2.2	27
26	Caspase-4/11 exacerbates disease severity in SARS-CoV-2 infection by promoting inflammation and immunothrombosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2202012119.	7.1	25
27	NKG2D-NKG2D Ligand Interaction Inhibits the Outgrowth of Naturally Arising Low-Grade B Cell Lymphoma In Vivo. <i>Journal of Immunology</i> , 2016, 196, 4805-4813.	0.8	19
28	Regional Gene Repression by DNA Double-Strand Breaks in G <sub>1</sub> Phase Cells. <i>Molecular and Cellular Biology</i> , 2019, 39, .	2.3	15
29	cis-Regulatory Circuits Regulating NEK6 Kinase Overexpression in Transformed B Cells Are Super-Enhancer Independent. <i>Cell Reports</i> , 2017, 18, 2918-2931.	6.4	14
30	Whole-genome profiling of DNA methylation and hydroxymethylation identifies distinct regulatory programs among innate lymphocytes. <i>Nature Immunology</i> , 2022, 23, 619-631.	14.5	14
31	CYLD and the NEMO Zinc Finger Regulate Tumor Necrosis Factor Signaling and Early Embryogenesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 22076-22084.	3.4	11
32	Domain-Specific and Stage-Intrinsic Changes in Tcrb Conformation during Thymocyte Development. <i>Journal of Immunology</i> , 2015, 195, 1262-1272.	0.8	11
33	Activation of Mouse Tcrb: Uncoupling RUNX1 Function from Its Cooperative Binding with ETS1. <i>Journal of Immunology</i> , 2017, 199, 1131-1141.	0.8	10
34	Cancer-associated exportin-6 upregulation inhibits the transcriptionally repressive and anticancer effects of nuclear profilin-1. <i>Cell Reports</i> , 2021, 34, 108749.	6.4	9
35	Gene Regulatory Circuits in Innate and Adaptive Immune Cells. <i>Annual Review of Immunology</i> , 2022, 40, 387-411.	21.8	6
36	Short-Circuiting Gene Regulatory Networks: Origins of B Cell Lymphoma. <i>Trends in Genetics</i> , 2015, 31, 720-731.	6.7	5

#	ARTICLE	IF	CITATIONS
37	Targeted epigenetic repression of a lymphoma oncogene by sequence-specific histone modifiers induces apoptosis in DLBCL. <i>Leukemia and Lymphoma</i> , 2017, 58, 445-456.	1.3	5
38	Loss of synergistic transcriptional feedback loops drives diverse B-cell cancers. <i>EBioMedicine</i> , 2021, 71, 103559.	6.1	1
39	Defining the Malignant Epigenome in Non-Hodgkin Lymphoma. <i>Blood</i> , 2012, 120, 524-524.	1.4	1