Pascal Meier

List of Publications by Year
in descending order

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57	11,241	87723 38	123241 61
papers	citations	h-index	g-index

63	63	63	15521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
2	Apoptosis in development. Nature, 2000, 407, 796-801.	13.7	881
3	IAPs: from caspase inhibitors to modulators of NF-Î²B, inflammation and cancer. Nature Reviews Cancer, 2010, 10, 561-574.	12.8	721
4	The Ripoptosome, a Signaling Platform that Assembles in Response to Genotoxic Stress and Loss of IAPs. Molecular Cell, 2011, 43, 432-448.	4.5	714
5	The Drosophila caspase DRONC is regulated by DIAP1. EMBO Journal, 2000, 19, 598-611.	3.5	304
6	The DIAP1 RING finger mediates ubiquitination of Dronc and is indispensable for regulating apoptosis. Nature Cell Biology, 2002, 4, 445-450.	4.6	274
7	Inhibitor of Apoptosis (IAP) Proteins-Modulators of Cell Death and Inflammation. Cold Spring Harbor Perspectives in Biology, 2013, 5, a008730-a008730.	2.3	246
8	MK2 Phosphorylates RIPK1 to Prevent TNF-Induced Cell Death. Molecular Cell, 2017, 66, 698-710.e5.	4.5	242
9	IAPs contain an evolutionarily conserved ubiquitin-binding domain that regulates NF-Î²B as well as cell survival and oncogenesis. Nature Cell Biology, 2008, 10, 1309-1317.	4.6	228
10	PIMS Modulates Immune Tolerance by Negatively Regulating Drosophila Innate Immune Signaling. Cell Host and Microbe, 2008, 4, 147-158.	5.1	224
11	Degradation of DIAP1 by the N-end rule pathway is essential for regulating apoptosis. Nature Cell Biology, 2003, 5, 467-473.	4.6	210
12	Checkpoints in TNF-Induced Cell Death: Implications in Inflammation and Cancer. Trends in Molecular Medicine, 2018, 24, 49-65.	3.5	201
13	PIM1 kinase regulates cell death, tumor growth and chemotherapy response in triple-negative breast cancer. Nature Medicine, 2016, 22, 1303-1313.	15.2	188
14	A fluorescent reporter of caspase activity for live imaging. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13901-13905.	3.3	154
15	Caspase-Mediated Cleavage, IAP Binding, and Ubiquitination: Linking Three Mechanisms Crucial for Drosophila NF-Î²B Signaling. Molecular Cell, 2010, 37, 172-182.	4.5	149
16	Two roles for the Drosophila IKK complex in the activation of Relish and the induction of antimicrobial peptide genes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9779-9784.	3.3	136
17	SUMO-mediated regulation of NLRP3 modulates inflammasome activity. Nature Communications, 2018, 9, 3001.	5.8	134
18	IAPs are functionally non-equivalent and regulate effector caspases through distinct mechanisms. Nature Cell Biology, 2005, 7, 70-77.	4.6	132

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19	The Drosophila Inhibitor of Apoptosis Protein DIAP2 Functions in Innate Immunity and Is Essential To Resist Gram-Negative Bacterial Infection. Molecular and Cellular Biology, 2006, 26, 7821-7831.	1.1	121
20	Inactivation of Effector Caspases through Nondegradative Polyubiquitylation. Molecular Cell, 2008, 32, 540-553.	4.5	111
21	The Diversification of Cell Death and Immunity: Memento Mori. Molecular Cell, 2019, 76, 232-242.	4.5	106
22	Ubiquitin-Mediated Regulation of RIPK1 Kinase Activity Independent of IKK and MK2. Molecular Cell, 2018, 69, 566-580.e5.	4.5	102
23	Inhibitor of apoptosis proteins in Drosophila: gatekeepers of death. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 950-960.	2.2	101
24	Lucifer's Labyrinthâ€"Ten Years of Path Finding in Cell Death. Molecular Cell, 2007, 28, 746-754.	4.5	98
25	CARD-Mediated Autoinhibition of cIAP1's E3 Ligase Activity Suppresses Cell Proliferation and Migration. Molecular Cell, 2011, 42, 569-583.	4.5	89
26	Ubiquitin-mediated regulation of apoptosis. Trends in Cell Biology, 2009, 19, 130-140.	3.6	87
27	Jafrac2 is an IAP antagonist that promotes cell death by liberating Dronc from DIAP1. EMBO Journal, 2002, 21, 5118-5129.	3.5	85
28	IAP-antagonists exhibit non-redundant modes of action through differential DIAP1 binding. EMBO Journal, 2003, 22, 6642-6652.	3.5	84
29	Caspase-10 Negatively Regulates Caspase-8-Mediated Cell Death, Switching the Response to CD95L in Favor of NF-Î°B Activation and Cell Survival. Cell Reports, 2017, 19, 785-797.	2.9	84
30	Systematic InÂVivo RNAi Analysis Identifies IAPs as NEDD8-E3 Ligases. Molecular Cell, 2010, 40, 810-822.	4.5	82
31	Ubiquitylation of the initiator caspase DREDD is required for innate immune signalling. EMBO Journal, 2012, 31, 2770-2783.	3.5	80
32	A Tangled Web of Ubiquitin Chains: Breaking News in TNF-R1 Signaling. Molecular Cell, 2009, 36, 736-742.	4.5	78
33	To fight or die â€" inhibitor of apoptosis proteins at the crossroad of innate immunity and death. Current Opinion in Cell Biology, 2010, 22, 872-881.	2.6	65
34	Dying like Flies. Cell, 1998, 95, 295-298.	13.5	51
35	RIPK1 and Caspase-8 Ensure Chromosome Stability Independently of Their Role in Cell Death and Inflammation. Molecular Cell, 2019, 73, 413-428.e7.	4.5	50
36	Drosophila IAP1-Mediated Ubiquitylation Controls Activation of the Initiator Caspase DRONC Independent of Protein Degradation. PLoS Genetics, 2011, 7, e1002261.	1.5	48

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37	Primidone blocks RIPK1-driven cell death and inflammation. Cell Death and Differentiation, 2021, 28, 1610-1626.	5.0	46
38	The regulatory isoform rPGRP-LC induces immune resolution via endosomal degradation of receptors. Nature Immunology, 2016, 17, 1150-1158.	7.0	45
39	Ubiquitylation of MLKL at lysine 219 positively regulates necroptosis-induced tissue injury and pathogen clearance. Nature Communications, 2021, 12, 3364.	5.8	43
40	Mind Bomb Regulates Cell Death during TNF Signaling by Suppressing RIPK1â€™s Cytotoxic Potential. Cell Reports, 2018, 23, 470-484.	2.9	42
41	DIAP2 functions as a mechanism-based regulator of drICE that contributes to the caspase activity threshold in living cells. Journal of Cell Biology, 2007, 179, 1467-1480.	2.3	40
42	Signal Integration by the IÎºB Protein Pickle Shapes Drosophila Innate Host Defense. Cell Host and Microbe, 2016, 20, 283-295.	5.1	33
43	An inhibitory mono-ubiquitylation of the Drosophila initiator caspase Dronc functions in both apoptotic and non-apoptotic pathways. PLoS Genetics, 2017, 13, e1006438.	1.5	29
44	The unconventional myosin CRINKLED and its mammalian orthologue MYO7A regulate caspases in their signalling roles. Nature Communications, 2016, 7, 10972.	5.8	28
45	The anticonvulsive PhenhydanÂ® suppresses extrinsic cell death. Cell Death and Differentiation, 2019, 26, 1631-1645.	5.0	28
46	IAP degradation: decisive blow or altruistic sacrifice?. Trends in Cell Biology, 2002, 12, 449-452.	3.6	24
47	Identification and Characterization of Novel Receptor-Interacting Serine/Threonineâ€Protein Kinase 2 Inhibitors Using Structural Similarity Analysis. Journal of Pharmacology and Experimental Therapeutics, 2018, 365, 354-367.	1.3	22
48	RIPK1â€mediated immunogenic cell death promotes antiâ€tumour immunity against softâ€tissue sarcoma. EMBO Molecular Medicine, 2020, 12, e10979.	3.3	22
49	The NMDA receptor regulates competition of epithelial cells in the Drosophila wing. Nature Communications, 2020, 11, 2228.	5.8	18
50	Ubiquitin-Mediated Regulation of Cell Death, Inflammation, and Defense of Homeostasis. Current Topics in Developmental Biology, 2015, 114, 209-239.	1.0	14
51	Techniques to Distinguish Apoptosis from Necroptosis. Cold Spring Harbor Protocols, 2016, 2016, pdb.top070375.	0.2	14
52	Time-Lapse Imaging of Cell Death. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot087395.	0.2	13
53	Tissue Repair: How to Inflame Your Neighbours. Current Biology, 2016, 26, R192-R194.	1.8	8
54	Ubiquitin-mediated regulation of RhoGTPase signalling: IAPs and HACE1 enter the fray. EMBO Journal, 2012, 31, 1-2.	3.5	7

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55	Drice restrains Diap2-mediated inflammatory signalling and intestinal inflammation. Cell Death and Differentiation, 2022, 29, 28-39.	5.0	7
56	Ripk1 and haematopoiesis: a case for LUBAC and Ripk3. Cell Death and Differentiation, 2018, 25, 1361-1363.	5.0	4
57	Time-Lapse Imaging of Necrosis. Methods in Molecular Biology, 2013, 1004, 17-29.	0.4	3