

# Christine Hawkins

## List of Publications by Year in descending order

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72  
papers

4,155  
citations

159585

30  
h-index

110387

64  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3914  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning and expression of apoptosis inhibitory protein homologs that function to inhibit apoptosis and/or bind tumor necrosis factor receptor-associated factors.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4974-4978.	7.1	489
2	The Drosophila Caspase Inhibitor DIAP1 Is Essential for Cell Survival and Is Negatively Regulated by HID. Cell, 1999, 98, 453-463.	28.9	477
3	TWEAK-FN14 signaling induces lysosomal degradation of a cIAP1-TRAF2 complex to sensitize tumor cells to TNF $\alpha$ . Journal of Cell Biology, 2008, 182, 171-184.	5.2	226
4	Diablo Promotes Apoptosis by Removing Miha/Xiap from Processed Caspase 9. Journal of Cell Biology, 2001, 152, 483-490.	5.2	188
5	The Drosophila Caspase DRONC Cleaves following Glutamate or Aspartate and Is Regulated by DIAP1, HID, and GRIM. Journal of Biological Chemistry, 2000, 275, 27084-27093.	3.4	184
6	Apaf-1 and caspase-9 accelerate apoptosis, but do not determine whether factor-deprived or drug-treated cells die. Journal of Cell Biology, 2004, 165, 835-842.	5.2	169
7	Apoptosis is triggered when prosurvival Bcl-2 proteins cannot restrain Bax. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18081-18087.	7.1	162
8	A cloning method to identify caspases and their regulators in yeast: Identification of Drosophila IAP1 as an inhibitor of the Drosophila caspase DCP-1. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 2885-2890.	7.1	155
9	Mammalian initiator apoptotic caspases. FEBS Journal, 2005, 272, 5436-5453.	4.7	150
10	The anti-apoptotic activity of XIAP is retained upon mutation of both the caspase 3 and caspase 9 interacting sites. Journal of Cell Biology, 2002, 157, 115-124.	5.2	124
11	Hsp72 Inhibits Apoptosis Upstream of the Mitochondria and Not through Interactions with Apaf-1. Journal of Biological Chemistry, 2004, 279, 51490-51499.	3.4	118
12	The Drosophila caspase DRONC is a glutamate/aspartate protease whose activity is regulated by DIAP1, HID and GRIM. Journal of Biological Chemistry, 2000, 275, 27084-93.	3.4	111
13	Inhibition of interleukin 1 $\alpha$ -converting enzyme-mediated apoptosis of mammalian cells by baculovirus IAP. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13786-13790.	7.1	107
14	Direct inhibition of caspase 3 is dispensable for the anti-apoptotic activity of XIAP. EMBO Journal, 2001, 20, 3114-3123.	7.8	101
15	Analysis of FasL and TRAIL induced apoptosis pathways in glioma cells. Oncogene, 2001, 20, 5789-5798.	5.9	95
16	Mature DIABLO/Smac Is Produced by the IMP Protease Complex on the Mitochondrial Inner Membrane. Molecular Biology of the Cell, 2005, 16, 2926-2933.	2.1	89
17	Analysis of the Role of bcl-2 in Apoptosis. Immunological Reviews, 1994, 142, 127-139.	6.0	83
18	Identification of mammalian mitochondrial proteins that interact with IAPs via N-terminal IAP binding motifs. Cell Death and Differentiation, 2007, 14, 348-357.	11.2	83

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19	TRAIL treatment provokes mutations in surviving cells. <i>Oncogene</i> , 2010, 29, 5048-5060.	5.9	80
20	Oral administration of bovine milk-derived extracellular vesicles induces senescence in the primary tumor but accelerates cancer metastasis. <i>Nature Communications</i> , 2021, 12, 3950.	12.8	70
21	The role of the Bcl-2 family of apoptosis regulatory proteins in the immune system. <i>Seminars in Immunology</i> , 1997, 9, 25-33.	5.6	52
22	The p35 relative, p49, inhibits mammalian and Drosophila caspases including DRONC and protects against apoptosis. <i>Cell Death and Differentiation</i> , 2002, 9, 1311-1320.	11.2	46
23	Caspase-8 Cleaves Histone Deacetylase 7 and Abolishes Its Transcription Repressor Function. <i>Journal of Biological Chemistry</i> , 2008, 283, 19499-19510.	3.4	44
24	Recent and Ongoing Research into Metastatic Osteosarcoma Treatments. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3817.	4.1	44
25	Caspase 8 is absent or low in many ex vivo gliomas. <i>Cancer</i> , 2005, 104, 1487-1496.	4.1	43
26	Caspase-2: controversial killer or checkpoint controller?. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 829-848.	4.9	43
27	Anti-apoptotic potential of insect cellular and viral IAPs in mammalian cells. <i>Cell Death and Differentiation</i> , 1998, 5, 569-576.	11.2	40
28	Analysis of candidate antagonists of IAP-mediated caspase inhibition using yeast reconstituted with the mammalian Apaf-1-activated apoptosis mechanism. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2001, 6, 331-338.	4.9	34
29	Caspase-2 is resistant to inhibition by inhibitor of apoptosis proteins (IAPs) and can activate caspase-7. <i>FEBS Journal</i> , 2005, 272, 1401-1414.	4.7	32
30	SfDronc, an initiator caspase involved in apoptosis in the fall armyworm <i>Spodoptera frugiperda</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2013, 43, 444-454.	2.7	31
31	Old and Novel Functions of Caspase-2. <i>International Review of Cell and Molecular Biology</i> , 2017, 332, 155-212.	3.2	30
32	Executioner caspases and CAD are essential for mutagenesis induced by TRAIL or vincristine. <i>Cell Death and Disease</i> , 2017, 8, e3062-e3062.	6.3	29
33	Plexin B2 Is a Regulator of Monocyte Apoptotic Cell Disassembly. <i>Cell Reports</i> , 2019, 29, 1821-1831.e3.	6.4	28
34	TRAIL and Malignant Glioma. <i>Vitamins and Hormones</i> , 2004, 67, 427-452.	1.7	27
35	Smac mimetics LCL161 and GDC-0152 inhibit osteosarcoma growth and metastasis in mice. <i>BMC Cancer</i> , 2019, 19, 924.	2.6	24
36	Human Bcl-2 cannot directly inhibit the <i>Caenorhabditis elegans</i> Apaf-1 homologue CED-4, but can interact with EGL-1. <i>Journal of Cell Science</i> , 2006, 119, 2572-2582.	2.0	23

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37	Human, insect and nematode caspases kill <i>Saccharomyces cerevisiae</i> independently of YCA1 and Aif1p. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 509-517.	4.9	22
38	Yeast techniques for modeling drugs targeting Bcl-2 and caspase family members. <i>Cell Death and Disease</i> , 2013, 4, e619-e619.	6.3	20
39	Human telomerase reverse transcriptase protects hematopoietic progenitor TF-1 cells from death and quiescence induced by cytokine withdrawal. <i>Leukemia</i> , 2006, 20, 1270-1278.	7.2	18
40	In vitro sensitivity testing of minimally passaged and uncultured gliomas with TRAIL and/or chemotherapy drugs. <i>British Journal of Cancer</i> , 2008, 99, 294-304.	6.4	17
41	IAP antagonists sensitize murine osteosarcoma cells to killing by TNF $\alpha$ . <i>Oncotarget</i> , 2016, 7, 33866-33886.	1.8	17
42	Vaccinia Virus Encodes a Novel Inhibitor of Apoptosis That Associates with the Apoptosome. <i>Journal of Virology</i> , 2017, 91, .	3.4	16
43	Monitoring Activity of Caspases and Their Regulators in Yeast <i>Saccharomyces cerevisiae</i> . <i>Methods in Enzymology</i> , 2000, 322, 162-174.	1.0	15
44	Functional and biochemical characterization of the baculovirus caspase inhibitor MaviP35. <i>Cell Death and Disease</i> , 2011, 2, e242-e242.	6.3	15
45	Caspase-8 levels affect necessity for mitochondrial amplification in death ligand-induced glioma cell apoptosis. <i>Molecular Carcinogenesis</i> , 2004, 39, 173-182.	2.7	14
46	Pre-clinical evaluation of proteasome inhibitors for canine and human osteosarcoma. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 544-553.	1.8	14
47	CrmA orthologs from diverse poxviruses potently inhibit caspases-1 and -8, yet cleavage site mutagenesis frequently produces caspase-1-specific variants. <i>Biochemical Journal</i> , 2019, 476, 1335-1357.	3.7	13
48	The <i>Caenorhabditis elegans</i> CED-9 protein does not directly inhibit the caspase CED-3, in vitro nor in yeast. <i>Cell Death and Differentiation</i> , 2004, 11, 1309-1316.	11.2	12
49	The Proteasome Inhibitor Ixazomib Inhibits the Formation and Growth of Pulmonary and Abdominal Osteosarcoma Metastases in Mice. <i>Cancers</i> , 2020, 12, 1207.	3.7	12
50	The N Terminus of the Vaccinia Virus Protein F1L Is an Intrinsically Unstructured Region That Is Not Involved in Apoptosis Regulation. <i>Journal of Biological Chemistry</i> , 2016, 291, 14600-14608.	3.4	11
51	Ex vivo pediatric brain tumors express Fas (CD95) and FasL (CD95L) and are resistant to apoptosis induction. <i>Neuro-Oncology</i> , 2001, 3, 229-240.	1.2	10
52	Inhibition of Bcl-2 or IAP proteins does not provoke mutations in surviving cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 777, 23-32.	1.0	9
53	Mutagenic assessment of chemotherapy and Smac mimetic drugs in cells with defective DNA damage response pathways. <i>Scientific Reports</i> , 2018, 8, 14421.	3.3	9
54	Analysis of the minimal specificity of caspase-2 and identification of Ac-VDTTD-AFC as a caspase-2-selective peptide substrate. <i>Bioscience Reports</i> , 2014, 34, .	2.4	8

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55	Caspase-8 levels correlate with the expression of signal transducer and activator of transcription 1 in high-grade but not lower grade neuroblastoma. <i>Cancer</i> , 2006, 107, 824-831.	4.1	7
56	Caspase Inhibitors of the P35 Family Are More Active When Purified from Yeast than Bacteria. <i>PLoS ONE</i> , 2012, 7, e39248.	2.5	7
57	Transient NK Cell Depletion Facilitates Pulmonary Osteosarcoma Metastases After Intravenous Inoculation in Athymic Mice. <i>Journal of Adolescent and Young Adult Oncology</i> , 2020, 9, 667-671.	1.3	7
58	Mutagenic Consequences of Sublethal Cell Death Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6144.	4.1	7
59	Proteasome inhibitors trigger mutations via activation of caspases and CAD, but mutagenesis provoked by the HDAC inhibitors vorinostat and romidepsin is caspase/CAD-independent. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 404-413.	4.9	6
60	Modeling Metazoan Apoptotic Pathways in Yeast. <i>Methods in Molecular Biology</i> , 2016, 1419, 161-183.	0.9	5
61	TRAIL causes deletions at the HPRT and TK1 loci of clonogenically competent cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2016, 787, 15-31.	1.0	5
62	Smac mimetics can provoke lytic cell death that is neither apoptotic nor necroptotic. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 500-518.	4.9	5
63	Analysis of the minimal specificity of CED-3 using a yeast transcriptional reporter system. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 448-454.	4.1	4
64	Reconstitution of Human Necrosome Interactions in <i>Saccharomyces cerevisiae</i> . <i>Biomolecules</i> , 2021, 11, 153.	4.0	4
65	The p35 Family of Apoptosis Inhibitors. <i>Current Genomics</i> , 2004, 5, 215-229.	1.6	4
66	Data on the DNA damaging and mutagenic potential of the BH3-mimetics ABT-263/Navitoclax and TW-37. <i>Data in Brief</i> , 2016, 6, 710-714.	1.0	3
67	The smac mimetic LCL161 targets established pulmonary osteosarcoma metastases in mice. <i>Clinical and Experimental Metastasis</i> , 2021, 38, 441-449.	3.3	3
68	In vitro analysis reveals necroptotic signaling does not provoke DNA damage or HPRT mutations. <i>Cell Death and Disease</i> , 2020, 11, 680.	6.3	2
69	Establishment and Characterisation of Metastatic Extraskelatal Ewing Sarcoma Mouse Models. <i>In Vivo</i> , 2021, 35, 3097-3106.	1.3	2
70	Tetrazolium reduction assays under-report cell death provoked by clinically relevant concentrations of proteasome inhibitors. <i>Molecular Biology Reports</i> , 2020, 47, 4849-4856.	2.3	1
71	Caspases; Modulators of Apoptosis and Cytokine Maturation " Targets for Novel Therapies. , 2005, , 79-106.		0
72	TWEAK-FN14 signaling induces lysosomal degradation of a clAP1"TRAF2 complex to sensitize tumor cells to TNF±. <i>Journal of Experimental Medicine</i> , 2008, 205, i18-i18.	8.5	0