William J Kaiser

List of Publications by Year
in descending order

49 papers	12,905 citations	66343 42 h-index	189892 50 g-index
51 all docs	51 docs citations	51 times ranked	14279 citing authors

#	Article	IF	Citations
1	Necroptosis-based CRISPR knockout screen reveals Neuropilin-1 as a critical host factor for early stages of murine cytomegalovirus infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20109-20116.	7.1	25
2	Necroptosis restricts influenza A virus as a stand-alone cell death mechanism. Journal of Experimental Medicine, 2020, 217, .	8.5	60
3	Influenza Virus Z-RNAs Induce ZBP1-Mediated Necroptosis. Cell, 2020, 180, 1115-1129.e13.	28.9	288
4	Z-nucleic-acid sensing triggers ZBP1-dependent necroptosis and inflammation. Nature, 2020, 580, 391-395.	27.8	243
5	ZBP1/DAI Drives RIPK3-Mediated Cell Death Induced by IFNs in the Absence of RIPK1. Journal of Immunology, 2019, 203, 1348-1355.	0.8	72
6	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
7	Species-independent contribution of ZBP1/DAI/DLM-1-triggered necroptosis in host defense against HSV1. Cell Death and Disease, 2018, 9, 816.	6.3	88
8	MLKL Requires the Inositol Phosphate Code to Execute Necroptosis. Molecular Cell, 2018, 70, 936-948.e7.	9.7	111
9	TLR-stimulated IRAKM activates caspase-8 inflammasome in microglia and promotes neuroinflammation. Journal of Clinical Investigation, 2018, 128, 5399-5412.	8.2	78
10	DAI Another Way: Necroptotic Control of Viral Infection. Cell Host and Microbe, 2017, 21, 290-293.	11.0	19
11	A RIPtide Protects Neurons from Infection. Cell Host and Microbe, 2017, 21, 415-416.	11.0	1
12	Murine cytomegalovirus <scp>IE</scp>3â€dependent transcription is required for <scp>DAI</scp>/<scp>ZBP</scp>1â€mediated necroptosis. EMBO Reports, 2017, 18, 1429-1441.	4.5	71
13	ESCRTing Necroptosis. Cell, 2017, 169, 186-187.	28.9	8
14	Mouse cytomegalovirus M36 and M45 death suppressors cooperate to prevent inflammation resulting from antiviral programmed cell death pathways. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2786-E2795.	7.1	56
15	RIPK1 prevents aberrant ZBP1-initiated necroptosis. Oncotarget, 2017, 8, 1-2.	1.8	53
16	RIPK3 Activates Parallel Pathways of MLKL-Driven Necroptosis and FADD-Mediated Apoptosis to Protect against Influenza A Virus. Cell Host and Microbe, 2016, 20, 13-24.	11.0	299
17	T cellâ€“intrinsic ASC critically promotes TH17-mediated experimental autoimmune encephalomyelitis. Nature Immunology, 2016, 17, 583-592.	14.5	127
18	Herpes Simplex Virus Suppresses Necroptosis in Human Cells. Cell Host and Microbe, 2015, 17, 243-251.	11.0	221

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19	Caspase-8 as an Effector and Regulator of NLRP3 Inflammasome Signaling. Journal of Biological Chemistry, 2015, 290, 20167-20184.	3.4	169
20	Manipulation of apoptosis and necroptosis signaling by herpesviruses. Medical Microbiology and Immunology, 2015, 204, 439-448.	4.8	85
21	Molecular crosstalk between apoptosis, necroptosis, and survival signaling. Molecular and Cellular Oncology, 2015, 2, e975093.	0.7	142
22	Suppression of RIP3-dependent Necroptosis by Human Cytomegalovirus. Journal of Biological Chemistry, 2015, 290, 11635-11648.	3.4	118
23	Necroptosis: The Trojan horse in cell autonomous antiviral host defense. Virology, 2015, 479-480, 160-166.	2.4	94
24	TNFR1-dependent cell death drives inflammation in Sharpin-deficient mice. ELife, 2014, 3, .	6.0	232
25	RIP3 Induces Apoptosis Independent of Pronecrotic Kinase Activity. Molecular Cell, 2014, 56, 481-495.	9.7	470
26	Is SIRT2 required for necroptosis?. Nature, 2014, 506, E4-E6.	27.8	23
27	RIP1 suppresses innate immune necrotic as well as apoptotic cell death during mammalian parturition. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7753-7758.	7.1	248
28	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
29	Caspase-8 Modulates Dectin-1 and Complement Receptor 3â€"Driven IL-1Î² Production in Response to Î²-Glucans and the Fungal Pathogen, <i>Candida albicans</i>. Journal of Immunology, 2014, 193, 2519-2530.	0.8	114
30	Cutting Edge: RIP1 Kinase Activity Is Dispensable for Normal Development but Is a Key Regulator of Inflammation in SHARPIN-Deficient Mice. Journal of Immunology, 2014, 192, 5476-5480.	0.8	312
31	True Grit: Programmed Necrosis in Antiviral Host Defense, Inflammation, and Immunogenicity. Journal of Immunology, 2014, 192, 2019-2026.	0.8	68
32	Viral modulation of programmed necrosis. Current Opinion in Virology, 2013, 3, 296-306.	5.4	134
33	Toll-like Receptor 3-mediated Necrosis via TRIF, RIP3, and MLKL. Journal of Biological Chemistry, 2013, 288, 31268-31279.	3.4	727
34	Proapoptotic Chemotherapeutic Drugs Induce Noncanonical Processing and Release of IL-1Î² via Caspase-8 in Dendritic Cells. Journal of Immunology, 2013, 191, 4789-4803.	0.8	101
35	Cutting Edge: FAS (CD95) Mediates Noncanonical IL-1Î² and IL-18 Maturation via Caspase-8 in an RIP3-Independent Manner. Journal of Immunology, 2012, 189, 5508-5512.	0.8	254
36	DAI/ZBP1/DLM-1 Complexes with RIP3 to Mediate Virus-Induced Programmed Necrosis that Is Targeted by Murine Cytomegalovirus vIRA. Cell Host and Microbe, 2012, 11, 290-297.	11.0	601

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37	Viral infection and the evolution of caspase 8-regulated apoptotic and necrotic death pathways. Nature Reviews Immunology, 2012, 12, 79-88.	22.7	266
38	RIP3 mediates the embryonic lethality of caspase-8-deficient mice. Nature, 2011, 471, 368-372.	27.8	881
39	Virus Inhibition of RIP3-Dependent Necrosis. Cell Host and Microbe, 2010, 7, 302-313.	11.0	494
40	Receptor-Interacting Protein Homotypic Interaction Motif-Dependent Control of NF-Î°B Activation via the DNA-Dependent Activator of IFN Regulatory Factors. Journal of Immunology, 2008, 181, 6427-6434.	0.8	224
41	Cytomegalovirus M45 Cell Death Suppression Requires Receptor-interacting Protein (RIP) Homotypic Interaction Motif (RHIM)-dependent Interaction with RIP1. Journal of Biological Chemistry, 2008, 283, 16966-16970.	3.4	165
42	Protein Kinase R Mediates Intestinal Epithelial Gene Remodeling in Response to Double-Stranded RNA and Live Rotavirus. Journal of Immunology, 2005, 174, 6322-6331.	0.8	50
43	Apoptosis Induced by the Toll-Like Receptor Adaptor TRIF Is Dependent on Its Receptor Interacting Protein Homotypic Interaction Motif. Journal of Immunology, 2005, 174, 4942-4952.	0.8	322
44	IFN-Î± Sensitizes Human Umbilical Vein Endothelial Cells to Apoptosis Induced by Double-Stranded RNA. Journal of Immunology, 2004, 172, 1699-1710.	0.8	56
45	TheDrosophilainhibitor of apoptosis D-IAP1 suppresses cell death induced by the caspase drICE. FEBS Letters, 1998, 440, 243-248.	2.8	102
46	Baculovirus Regulation of Apoptosis. Seminars in Virology, 1998, 8, 445-452.	3.9	28
47	A Mutational Analysis of the Baculovirus Inhibitor of Apoptosis Op-IAP. Journal of Biological Chemistry, 1998, 273, 33915-33921.	3.4	61
48	Inhibitor of Apoptosis Proteins Physically Interact with and Block Apoptosis Induced by <i>Drosophila</i> Proteins HID and GRIM. Molecular and Cellular Biology, 1998, 18, 3300-3309.	2.3	208
49	Anti- and pro-apoptotic activities of baculovirus and Drosophila IAPs in an insect cell line. Cell Death and Differentiation, 1997, 4, 733-744.	11.2	42