Matthew S Hayden

List of Publications by Year
in descending order

57 papers	22,101 citations	117625 34 h-index	168389 53 g-index
58 all docs	58 docs citations	58 times ranked	30482 citing authors

#	Article	IF	Citations
1	Shared Principles in NF-ÎºB Signaling. Cell, 2008, 132, 344-362.	28.9	4,027
2	Signaling to NF-ÎºB. Genes and Development, 2004, 18, 2195-2224.	5.9	3,444
3	NF-ÎºB, Inflammation, and Metabolic Disease. Cell Metabolism, 2011, 13, 11-22.	16.2	1,564
4	Crosstalk in NF-ÎºB signaling pathways. Nature Immunology, 2011, 12, 695-708.	14.5	1,499
5	NF-ÎºB, the first quarter-century: remarkable progress and outstanding questions. Genes and Development, 2012, 26, 203-234.	5.9	1,404
6	New regulators of NF-ÎºB in inflammation. Nature Reviews Immunology, 2008, 8, 837-848.	22.7	1,163
7	NF-ÎºB and the immune response. Oncogene, 2006, 25, 6758-6780.	5.9	1,050
8	A Toll-like Receptor That Prevents Infection by Uropathogenic Bacteria. Science, 2004, 303, 1522-1526.	12.6	909
9	TLR11 Activation of Dendritic Cells by a Protozoan Profilin-Like Protein. Science, 2005, 308, 1626-1629.	12.6	862
10	NF-ÎºB in immunobiology. Cell Research, 2011, 21, 223-244.	12.0	802
11	Regulation of NF-ÎºB by TNF family cytokines. Seminars in Immunology, 2014, 26, 253-266.	5.6	755
12	Virologic and Immunologic Consequences of Discontinuing Combination Antiretroviral-Drug Therapy in HIV-Infected Patients with Detectable Viremia. New England Journal of Medicine, 2001, 344, 472-480.	27.0	672
13	TAK1, but not TAB1 or TAB2, plays an essential role in multiple signaling pathways in vivo. Genes and Development, 2005, 19, 2668-2681.	5.9	632
14	Nuclear Factor-ÎºB Modulates Regulatory T Cell Development by Directly Regulating Expression of Foxp3 Transcription Factor. Immunity, 2009, 31, 921-931.	14.3	348
15	Recognition of Profilin by Toll-like Receptor 12 Is Critical for Host Resistance to Toxoplasma gondii. Immunity, 2013, 38, 119-130.	14.3	279
16	PDK1 Nucleates T Cell Receptor-Induced Signaling Complex for NF-ÂB Activation. Science, 2005, 308, 114-118.	12.6	230
17	NF-ÎºB c-Rel Is Crucial for the Regulatory T Cell Immune Checkpoint in Cancer. Cell, 2017, 170, 1096-1108.e13.	28.9	222
18	A Mouse Model of Salmonella Typhi Infection. Cell, 2012, 151, 590-602.	28.9	189

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19	Celebrating 25â€ƒyears of NFâ€ÎºB research. Immunological Reviews, 2012, 246, 5-13.	6.0	179
20	IÎºBÎ² acts to inhibit and activate gene expression during the inflammatory response. Nature, 2010, 466, 1115-1119.	27.8	175
21	An NF-ÎºB Transcription-Factor-Dependent Lineage-Specific Transcriptional Program Promotes Regulatory T Cell Identity and Function. Immunity, 2017, 47, 450-465.e5.	14.3	161
22	T Regulatory Cells Maintain Intestinal Homeostasis by Suppressing Î³Î´ T Cells. Immunity, 2010, 33, 791-803.	14.3	148
23	Induction of innate immune memory via microRNA targeting of chromatin remodelling factors. Nature, 2018, 559, 114-119.	27.8	145
24	Impaired replication of protease inhibitor-resistant HIV-1 in human thymus. Nature Medicine, 2001, 7, 712-718.	30.7	141
25	Repression of gene expression by unphosphorylated NF-ÎºB p65 through epigenetic mechanisms. Genes and Development, 2008, 22, 1159-1173.	5.9	124
26	The kinase PDK1 integrates T cell antigen receptor and CD28 coreceptor signaling to induce NF-ÎºB and activate T cells. Nature Immunology, 2009, 10, 158-166.	14.5	119
27	CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. Journal of Cell Biology, 2006, 172, 1045-1056.	5.2	110
28	Constitutively active NF-ÎºB triggers systemic TNFÎ±-dependent inflammation and localized TNFÎ±-independent inflammatory disease. Genes and Development, 2010, 24, 1709-1717.	5.9	87
29	The Alternative NF-ÎºB Pathway in Regulatory T Cell Homeostasis and Suppressive Function. Journal of Immunology, 2018, 200, 2362-2371.	0.8	74
30	An Essential Role for ECSIT in Mitochondrial Complex I Assembly and Mitophagy in Macrophages. Cell Reports, 2018, 22, 2654-2666.	6.4	74
31	SnapShot: NF-ÎºB Signaling Pathways. Cell, 2006, 127, 1286.e1-1286.e2.	28.9	67
32	Toll-Like Receptor 11 (TLR11) Interacts with Flagellin and Profilin through Disparate Mechanisms. PLoS ONE, 2016, 11, e0148987.	2.5	52
33	mTORC1-independent Raptor prevents hepatic steatosis by stabilizing PHLPP2. Nature Communications, 2016, 7, 10255.	12.8	49
34	Cutting Edge: NF-ÎºB p65 and c-Rel Control Epidermal Development and Immune Homeostasis in the Skin. Journal of Immunology, 2015, 194, 2472-2476.	0.8	41
35	Epithelial TRAF6 drives IL-17â€“mediated psoriatic inflammation. JCI Insight, 2018, 3, .	5.0	36
36	Doxycycline is an NF-ÎºB inhibitor that induces apoptotic cell death in malignant T-cells. Oncotarget, 2016, 7, 75954-75967.	1.8	35

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37	PDK1 Is a Regulator of Epidermal Differentiation that Activates and Organizes Asymmetric Cell Division. Cell Reports, 2016, 15, 1615-1623.	6.4	34
38	A Role for NF-Î²B Activity in Skin Hyperplasia and the Development of Keratoacanthomata in Mice. PLoS ONE, 2013, 8, e71887.	2.5	26
39	Regulation of Fibroblast Growth Factor-inducible 14 (Fn14) Expression Levels via Ligand-independent Lysosomal Degradation. Journal of Biological Chemistry, 2014, 289, 12976-12988.	3.4	24
40	The Kinase PDK1 Is Essential for B-Cell Receptor Mediated Survival Signaling. PLoS ONE, 2013, 8, e55378.	2.5	20
41	Evaluation of the Relationship between Alopecia Areata and Viral Antigen Exposure. American Journal of Clinical Dermatology, 2018, 19, 119-126.	6.7	17
42	Transition from Heterotypic to Homotypic PDK1 Homodimerization Is Essential for TCR-Mediated NF-Î²B Activation. Journal of Immunology, 2013, 190, 4508-4515.	0.8	16
43	Mice Lacking TLR11 Exhibit Variable Salmonella typhi Susceptibility. Cell, 2016, 164, 829-830.	28.9	14
44	Protease inhibitor-resistant HIV-1 from patients with preserved CD4 cell counts is cytopathic in activated CD4 T lymphocytes. Aids, 2001, 15, 179-184.	2.2	11
45	A less-canonical, canonical NF-Î²B pathway in DCs. Nature Immunology, 2012, 13, 1139-1141.	14.5	10
46	PKK deletion in basal keratinocytes promotes tumorigenesis after chemical carcinogenesis. Carcinogenesis, 2018, 39, 418-428.	2.8	10
47	Innate sense of purpose for IKKÎ². Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17348-17349.	7.1	9
48	Real-time quantitation of HIV-1 p24 and SIV p27 using fluorescence-linked antigen quantification assays. Aids, 2003, 17, 629-631.	2.2	9
49	Gene editing in dermatology: Harnessing CRISPR for the treatment of cutaneous disease. F1000Research, 2020, 9, 281.	1.6	8
50	PDK1 Is Required for Maintenance of CD4+ Foxp3+ Regulatory T Cell Function. Journal of Immunology, 2021, 206, 1776-1783.	0.8	7
51	Analysis of CRISPR/Cas9 Guide RNA Efficiency and Specificity Against Genetically Diverse HIV-1 Isolates. AIDS Research and Human Retroviruses, 2020, 36, 862-874.	1.1	6
52	Electrophoretic Mobility Shift Assay Analysis of NF-Î²B DNA Binding. Methods in Molecular Biology, 2015, 1280, 3-13.	0.9	6
53	Response to Comment on "PDK1 Nucleates T Cell Receptor-Induced Signaling Complex for NF-ÂB Activation". Science, 2006, 312, 55b-55b.	12.6	5
54	Keeping cartographers busy. Nature Cell Biology, 2004, 6, 87-89.	10.3	0

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55	Molecular cues for asymmetric cell division in epidermis. Journal of Dermatological Science, 2016, 84, e55.	1.9	0
56	NF-_B in the Innate Immune System. , 2006, , 107-129.		0
57	NF-_B in the Adaptive Immune System. , 2006, , 131-157.		0