

William J Kaiser

List of Publications by Year in descending order

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49
papers

12,905
citations

66234

42
h-index

189595

50
g-index

51
all docs

51
docs citations

51
times ranked

14279
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
2	RIP3 mediates the embryonic lethality of caspase-8-deficient mice. <i>Nature</i> , 2011, 471, 368-372.	13.7	881
3	Toll-like Receptor 3-mediated Necrosis via TRIF, RIP3, and MLKL. <i>Journal of Biological Chemistry</i> , 2013, 288, 31268-31279.	1.6	727
4	DAI/ZBP1/DLM-1 Complexes with RIP3 to Mediate Virus-Induced Programmed Necrosis that Is Targeted by Murine Cytomegalovirus vIRA. <i>Cell Host and Microbe</i> , 2012, 11, 290-297.	5.1	601
5	Virus Inhibition of RIP3-Dependent Necrosis. <i>Cell Host and Microbe</i> , 2010, 7, 302-313.	5.1	494
6	RIP3 Induces Apoptosis Independent of Pronecrotic Kinase Activity. <i>Molecular Cell</i> , 2014, 56, 481-495.	4.5	470
7	Apoptosis Induced by the Toll-Like Receptor Adaptor TRIF Is Dependent on Its Receptor Interacting Protein Homotypic Interaction Motif. <i>Journal of Immunology</i> , 2005, 174, 4942-4952.	0.4	322
8	Cutting Edge: RIP1 Kinase Activity Is Dispensable for Normal Development but Is a Key Regulator of Inflammation in SHARPIN-Deficient Mice. <i>Journal of Immunology</i> , 2014, 192, 5476-5480.	0.4	312
9	RIPK3 Activates Parallel Pathways of MLKL-Driven Necroptosis and FADD-Mediated Apoptosis to Protect against Influenza A Virus. <i>Cell Host and Microbe</i> , 2016, 20, 13-24.	5.1	299
10	Influenza Virus Z-RNAs Induce ZBP1-Mediated Necroptosis. <i>Cell</i> , 2020, 180, 1115-1129.e13.	13.5	288
11	Viral infection and the evolution of caspase 8-regulated apoptotic and necrotic death pathways. <i>Nature Reviews Immunology</i> , 2012, 12, 79-88.	10.6	266
12	Cutting Edge: FAS (CD95) Mediates Noncanonical IL-1 β and IL-18 Maturation via Caspase-8 in an RIP3-Independent Manner. <i>Journal of Immunology</i> , 2012, 189, 5508-5512.	0.4	254
13	Caspase-8 and RIP kinases regulate bacteria-induced innate immune responses and cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7391-7396.	3.3	250
14	RIP1 suppresses innate immune necrotic as well as apoptotic cell death during mammalian parturition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7753-7758.	3.3	248
15	Z-nucleic-acid sensing triggers ZBP1-dependent necroptosis and inflammation. <i>Nature</i> , 2020, 580, 391-395.	13.7	243
16	TNFR1-dependent cell death drives inflammation in Sharpin-deficient mice. <i>ELife</i> , 2014, 3, .	2.8	232
17	Receptor-Interacting Protein Homotypic Interaction Motif-Dependent Control of NF- κ B Activation via the DNA-Dependent Activator of IFN Regulatory Factors. <i>Journal of Immunology</i> , 2008, 181, 6427-6434.	0.4	224
18	Herpes Simplex Virus Suppresses Necroptosis in Human Cells. <i>Cell Host and Microbe</i> , 2015, 17, 243-251.	5.1	221

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19	Inhibitor of Apoptosis Proteins Physically Interact with and Block Apoptosis Induced by <i>Drosophila</i> Proteins HID and GRIM. <i>Molecular and Cellular Biology</i> , 1998, 18, 3300-3309.	1.1	208
20	Caspase-8 as an Effector and Regulator of NLRP3 Inflammasome Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 20167-20184.	1.6	169
21	Cytomegalovirus M45 Cell Death Suppression Requires Receptor-interacting Protein (RIP) Homotypic Interaction Motif (RHIM)-dependent Interaction with RIP1. <i>Journal of Biological Chemistry</i> , 2008, 283, 16966-16970.	1.6	165
22	Molecular crosstalk between apoptosis, necroptosis, and survival signaling. <i>Molecular and Cellular Oncology</i> , 2015, 2, e975093.	0.3	142
23	Viral modulation of programmed necrosis. <i>Current Opinion in Virology</i> , 2013, 3, 296-306.	2.6	134
24	T cell-intrinsic ASC critically promotes TH17-mediated experimental autoimmune encephalomyelitis. <i>Nature Immunology</i> , 2016, 17, 583-592.	7.0	127
25	Suppression of RIP3-dependent Necroptosis by Human Cytomegalovirus. <i>Journal of Biological Chemistry</i> , 2015, 290, 11635-11648.	1.6	118
26	Caspase-8 Modulates Dectin-1 and Complement Receptor 3-Driven IL-1 β Production in Response to β -Glucans and the Fungal Pathogen, <i>Candida albicans</i> . <i>Journal of Immunology</i> , 2014, 193, 2519-2530.	0.4	114
27	MLKL Requires the Inositol Phosphate Code to Execute Necroptosis. <i>Molecular Cell</i> , 2018, 70, 936-948.e7.	4.5	111
28	The <i>Drosophila</i> inhibitor of apoptosis D-IAP1 suppresses cell death induced by the caspase drICE. <i>FEBS Letters</i> , 1998, 440, 243-248.	1.3	102
29	Proapoptotic Chemotherapeutic Drugs Induce Noncanonical Processing and Release of IL-1 β via Caspase-8 in Dendritic Cells. <i>Journal of Immunology</i> , 2013, 191, 4789-4803.	0.4	101
30	Necroptosis: The Trojan horse in cell autonomous antiviral host defense. <i>Virology</i> , 2015, 479-480, 160-166.	1.1	94
31	Species-independent contribution of ZBP1/DAI/DLM-1-triggered necroptosis in host defense against HSV1. <i>Cell Death and Disease</i> , 2018, 9, 816.	2.7	88
32	Manipulation of apoptosis and necroptosis signaling by herpesviruses. <i>Medical Microbiology and Immunology</i> , 2015, 204, 439-448.	2.6	85
33	TLR-stimulated IRAK4 activates caspase-8 inflammasome in microglia and promotes neuroinflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 5399-5412.	3.9	78
34	ZBP1/DAI Drives RIPK3-Mediated Cell Death Induced by IFNs in the Absence of RIPK1. <i>Journal of Immunology</i> , 2019, 203, 1348-1355.	0.4	72
35	Murine cytomegalovirus β -dependent transcription is required for DAI/ZBP1-mediated necroptosis. <i>EMBO Reports</i> , 2017, 18, 1429-1441.	2.0	71
36	True Grit: Programmed Necrosis in Antiviral Host Defense, Inflammation, and Immunogenicity. <i>Journal of Immunology</i> , 2014, 192, 2019-2026.	0.4	68

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37	A Mutational Analysis of the Baculovirus Inhibitor of Apoptosis Op-IAP. <i>Journal of Biological Chemistry</i> , 1998, 273, 33915-33921.	1.6	61
38	Necroptosis restricts influenza A virus as a stand-alone cell death mechanism. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	60
39	IFN- γ Sensitizes Human Umbilical Vein Endothelial Cells to Apoptosis Induced by Double-Stranded RNA. <i>Journal of Immunology</i> , 2004, 172, 1699-1710.	0.4	56
40	Mouse cytomegalovirus M36 and M45 death suppressors cooperate to prevent inflammation resulting from antiviral programmed cell death pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2786-E2795.	3.3	56
41	RIPK1 prevents aberrant ZBP1-initiated necroptosis. <i>Oncotarget</i> , 2017, 8, 1-2.	0.8	53
42	Protein Kinase R Mediates Intestinal Epithelial Gene Remodeling in Response to Double-Stranded RNA and Live Rotavirus. <i>Journal of Immunology</i> , 2005, 174, 6322-6331.	0.4	50
43	Anti- and pro-apoptotic activities of baculovirus and <i>Drosophila</i> IAPs in an insect cell line. <i>Cell Death and Differentiation</i> , 1997, 4, 733-744.	5.0	42
44	Baculovirus Regulation of Apoptosis. <i>Seminars in Virology</i> , 1998, 8, 445-452.	4.1	28
45	Necroptosis-based CRISPR knockout screen reveals Neuropilin-1 as a critical host factor for early stages of murine cytomegalovirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20109-20116.	3.3	25
46	Is SIRT2 required for necroptosis?. <i>Nature</i> , 2014, 506, E4-E6.	13.7	23
47	DAI Another Way: Necroptotic Control of Viral Infection. <i>Cell Host and Microbe</i> , 2017, 21, 290-293.	5.1	19
48	ESCRTing Necroptosis. <i>Cell</i> , 2017, 169, 186-187.	13.5	8
49	A RIPTide Protects Neurons from Infection. <i>Cell Host and Microbe</i> , 2017, 21, 415-416.	5.1	1