Michelle A Kelliher

List of Publications by Year
in descending order

61 papers	9,101 citations	101543 36 h-index	149698 56 g-index
61 all docs	61 docs citations	61 times ranked	13273 citing authors

#	Article	IF	Citations
1	The Death Domain Kinase RIP Mediates the TNF-Induced NF-ÎºB Signal. Immunity, 1998, 8, 297-303.	14.3	1,026
2	RIP1 is an essential mediator of Toll-like receptor 3â€"induced NF-ÎºB activation. Nature Immunology, 2004, 5, 503-507.	14.5	744
3	Pathogen blockade of TAK1 triggers caspase-8â€"dependent cleavage of gasdermin D and cell death. Science, 2018, 362, 1064-1069.	12.6	639
4	RNA G-quadruplexes cause eIF4A-dependent oncogene translation in cancer. Nature, 2014, 513, 65-70.	27.8	506
5	RIPK1 Blocks Early Postnatal Lethality Mediated by Caspase-8 and RIPK3. Cell, 2014, 157, 1189-1202.	28.9	452
6	RIPK1 mediates axonal degeneration by promoting inflammation and necroptosis in ALS. Science, 2016, 353, 603-608.	12.6	448
7	RIPK1 maintains epithelial homeostasis by inhibiting apoptosis and necroptosis. Nature, 2014, 513, 90-94.	27.8	439
8	BET Bromodomain Proteins Function as Master Transcription Elongation Factors Independent of CDK9 Recruitment. Molecular Cell, 2017, 67, 5-18.e19.	9.7	347
9	An epigenetic mechanism of resistance to targeted therapy in T cell acute lymphoblastic leukemia. Nature Genetics, 2014, 46, 364-370.	21.4	333
10	Rip1 Mediates the Trif-dependent Toll-like Receptor 3- and 4-induced NF-ÎºB Activation but Does Not Contribute to Interferon Regulatory Factor 3 Activation. Journal of Biological Chemistry, 2005, 280, 36560-36566.	3.4	273
11	RIPK1 mediates a disease-associated microglial response in Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8788-E8797.	7.1	265
12	Core Transcriptional Regulatory Circuit Controlled by the TAL1 Complex in Human T Cell Acute Lymphoblastic Leukemia. Cancer Cell, 2012, 22, 209-221.	16.8	262
13	Cutting Edge: RIPK1 Kinase Inactive Mice Are Viable and Protected from TNF-Induced Necroptosis In Vivo. Journal of Immunology, 2014, 193, 1539-1543.	0.8	256
14	Caspase-8 and RIP kinases regulate bacteria-induced innate immune responses and cell death. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7391-7396.	7.1	250
15	Notch1 Contributes to Mouse T-Cell Leukemia by Directly Inducing the Expression of c -myc. Molecular and Cellular Biology, 2006, 26, 8022-8031.	2.3	241
16	NOD2, RIP2 and IRF5 Play a Critical Role in the Type I Interferon Response to Mycobacterium tuberculosis. PLoS Pathogens, 2009, 5, e1000500.	4.7	239
17	RIPK1 and RIPK3 Kinases Promote Cell-Death-Independent Inflammation by Toll-like Receptor 4. Immunity, 2016, 45, 46-59.	14.3	228
18	The Public Repository of Xenografts Enables Discovery and Randomized Phase II-like Trials in Mice. Cancer Cell, 2016, 29, 574-586.	16.8	227

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19	Maturation Stage of T-cell Acute Lymphoblastic Leukemia Determines BCL-2 versus BCL-XL Dependence and Sensitivity to ABT-199. Cancer Discovery, 2014, 4, 1074-1087.	9.4	201
20	NEMO Prevents RIP Kinase 1-Mediated Epithelial Cell Death and Chronic Intestinal Inflammation by NF-Î°B-Dependent and -Independent Functions. Immunity, 2016, 44, 553-567.	14.3	157
21	ATACseqQC: a Bioconductor package for post-alignment quality assessment of ATAC-seq data. BMC Genomics, 2018, 19, 169.	2.8	153
22	RIP1-driven autoinflammation targets IL-1Î± independently of inflammasomes and RIP3. Nature, 2013, 498, 224-227.	27.8	149
23	c-Myc inhibition prevents leukemia initiation in mice and impairs the growth of relapsed and induction failure pediatric T-ALL cells. Blood, 2014, 123, 1040-1050.	1.4	129
24	NEMO Prevents Steatohepatitis and Hepatocellular Carcinoma by Inhibiting RIPK1 Kinase Activity-Mediated Hepatocyte Apoptosis. Cancer Cell, 2015, 28, 582-598.	16.8	98
25	Sequential activation of necroptosis and apoptosis cooperates to mediate vascular and neural pathology in stroke. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4959-4970.	7.1	98
26	Notch1 inhibition targets the leukemia-initiating cells in a Tal1/Lmo2 mouse model of T-ALL. Blood, 2011, 118, 1579-1590.	1.4	89
27	Hematopoietic RIPK1 deficiency results in bone marrow failure caused by apoptosis and RIPK3-mediated necroptosis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14436-14441.	7.1	83
28	CYLD Proteolysis Protects Macrophages from TNF-Mediated Auto-necroptosis Induced by LPS and Licensed by Type I IFN. Cell Reports, 2016, 15, 2449-2461.	6.4	83
29	RIP Links TLR4 to Akt and Is Essential for Cell Survival in Response to LPS Stimulation. Journal of Experimental Medicine, 2004, 200, 399-404.	8.5	69
30	Elevated A20 promotes TNF-induced and RIPK1-dependent intestinal epithelial cell death. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9192-E9200.	7.1	66
31	The pseudokinase MLKL activates PAD4-dependent NET formation in necroptotic neutrophils. Science Signaling, 2018, 11, .	3.6	65
32	RUNX1 is required for oncogenic Myb and Myc enhancer activity in T-cell acute lymphoblastic leukemia. Blood, 2017, 130, 1722-1733.	1.4	64
33	Oncogenic hijacking of the stress response machinery in T cell acute lymphoblastic leukemia. Nature Medicine, 2018, 24, 1157-1166.	30.7	63
34	The DNA binding activity of TAL-1 is not required to induce leukemia/lymphoma in mice. Oncogene, 2001, 20, 3897-3905.	5.9	55
35	Kinase Activities of RIPK1 and RIPK3 Can Direct IFN-Î² Synthesis Induced by Lipopolysaccharide. Journal of Immunology, 2017, 198, 4435-4447.	0.8	51
36	NOTCH Signaling in T-Cell-Mediated Anti-Tumor Immunity and T-Cell-Based Immunotherapies. Frontiers in Immunology, 2018, 9, 1718.	4.8	47

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37	Ptpn6 inhibits caspase-8- and Ripk3/Mlkl-dependent inflammation. Nature Immunology, 2020, 21, 54-64.	14.5	33
38	Dendritic Cell RIPK1 Maintains Immune Homeostasis by Preventing Inflammation and Autoimmunity. Journal of Immunology, 2018, 200, 737-748.	0.8	30
39	RIPK1 Mediates TNF-Induced Intestinal Crypt Apoptosis During Chronic NF-Î°B Activation. Cellular and Molecular Gastroenterology and Hepatology, 2020, 9, 295-312.	4.5	26
40	Mdm2 Phosphorylation Regulates Its Stability and Has Contrasting Effects on Oncogene and Radiation-Induced Tumorigenesis. Cell Reports, 2016, 16, 2618-2629.	6.4	24
41	Therapeutic targeting of LCK tyrosine kinase and mTOR signaling in T-cell acute lymphoblastic leukemia. Blood, 2022, 140, 1891-1906.	1.4	19
42	CK2 inhibitor CX-4945 destabilizes NOTCH1 and synergizes with JQ1 against human T-acute lymphoblastic leukemic cells. Haematologica, 2017, 102, e17-e21.	3.5	15
43	NOTCH1 Represses MCL-1 Levels in GSI-resistant T-ALL, Making them Susceptible to ABT-263. Clinical Cancer Research, 2019, 25, 312-324.	7.0	11
44	Prostaglandin E2 stimulates cAMP signaling and resensitizes human leukemia cells to glucocorticoid-induced cell death. Blood, 2021, 137, 500-512.	1.4	9
45	Phosphorylation of the Mdm2 oncoprotein by the c-Abl tyrosine kinase regulates p53 tumor suppression and the radiosensitivity of mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 15024-15029.	7.1	7
46	T cellâ€“derived tumor necrosis factor induces cytotoxicity by activating RIPK1-dependent target cell death. JCI Insight, 2021, 6, .	5.0	7
47	Connecting immune deficiency and inflammation. Science, 2018, 361, 756-757.	12.6	5
48	Deletion-Based Mechanisms of Notch1 Activation In T-ALL: Key Roles for RAG Recombinase and A Conserved Internal Translational Start Site In Notch1.. Blood, 2010, 116, 3367-3367.	1.4	5
49	High-Throughput Screening of Tyrosine Kinase Inhibitor Resistant Genes in CML. Methods in Molecular Biology, 2016, 1465, 159-173.	0.9	4
50	ESRRB regulates glucocorticoid gene expression in mice and patients with acute lymphoblastic leukemia. Blood Advances, 2020, 4, 3154-3168.	5.2	3
51	Leukemia Propagating Cells Akt Up. Cancer Cell, 2014, 25, 263-265.	16.8	2
52	Activating Notch1 Mutations in Mouse Models of T-ALL.. Blood, 2005, 106, 2609-2609.	1.4	2
53	Analyzing Necroptosis Using an RIPK1 Kinase Inactive Mouse Model of TNF Shock. Methods in Molecular Biology, 2018, 1857, 125-134.	0.9	1
54	BID-ding on necroptosis in MDS. Blood, 2019, 133, 103-104.	1.4	1

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55	Identifying Mechanisms of Glucocorticoid Resistance in Relapsed Pediatric T-ALL. Blood, 2016, 128, 2769-2769.	1.4	1
56	TYK2-STAT1 Pathway Positively Regulates BCL2 Gene Expression in T-Cell Acute Lymphoblastic Leukemia. Blood, 2012, 120, 1470-1470.	1.4	1
57	Tal1 and a DNA Binding Mutant (Tal1R188G;R189G) Cooperate with LMO2 To Induce Leukemia in Mice.. Blood, 2006, 108, 1414-1414.	1.4	0
58	Abstract PR02: Targeting NOTCH1 and C-MYC in humanized models of relapsed and induction failure pediatric T-ALL. , 2014, , .		0
59	Ripk-Mediated Necroptosis Induces Inflammation and Bone Marrow Failure in Mice. Blood, 2014, 124, 1599-1599.	1.4	0
60	IFNÎ³-Induced Necroptosis Contributes to Hematopoietic Stem and Progenitor Cell Death and Bone Marrow Failure. Blood, 2016, 128, 1485-1485.	1.4	0
61	JAK/STAT Pathway Inhibition Reverts IL7-Induced Glucocorticoid Resistance in a Subset of Human T-Cell Acute Lymphoblastic Leukemia. Blood, 2016, 128, 3963-3963.	1.4	0