

# Eyal David

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

19,310  
citations

38742

50  
h-index

118850

62  
g-index

69  
all docs

69  
docs citations

69  
times ranked

31334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early antitumor activity of oral Langerhans cells is compromised by a carcinogen. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	15
2	The interaction of CD4+ helper T cells with dendritic cells shapes the tumor microenvironment and immune checkpoint blockade response. Nature Cancer, 2022, 3, 303-317.	13.2	85
3	LGR5 expressing skin fibroblasts define a major cellular hub perturbed in scleroderma. Cell, 2022, 185, 1373-1388.e20.	28.9	50
4	Physically interacting beta-delta pairs in the regenerating pancreas revealed by single-cell sequencing. Molecular Metabolism, 2022, 60, 101467.	6.5	0
5	DestVI identifies continuums of cell types in spatial transcriptomics data. Nature Biotechnology, 2022, 40, 1360-1369.	17.5	75
6	Identification of resistance pathways and therapeutic targets in relapsed multiple myeloma patients through single-cell sequencing. Nature Medicine, 2021, 27, 491-503.	30.7	118
7	Transneuronal Dpr12/DIPa interactions facilitate compartmentalized dopaminergic innervation of <i>Drosophila</i> mushroom body axons. EMBO Journal, 2021, 40, e105763.	7.8	15
8	XCR1+ type 1 conventional dendritic cells drive liver pathology in non-alcoholic steatohepatitis. Nature Medicine, 2021, 27, 1043-1054.	30.7	95
9	Multi-tissue single-cell analysis deconstructs the complex programs of mouse natural killer and type 1 innate lymphoid cells in tissues and circulation. Immunity, 2021, 54, 1320-1337.e4.	14.3	77
10	Single-cell analysis of regions of interest (SCARI) using a photosensitive tag. Nature Chemical Biology, 2021, 17, 1139-1147.	8.0	13
11	TLR2 Dimerization Blockade Allows Generation of Homeostatic Intestinal Macrophages under Acute Colitis Challenge. Journal of Immunology, 2020, 204, 707-717.	0.8	4
12	Coupled scRNA-Seq and Intracellular Protein Activity Reveal an Immunosuppressive Role of TREM2 in Cancer. Cell, 2020, 182, 872-885.e19.	28.9	298
13	Host-Viral Infection Maps Reveal Signatures of Severe COVID-19 Patients. Cell, 2020, 181, 1475-1488.e12.	28.9	405
14	Dissecting cellular crosstalk by sequencing physically interacting cells. Nature Biotechnology, 2020, 38, 629-637.	17.5	187
15	C/EBPβ-Dependent Epigenetic Memory Induces Trained Immunity in Hematopoietic Stem Cells. Cell Stem Cell, 2020, 26, 657-674.e8.	11.1	180
16	Cancer-associated fibroblast compositions change with breast cancer progression linking the ratio of S100A4+ and PDPN+ CAFs to clinical outcome. Nature Cancer, 2020, 1, 692-708.	13.2	159
17	Defining murine monocyte differentiation into colonic and ileal macrophages. ELife, 2020, 9, .	6.0	25
18	Deletion of a Csf1r enhancer selectively impacts CSF1R expression and development of tissue macrophage populations. Nature Communications, 2019, 10, 3215.	12.8	191

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19	Lipid-Associated Macrophages Control Metabolic Homeostasis in a Trem2-Dependent Manner. <i>Cell</i> , 2019, 178, 686-698.e14.	28.9	718
20	ETS Proteins Bind with Glucocorticoid Receptors: Relevance for Treatment of Ewing Sarcoma. <i>Cell Reports</i> , 2019, 29, 104-117.e4.	6.4	16
21	IL-23-producing IL-10-deficient gut macrophages elicit an IL-22-driven proinflammatory epithelial cell response. <i>Science Immunology</i> , 2019, 4, .	11.9	68
22	MARS-seq2.0: an experimental and analytical pipeline for indexed sorting combined with single-cell RNA sequencing. <i>Nature Protocols</i> , 2019, 14, 1841-1862.	12.0	200
23	DC Respond to Cognate T Cell Interaction in the Antigen-Challenged Lymph Node. <i>Frontiers in Immunology</i> , 2019, 10, 863.	4.8	16
24	Single-Cell Analysis of Diverse Pathogen Responses Defines a Molecular Roadmap for Generating Antigen-Specific Immunity. <i>Cell Systems</i> , 2019, 8, 109-121.e6.	6.2	39
25	Cross-Species Single-Cell Analysis Reveals Divergence of the Primate Microglia Program. <i>Cell</i> , 2019, 179, 1609-1622.e16.	28.9	292
26	Dysfunctional CD8 T Cells Form a Proliferative, Dynamically Regulated Compartment within Human Melanoma. <i>Cell</i> , 2019, 176, 775-789.e18.	28.9	760
27	Microglial MHC class II is dispensable for experimental autoimmune encephalomyelitis and cuprizone-induced demyelination. <i>European Journal of Immunology</i> , 2018, 48, 1308-1318.	2.9	71
28	Engrafted parenchymal brain macrophages differ from microglia in transcriptome, chromatin landscape and response to challenge. <i>Nature Communications</i> , 2018, 9, 5206.	12.8	166
29	Single cell dissection of plasma cell heterogeneity in symptomatic and asymptomatic myeloma. <i>Nature Medicine</i> , 2018, 24, 1867-1876.	30.7	179
30	Combining Developmental and Perturbation-Seq Uncovers Transcriptional Modules Orchestrating Neuronal Remodeling. <i>Developmental Cell</i> , 2018, 47, 38-52.e6.	7.0	56
31	Lung Single-Cell Signaling Interaction Map Reveals Basophil Role in Macrophage Imprinting. <i>Cell</i> , 2018, 175, 1031-1044.e18.	28.9	332
32	Paired-cell sequencing enables spatial gene expression mapping of liver endothelial cells. <i>Nature Biotechnology</i> , 2018, 36, 962-970.	17.5	262
33	Re-evaluating microglia expression profiles using RiboTag and cell isolation strategies. <i>Nature Immunology</i> , 2018, 19, 636-644.	14.5	175
34	Trained Memory of Human Uterine NK Cells Enhances Their Function in Subsequent Pregnancies. <i>Immunity</i> , 2018, 48, 951-962.e5.	14.3	230
35	Single-cell mapping of the thymic stroma identifies IL-25-producing tuft epithelial cells. <i>Nature</i> , 2018, 559, 622-626.	27.8	235
36	Dissection of Influenza Infection In Vivo by Single-Cell RNA Sequencing. <i>Cell Systems</i> , 2018, 6, 679-691.e4.	6.2	165

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37	Induction of CD4 T cell memory by local cellular collectivity. <i>Science</i> , 2018, 360, .	12.6	75
38	Systemic Human ILC Precursors Provide a Substrate for Tissue ILC Differentiation. <i>Cell</i> , 2017, 168, 1086-1100.e10.	28.9	420
39	Single-cell spatial reconstruction reveals global division of labour in the mammalian liver. <i>Nature</i> , 2017, 542, 352-356.	27.8	809
40	Genomic Characterization of Murine Monocytes Reveals C/EBP $\beta$ Transcription Factor Dependence of Ly6C <sup>hi</sup> Cells. <i>Immunity</i> , 2017, 46, 849-862.e7.	14.3	233
41	Brown-adipose-tissue macrophages control tissue innervation and homeostatic energy expenditure. <i>Nature Immunology</i> , 2017, 18, 665-674.	14.5	200
42	Dicer Deficiency Differentially Impacts Microglia of the Developing and Adult Brain. <i>Immunity</i> , 2017, 46, 1030-1044.e8.	14.3	68
43	A Unique Microglia Type Associated with Restricting Development of Alzheimer's Disease. <i>Cell</i> , 2017, 169, 1276-1290.e17.	28.9	3,282
44	Autonomous TNF is critical for in vivo monocyte survival in steady state and inflammation. <i>Journal of Experimental Medicine</i> , 2017, 214, 905-917.	8.5	63
45	Transcriptional programs that control expression of the autoimmune regulator gene Aire. <i>Nature Immunology</i> , 2017, 18, 161-172.	14.5	81
46	Mef2C restrains microglial inflammatory response and is lost in brain ageing in an IFN-I-dependent manner. <i>Nature Communications</i> , 2017, 8, 717.	12.8	157
47	Spatial reconstruction of immune niches by combining photoactivatable reporters and scRNA-seq. <i>Science</i> , 2017, 358, 1622-1626.	12.6	176
48	Ly6Chi Monocytes and Their Macrophage Descendants Regulate Neutrophil Function and Clearance in Acetaminophen-Induced Liver Injury. <i>Frontiers in Immunology</i> , 2017, 8, 626.	4.8	74
49	Microbiota Diurnal Rhythmicity Programs Host Transcriptome Oscillations. <i>Cell</i> , 2016, 167, 1495-1510.e12.	28.9	591
50	Dissecting Immune Circuits by Linking CRISPR-Pooled Screens with Single-Cell RNA-Seq. <i>Cell</i> , 2016, 167, 1883-1896.e15.	28.9	604
51	Extracellular Matrix Proteolysis by MT1-MMP Contributes to Influenza-Related Tissue Damage and Mortality. <i>Cell Host and Microbe</i> , 2016, 20, 458-470.	11.0	82
52	The Spectrum and Regulatory Landscape of Intestinal Innate Lymphoid Cells Are Shaped by the Microbiome. <i>Cell</i> , 2016, 166, 1231-1246.e13.	28.9	465
53	Distinct biological events generated by ECM proteolysis by two homologous collagenases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10884-10889.	7.1	34
54	Co-ChIP enables genome-wide mapping of histone mark co-occurrence at single-molecule resolution. <i>Nature Biotechnology</i> , 2016, 34, 953-961.	17.5	81

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55	Microglia development follows a stepwise program to regulate brain homeostasis. <i>Science</i> , 2016, 353, aad8670.	12.6	911
56	PD-1 immune checkpoint blockade reduces pathology and improves memory in mouse models of Alzheimer's disease. <i>Nature Medicine</i> , 2016, 22, 135-137.	30.7	286
57	Microbiota-Modulated Metabolites Shape the Intestinal Microenvironment by Regulating NLRP6 Inflammasome Signaling. <i>Cell</i> , 2015, 163, 1428-1443.	28.9	728
58	Transcriptional Heterogeneity and Lineage Commitment in Myeloid Progenitors. <i>Cell</i> , 2015, 163, 1663-1677.	28.9	875
59	Chronic exposure to TGF $\beta$ 1 regulates myeloid cell inflammatory response in an IRF7-dependent manner. <i>EMBO Journal</i> , 2014, 33, 2906-2921.	7.8	95
60	Tissue-Resident Macrophage Enhancer Landscapes Are Shaped by the Local Microenvironment. <i>Cell</i> , 2014, 159, 1312-1326.	28.9	1,705
61	A Negative Feedback Loop of Transcription Factors Specifies Alternative Dendritic Cell Chromatin States. <i>Molecular Cell</i> , 2014, 56, 749-762.	9.7	58
62	Chromatin state dynamics during blood formation. <i>Science</i> , 2014, 345, 943-949.	12.6	699
63	Aging-induced type I interferon response at the choroid plexus negatively affects brain function. <i>Science</i> , 2014, 346, 89-93.	12.6	463