

# Matthew S Hayden

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7980655/publications.pdf>

Version: 2024-02-01

57  
papers

22,101  
citations

117453

34  
h-index

168136

53  
g-index

58  
all docs

58  
docs citations

58  
times ranked

30482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shared Principles in NF- $\kappa$ B Signaling. <i>Cell</i> , 2008, 132, 344-362.	13.5	4,027
2	Signaling to NF- $\kappa$ B. <i>Genes and Development</i> , 2004, 18, 2195-2224.	2.7	3,444
3	NF- $\kappa$ B, Inflammation, and Metabolic Disease. <i>Cell Metabolism</i> , 2011, 13, 11-22.	7.2	1,564
4	Crosstalk in NF- $\kappa$ B signaling pathways. <i>Nature Immunology</i> , 2011, 12, 695-708.	7.0	1,499
5	NF- $\kappa$ B, the first quarter-century: remarkable progress and outstanding questions. <i>Genes and Development</i> , 2012, 26, 203-234.	2.7	1,404
6	New regulators of NF- $\kappa$ B in inflammation. <i>Nature Reviews Immunology</i> , 2008, 8, 837-848.	10.6	1,163
7	NF- $\kappa$ B and the immune response. <i>Oncogene</i> , 2006, 25, 6758-6780.	2.6	1,050
8	A Toll-like Receptor That Prevents Infection by Uropathogenic Bacteria. <i>Science</i> , 2004, 303, 1522-1526.	6.0	909
9	TLR11 Activation of Dendritic Cells by a Protozoan Profilin-Like Protein. <i>Science</i> , 2005, 308, 1626-1629.	6.0	862
10	NF- $\kappa$ B in immunobiology. <i>Cell Research</i> , 2011, 21, 223-244.	5.7	802
11	Regulation of NF- $\kappa$ B by TNF family cytokines. <i>Seminars in Immunology</i> , 2014, 26, 253-266.	2.7	755
12	Virologic and Immunologic Consequences of Discontinuing Combination Antiretroviral-Drug Therapy in HIV-Infected Patients with Detectable Viremia. <i>New England Journal of Medicine</i> , 2001, 344, 472-480.	13.9	672
13	TAK1, but not TAB1 or TAB2, plays an essential role in multiple signaling pathways in vivo. <i>Genes and Development</i> , 2005, 19, 2668-2681.	2.7	632
14	Nuclear Factor- $\kappa$ B Modulates Regulatory T Cell Development by Directly Regulating Expression of Foxp3 Transcription Factor. <i>Immunity</i> , 2009, 31, 921-931.	6.6	348
15	Recognition of Profilin by Toll-like Receptor 12 Is Critical for Host Resistance to <i>Toxoplasma gondii</i> . <i>Immunity</i> , 2013, 38, 119-130.	6.6	279
16	PK1 Nucleates T Cell Receptor-Induced Signaling Complex for NF- $\kappa$ B Activation. <i>Science</i> , 2005, 308, 114-118.	6.0	230
17	NF- $\kappa$ B c-Rel Is Crucial for the Regulatory T Cell Immune Checkpoint in Cancer. <i>Cell</i> , 2017, 170, 1096-1108.e13.	13.5	222
18	A Mouse Model of Salmonella Typhi Infection. <i>Cell</i> , 2012, 151, 590-602.	13.5	189

#	ARTICLE	IF	CITATIONS
19	Celebrating 25 years of NF- $\kappa$ B research. <i>Immunological Reviews</i> , 2012, 246, 5-13.	2.8	179
20	I $\kappa$ B $\beta$ acts to inhibit and activate gene expression during the inflammatory response. <i>Nature</i> , 2010, 466, 1115-1119.	13.7	175
21	An NF- $\kappa$ B Transcription-Factor-Dependent Lineage-Specific Transcriptional Program Promotes Regulatory T Cell Identity and Function. <i>Immunity</i> , 2017, 47, 450-465.e5.	6.6	161
22	T Regulatory Cells Maintain Intestinal Homeostasis by Suppressing $\beta$ 17 T Cells. <i>Immunity</i> , 2010, 33, 791-803.	6.6	148
23	Induction of innate immune memory via microRNA targeting of chromatin remodelling factors. <i>Nature</i> , 2018, 559, 114-119.	13.7	145
24	Impaired replication of protease inhibitor-resistant HIV-1 in human thymus. <i>Nature Medicine</i> , 2001, 7, 712-718.	15.2	141
25	Repression of gene expression by unphosphorylated NF- $\kappa$ B p65 through epigenetic mechanisms. <i>Genes and Development</i> , 2008, 22, 1159-1173.	2.7	124
26	The kinase PDK1 integrates T cell antigen receptor and CD28 coreceptor signaling to induce NF- $\kappa$ B and activate T cells. <i>Nature Immunology</i> , 2009, 10, 158-166.	7.0	119
27	CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. <i>Journal of Cell Biology</i> , 2006, 172, 1045-1056.	2.3	110
28	Constitutively active NF- $\kappa$ B triggers systemic TNF $\alpha$ -dependent inflammation and localized TNF $\alpha$ -independent inflammatory disease. <i>Genes and Development</i> , 2010, 24, 1709-1717.	2.7	87
29	The Alternative NF- $\kappa$ B Pathway in Regulatory T Cell Homeostasis and Suppressive Function. <i>Journal of Immunology</i> , 2018, 200, 2362-2371.	0.4	74
30	An Essential Role for ECSIT in Mitochondrial Complex I Assembly and Mitophagy in Macrophages. <i>Cell Reports</i> , 2018, 22, 2654-2666.	2.9	74
31	SnapShot: NF- $\kappa$ B Signaling Pathways. <i>Cell</i> , 2006, 127, 1286.e1-1286.e2.	13.5	67
32	Toll-Like Receptor 11 (TLR11) Interacts with Flagellin and Profilin through Disparate Mechanisms. <i>PLoS ONE</i> , 2016, 11, e0148987.	1.1	52
33	mTORC1-independent Raptor prevents hepatic steatosis by stabilizing PHLPP2. <i>Nature Communications</i> , 2016, 7, 10255.	5.8	49
34	Cutting Edge: NF- $\kappa$ B p65 and c-Rel Control Epidermal Development and Immune Homeostasis in the Skin. <i>Journal of Immunology</i> , 2015, 194, 2472-2476.	0.4	41
35	Epithelial TRAF6 drives IL-17-mediated psoriatic inflammation. <i>JCI Insight</i> , 2018, 3, .	2.3	36
36	Doxycycline is an NF- $\kappa$ B inhibitor that induces apoptotic cell death in malignant T-cells. <i>Oncotarget</i> , 2016, 7, 75954-75967.	0.8	35

#	ARTICLE	IF	CITATIONS
37	PDK1 Is a Regulator of Epidermal Differentiation that Activates and Organizes Asymmetric Cell Division. <i>Cell Reports</i> , 2016, 15, 1615-1623.	2.9	34
38	A Role for NF- $\kappa$ B Activity in Skin Hyperplasia and the Development of Keratoacanthomata in Mice. <i>PLoS ONE</i> , 2013, 8, e71887.	1.1	26
39	Regulation of Fibroblast Growth Factor-inducible 14 (Fn14) Expression Levels via Ligand-independent Lysosomal Degradation. <i>Journal of Biological Chemistry</i> , 2014, 289, 12976-12988.	1.6	24
40	The Kinase PDK1 Is Essential for B-Cell Receptor Mediated Survival Signaling. <i>PLoS ONE</i> , 2013, 8, e55378.	1.1	20
41	Evaluation of the Relationship between Alopecia Areata and Viral Antigen Exposure. <i>American Journal of Clinical Dermatology</i> , 2018, 19, 119-126.	3.3	17
42	Transition from Heterotypic to Homotypic PDK1 Homodimerization Is Essential for TCR-Mediated NF- $\kappa$ B Activation. <i>Journal of Immunology</i> , 2013, 190, 4508-4515.	0.4	16
43	Mice Lacking TLR11 Exhibit Variable <i>Salmonella typhi</i> Susceptibility. <i>Cell</i> , 2016, 164, 829-830.	13.5	14
44	Protease inhibitor-resistant HIV-1 from patients with preserved CD4 cell counts is cytopathic in activated CD4 T lymphocytes. <i>Aids</i> , 2001, 15, 179-184.	1.0	11
45	A less-canonical, canonical NF- $\kappa$ B pathway in DCs. <i>Nature Immunology</i> , 2012, 13, 1139-1141.	7.0	10
46	PKK deletion in basal keratinocytes promotes tumorigenesis after chemical carcinogenesis. <i>Carcinogenesis</i> , 2018, 39, 418-428.	1.3	10
47	Innate sense of purpose for IKK $\kappa$ <sup>2</sup> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17348-17349.	3.3	9
48	Real-time quantitation of HIV-1 p24 and SIV p27 using fluorescence-linked antigen quantification assays. <i>Aids</i> , 2003, 17, 629-631.	1.0	9
49	Gene editing in dermatology: Harnessing CRISPR for the treatment of cutaneous disease. <i>F1000Research</i> , 2020, 9, 281.	0.8	8
50	PDK1 Is Required for Maintenance of CD4+ Foxp3+ Regulatory T Cell Function. <i>Journal of Immunology</i> , 2021, 206, 1776-1783.	0.4	7
51	Analysis of CRISPR/Cas9 Guide RNA Efficiency and Specificity Against Genetically Diverse HIV-1 Isolates. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 862-874.	0.5	6
52	Electrophoretic Mobility Shift Assay Analysis of NF- $\kappa$ B DNA Binding. <i>Methods in Molecular Biology</i> , 2015, 1280, 3-13.	0.4	6
53	Response to Comment on "PDK1 Nucleates T Cell Receptor-Induced Signaling Complex for NF- $\kappa$ B Activation". <i>Science</i> , 2006, 312, 55b-55b.	6.0	5
54	Keeping cartographers busy. <i>Nature Cell Biology</i> , 2004, 6, 87-89.	4.6	0

#	ARTICLE	IF	CITATIONS
55	Molecular cues for asymmetric cell division in epidermis. <i>Journal of Dermatological Science</i> , 2016, 84, e55.	1.0	0
56	NF- $\kappa$ B in the Innate Immune System. , 2006, , 107-129.		0
57	NF- $\kappa$ B in the Adaptive Immune System. , 2006, , 131-157.		0