John J Silke

List of Publications by Citations

201 papers	22,516 citations	76 h-index	149 g-index
281 ext. papers	26,334 ext. citations	12.9 avg, IF	6.55 L-index

#	Paper	IF	Citations
201	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541	12.7	2160
200	Identification of DIABLO, a mammalian protein that promotes apoptosis by binding to and antagonizing IAP proteins. *Cell*, **2000**, 102, 43-53	56.2	2005
199	Identification and validation of oncogenes in liver cancer using an integrative oncogenomic approach. *Cell*, **2006**, 125, 1253-67	56.2	903
198	IAP antagonists target cIAP1 to induce TNFalpha-dependent apoptosis. *Cell*, **2007**, 131, 682-93	56.2	893
197	The pseudokinase MLKL mediates necroptosis via a molecular switch mechanism. *Immunity*, **2013**, 39, 443-53	32.3	717
196	Linear ubiquitination prevents inflammation and regulates immune signalling. *Nature*, **2011**, 471, 591-6	50.4	654
195	Recruitment of the linear ubiquitin chain assembly complex stabilizes the TNF-R1 signaling complex and is required for TNF-mediated gene induction. *Molecular Cell*, **2009**, 36, 831-44	17.6	551
194	IAPs, RINGs and ubiquitylation. *Nature Reviews Molecular Cell Biology*, **2005**, 6, 287-97	48.7	506
193	Apoptosis initiated by Bcl-2-regulated caspase activation independently of the cytochrome c/Apaf-1/caspase-9 apoptosome. *Nature*, **2002**, 419, 634-7	50.4	463
192	HtrA2 promotes cell death through its serine protease activity and its ability to antagonize inhibitor of apoptosis proteins. *Journal of Biological Chemistry*, **2002**, 277, 445-54	5.4	424
191	RIPK1 regulates RIPK3-MLKL-driven systemic inflammation and emergency hematopoiesis. *Cell*, **2014**, 157, 1175-88	56.2	400
190	Caspase inhibitors. *Cell Death and Differentiation*, **1999**, 6, 1081-6	12.7	389
189	Inhibitor of apoptosis proteins limit RIP3 kinase-dependent interleukin-1 activation. *Immunity*, **2012** , 36, 215-27	32.3	374
188	RIPK3 promotes cell death and NLRP3 inflammasome activation in the absence of MLKL. *Nature Communications*, **2015**, 6, 6282	17.4	367
187	Activation of the pseudokinase MLKL unleashes the four-helix bundle domain to induce membrane localization and necroptotic cell death. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 15072-7	11.5	357
186	XIAP discriminates between type I and type II FAS-induced apoptosis. *Nature*, **2009**, 460, 1035-9	50.4	344
185	AIM2 and NLRP3 inflammasomes activate both apoptotic and pyroptotic death pathways via ASC. *Cell Death and Differentiation*, **2013**, 20, 1149-60	12.7	323

184	The diverse role of RIP kinases in necroptosis and inflammation. *Nature Immunology*, **2015**, 16, 689-97	19.1	310
183	The Drosophila caspase DRONC is regulated by DIAP1. *EMBO Journal*, **2000**, 19, 598-611	13	278
182	The ubiquitin ligase XIAP recruits LUBAC for NOD2 signaling in inflammation and innate immunity. *Molecular Cell*, **2012**, 46, 746-58	17.6	272
181	Structure of the MDM2/MDMX RING domain heterodimer reveals dimerization is required for their ubiquitylation in trans. *Cell Death and Differentiation*, **2008**, 15, 841-8	12.7	221
180	The tumor suppressor PTEN is exported in exosomes and has phosphatase activity in recipient cells. *Science Signaling*, **2012**, 5, ra70	8.8	209
179	TWEAK-FN14 signaling induces lysosomal degradation of a cIAP1-TRAF2 complex to sensitize tumor cells to TNFalpha. *Journal of Cell Biology*, **2008**, 182, 171-84	7.3	206
178	IAPs contain an evolutionarily conserved ubiquitin-binding domain that regulates NF-kappaB as well as cell survival and oncogenesis. *Nature Cell Biology*, **2008**, 10, 1309-17	23.4	205
177	A type III effector antagonizes death receptor signalling during bacterial gut infection. *Nature*, **2013**, 501, 247-51	50.4	200
176	Cellular IAPs inhibit a cryptic CD95-induced cell death by limiting RIP1 kinase recruitment. *Journal of Cell Biology*, **2009**, 187, 1037-54	7.3	197
175	Mammalian mitochondrial IAP binding proteins. *Biochemical and Biophysical Research Communications*, **2003**, 304, 499-504	3.4	192
174	TNFR1-dependent cell death drives inflammation in Sharpin-deficient mice. *ELife*, **2014**, 3,	8.9	187
173	Inhibitor of apoptosis (IAP) proteins-modulators of cell death and inflammation. *Cold Spring Harbor Perspectives in Biology*, **2013**, 5,	10.2	184
172	TRAF2 must bind to cellular inhibitors of apoptosis for tumor necrosis factor (tnf) to efficiently activate nf-{kappa}b and to prevent tnf-induced apoptosis. *Journal of Biological Chemistry*, **2009**, 284, 35906-15	5.4	173
171	Human CIA30 is involved in the early assembly of mitochondrial complex I and mutations in its gene cause disease. *EMBO Journal*, **2007**, 26, 3227-37	13	172
170	DIABLO promotes apoptosis by removing MIHA/XIAP from processed caspase 9. *Journal of Cell Biology*, **2001**, 152, 483-90	7.3	171
169	Engineered Exosomes as Vehicles for Biologically Active Proteins. *Molecular Therapy*, **2017**, 25, 1269-1278	8.7	156
168	IAPs limit activation of RIP kinases by TNF receptor 1 during development. *EMBO Journal*, **2012**, 31, 1679-91	13	156
167	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, 835-42	7.3	156

166	MK2 Phosphorylates RIPK1 to Prevent TNF-Induced Cell Death. *Molecular Cell*, **2017**, 66, 698-710.e5	17.6	154
165	HOIP deficiency causes embryonic lethality by aberrant TNFR1-mediated endothelial cell death. *Cell Reports*, **2014**, 9, 153-165	10.6	154
164	RIPK1 is not essential for TNFR1-induced activation of NF-kappaB. *Cell Death and Differentiation*, **2010**, 17, 482-7	12.7	150
163	The Pseudokinase MLKL and the Kinase RIPK3 Have Distinct Roles in Autoimmune Disease Caused by Loss of Death-Receptor-Induced Apoptosis. *Immunity*, **2016**, 45, 513-526	32.3	138
162	Structures of the cIAP2 RING domain reveal conformational changes associated with ubiquitin-conjugating enzyme (E2) recruitment. *Journal of Biological Chemistry*, **2008**, 283, 31633-40	5.4	134
161	Determination of cell survival by RING-mediated regulation of inhibitor of apoptosis (IAP) protein abundance. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 16182-7	11.5	129
160	Smac mimetics activate the E3 ligase activity of cIAP1 protein by promoting RING domain dimerization. *Journal of Biological Chemistry*, **2011**, 286, 17015-28	5.4	126
159	cIAPs and XIAP regulate myelopoiesis through cytokine production in an RIPK1- and RIPK3-dependent manner. *Blood*, **2014**, 123, 2562-72	2.2	121
158	Tumor immune evasion arises through loss of TNF sensitivity. *Science Immunology*, **2018**, 3,	28	119
157	Birinapant, a smac-mimetic with improved tolerability for the treatment of solid tumors and hematological malignancies. *Journal of Medicinal Chemistry*, **2014**, 57, 3666-77	8.3	117
156	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, 115-24	7.3	116
155	The caspase-8 inhibitor emricasan combines with the SMAC mimetic birinapant to induce necroptosis and treat acute myeloid leukemia. *Science Translational Medicine*, **2016**, 8, 339ra69	17.5	111
154	The intersection of cell death and inflammasome activation. *Cellular and Molecular Life Sciences*, **2016**, 73, 2349-67	10.3	111
153	LUBAC is essential for embryogenesis by preventing cell death and enabling haematopoiesis. *Nature*, **2018**, 557, 112-117	50.4	110
152	Mutations that prevent caspase cleavage of RIPK1 cause autoinflammatory disease. *Nature*, **2020**, 577, 103-108	50.4	110
151	Fatal hepatitis mediated by tumor necrosis factor TNFalpha requires caspase-8 and involves the BH3-only proteins Bid and Bim. *Immunity*, **2009**, 30, 56-66	32.3	108
150	The Mitochondrial Apoptotic Effectors BAX/BAK Activate Caspase-3 and -7 to Trigger NLRP3 Inflammasome and Caspase-8 Driven IL-1 Activation. *Cell Reports*, **2018**, 25, 2339-2353.e4	10.6	102
149	Nedd4 family-interacting protein 1 (Ndfip1) is required for the exosomal secretion of Nedd4 family proteins. *Journal of Biological Chemistry*, **2008**, 283, 32621-7	5.4	101

148	EspL is a bacterial cysteine protease effector that cleaves RHIM proteins to block necroptosis and inflammation. *Nature Microbiology*, **2017**, 2, 16258	26.6	100
147	Regulation of TNFRSF and innate immune signalling complexes by TRAFs and cIAPs. *Cell Death and Differentiation*, **2010**, 17, 35-45	12.7	93
146	The regulation of TNF signalling: what a tangled web we weave. *Current Opinion in Immunology*, **2011**, 23, 620-6	7.8	89
145	Eliminating hepatitis B by antagonizing cellular inhibitors of apoptosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5803-8	11.5	87
144	Direct inhibition of caspase 3 is dispensable for the anti-apoptotic activity of XIAP. *EMBO Journal*, **2001**, 20, 3114-23	13	87
143	Two kinds of BIR-containing protein - inhibitors of apoptosis, or required for mitosis. *Journal of Cell Science*, **2001**, 114, 1821-1827	5.3	87
142	Conformational switching of the pseudokinase domain promotes human MLKL tetramerization and cell death by necroptosis. *Nature Communications*, **2018**, 9, 2422	17.4	85
141	IAP family of cell death and signaling regulators. *Methods in Enzymology*, **2014**, 545, 35-65	1.7	85
140	HSP90 activity is required for MLKL oligomerisation and membrane translocation and the induction of necroptotic cell death. *Cell Death and Disease*, **2016**, 7, e2051	9.8	83
139	Divalent metal transporter 1 (DMT1) regulation by Ndfip1 prevents metal toxicity in human neurons. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 15489-94	11.5	83
138	Targeting of Fn14 Prevents Cancer-Induced Cachexia and Prolongs Survival. *Cell*, **2015**, 162, 1365-78	56.2	82
137	Molecular determinants of Smac mimetic induced degradation of cIAP1 and cIAP2. *Cell Death and Differentiation*, **2011**, 18, 1376-86	12.7	82
136	Deletion of cIAP1 and cIAP2 in murine B lymphocytes constitutively activates cell survival pathways and inactivates the germinal center response. *Blood*, **2011**, 117, 4041-51	2.2	82
135	Ndfip1 regulates nuclear Pten import in vivo to promote neuronal survival following cerebral ischemia. *Journal of Cell Biology*, **2012**, 196, 29-36	7.3	81
134	A serine/arginine-rich nuclear matrix cyclophilin interacts with the C-terminal domain of RNA polymerase II. *Nucleic Acids Research*, **1997**, 25, 2055-61	20.1	81
133	An embryonic demethylation mechanism involving binding of transcription factors to replicating DNA. *EMBO Journal*, **1998**, 17, 1446-53	13	81
132	Insights into the evolution of divergent nucleotide-binding mechanisms among pseudokinases revealed by crystal structures of human and mouse MLKL. *Biochemical Journal*, **2014**, 457, 369-77	3.8	79
131	Two kinds of BIR-containing protein - inhibitors of apoptosis, or required for mitosis. *Journal of Cell Science*, **2001**, 114, 1821-7	5.3	78

130	The polycomb repressive complex 2 governs life and death of peripheral T cells. *Blood*, **2014**, 124, 737-49	2.2	77
129	The TNF Receptor Superfamily-NF-B Axis Is Critical to Maintain Effector Regulatory T Cells in Lymphoid and Non-lymphoid Tissues. *Cell Reports*, **2017**, 20, 2906-2920	10.6	77
128	XIAP Loss Triggers RIPK3- and Caspase-8-Driven IL-1 Activation and Cell Death as a Consequence of TLR-MyD88-Induced cIAP1-TRAF2 Degradation. *Cell Reports*, **2017**, 20, 668-682	10.6	77
127	Cellular inhibitor of apoptosis proteins prevent clearance of hepatitis B virus. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 5797-802	11.5	76
126	Necroptosis signalling is tuned by phosphorylation of MLKL residues outside the pseudokinase domain activation loop. *Biochemical Journal*, **2015**, 471, 255-65	3.8	76
125	MLKL trafficking and accumulation at the plasma membrane control the kinetics and threshold for necroptosis. *Nature Communications*, **2020**, 11, 3151	17.4	75
124	In TNF-stimulated cells, RIPK1 promotes cell survival by stabilizing TRAF2 and cIAP1, which limits induction of non-canonical NF-kappaB and activation of caspase-8. *Journal of Biological Chemistry*, **2011**, 286, 13282-91	5.4	75
123	Identification of mammalian mitochondrial proteins that interact with IAPs via N-terminal IAP binding motifs. *Cell Death and Differentiation*, **2007**, 14, 348-57	12.7	75
122	A RIPK2 inhibitor delays NOD signalling events yet prevents inflammatory cytokine production. *Nature Communications*, **2015**, 6, 6442	17.4	74
121	Systematic in vivo RNAi analysis identifies IAPs as NEDD8-E3 ligases. *Molecular Cell*, **2010**, 40, 810-22	17.6	74
120	Targeting p38 or MK2 Enhances the Anti-Leukemic Activity of Smac-Mimetics. *Cancer Cell*, **2016**, 29, 145-58	24.3	71
119	Evolutionary divergence of the necroptosis effector MLKL. *Cell Death and Differentiation*, **2016**, 23, 1185-97	12.7	70
118	Evidence for erosion of mouse CpG islands during mammalian evolution. *Somatic Cell and Molecular Genetics*, **1993**, 19, 543-55		68
117	Inhibition of apoptosis and clonogenic survival of cells expressing crmA variants: optimal caspase substrates are not necessarily optimal inhibitors. *EMBO Journal*, **1999**, 18, 330-8	13	65
116	Asymmetric recruitment of cIAPs by TRAF2. *Journal of Molecular Biology*, **2010**, 400, 8-15	6.5	63
115	Ubiquitin-Mediated Regulation of RIPK1 Kinase Activity Independent of IKK and MK2. *Molecular Cell*, **2018**, 69, 566-580.e5	17.6	61
114	Cell death provoked by loss of interleukin-3 signaling is independent of Bad, Bim, and PI3 kinase, but depends in part on Puma. *Blood*, **2006**, 108, 1461-8	2.2	60
113	TRAF2 regulates TNF and NF-B signalling to suppress apoptosis and skin inflammation independently of Sphingosine kinase 1. *ELife*, **2015**, 4,	8.9	57

112	Ars Moriendi; the art of dying well - new insights into the molecular pathways of necroptotic cell death. *EMBO Reports*, **2014**, 15, 155-64	6.5	54
111	NF-kappaB inhibition reveals differential mechanisms of TNF versus TRAIL-induced apoptosis upstream or at the level of caspase-8 activation independent of cIAP2. *Journal of Investigative Dermatology*, **2008**, 128, 1134-47	4.3	54
110	LUBAC prevents lethal dermatitis by inhibiting cell death induced by TNF, TRAIL and CD95L. *Nature Communications*, **2018**, 9, 3910	17.4	49
109	A FRET biosensor for necroptosis uncovers two different modes of the release of DAMPs. *Nature Communications*, **2018**, 9, 4457	17.4	47
108	The brace helices of MLKL mediate interdomain communication and oligomerisation to regulate cell death by necroptosis. *Cell Death and Differentiation*, **2018**, 25, 1567-1580	12.7	46
107	Characterization of the ectromelia virus serpin, SPI-2. *Journal of General Virology*, **2000**, 81, 2425-2430	4.9	43
106	A missense mutation in the MLKL brace region promotes lethal neonatal inflammation and hematopoietic dysfunction. *Nature Communications*, **2020**, 11, 3150	17.4	41
105	Future Therapeutic Directions for Smac-Mimetics. *Cells*, **2020**, 9,	7.9	41
104	Lymphotoxin induces apoptosis, necroptosis and inflammatory signals with the same potency as tumour necrosis factor. *FEBS Journal*, **2013**, 280, 5283-97	5.7	41
103	PD-L1 and IAPs co-operate to protect tumors from cytotoxic lymphocyte-derived TNF. *Cell Death and Differentiation*, **2017**, 24, 1705-1716	12.7	41
102	Nedd4-WW domain-binding protein 5 (Ndfip1) is associated with neuronal survival after acute cortical brain injury. *Journal of Neuroscience*, **2006**, 26, 7234-44	6.6	41
101	HtrA2/Omi, a sheep in wolf's clothing. *Cell*, **2003**, 115, 251-3	56.2	39
100	The CpG-specific methylase SssI has topoisomerase activity in the presence of Mg2+. *Nucleic Acids Research*, **1994**, 22, 5354-9	20.1	39
99	Ankyrin repeat and suppressors of cytokine signaling box protein asb-9 targets creatine kinase B for degradation. *Journal of Biological Chemistry*, **2007**, 282, 4728-4737	5.4	38
98	Tumor necrosis factor (TNF) signaling, but not TWEAK (TNF-like weak inducer of apoptosis)-triggered cIAP1 (cellular inhibitor of apoptosis protein 1) degradation, requires cIAP1 RING dimerization and E2 binding. *Journal of Biological Chemistry*, **2010**, 285, 17525-36	5.4	36
97	Sequence as well as functional similarity for DIABLO/Smac and Grim, Reaper and Hid?. *Cell Death and Differentiation*, **2000**, 7, 1275	12.7	36
96	RIPK1 prevents TRADD-driven, but TNFR1 independent, apoptosis during development. *Cell Death and Differentiation*, **2019**, 26, 877-889	12.7	35
95	Necroptotic signaling is primed in Mycobacterium tuberculosis-infected macrophages, but its pathophysiological consequence in disease is restricted. *Cell Death and Differentiation*, **2018**, 25, 951-965	12.7	35

94	Linear ubiquitin chain assembly complex coordinates late thymic T-cell differentiation and regulatory T-cell homeostasis. *Nature Communications*, **2016**, 7, 13353	17.4	34
93	Blocking granule-mediated death by primary human NK cells requires both protection of mitochondria and inhibition of caspase activity. *Cell Death and Differentiation*, **2008**, 15, 708-17	12.7	33
92	Antagonism of IAPs Enhances CAR T-cell Efficacy. *Cancer Immunology Research*, **2019**, 7, 183-192	12.5	33
91	Inhibitor of Apoptosis Protein-1 Regulates Tumor Necrosis Factor-Mediated Destruction of Intestinal Epithelial Cells. *Gastroenterology*, **2017**, 152, 867-879	13.3	31
90	Unlike Diablo/smac, Grim promotes global ubiquitination and specific degradation of X chromosome-linked inhibitor of apoptosis (XIAP) and neither cause apoptosis. *Journal of Biological Chemistry*, **2004**, 279, 4313-21	5.4	30
89	Analysis of candidate antagonists of IAP-mediated caspase inhibition using yeast reconstituted with the mammalian Apaf-1-activated apoptosis mechanism. *Apoptosis: an International Journal on Programmed Cell Death*, **2001**, 6, 331-8	5.4	30
88	In vivo control of B-cell survival and antigen-specific B-cell responses. *Immunological Reviews*, **2010**, 237, 90-103	11.3	29
87	RIPK1 and Caspase-8 Ensure Chromosome Stability Independently of Their Role in Cell Death and Inflammation. *Molecular Cell*, **2019**, 73, 413-428.e7	17.6	29
86	Combination of IAP antagonist and IFN activates novel caspase-10- and RIPK1-dependent cell death pathways. *Cell Death and Differentiation*, **2017**, 24, 481-491	12.7	27
85	IAP gene deletion and conditional knockout models. *Seminars in Cell and Developmental Biology*, **2015**, 39, 97-105	7.5	27
84	The majority of long non-stop reading frames on the antisense strand can be explained by biased codon usage. *Gene*, **1997**, 194, 143-55	3.8	27
83	Triggering of apoptosis by Puma is determined by the threshold set by prosurvival Bcl-2 family proteins. *Journal of Molecular Biology*, **2008**, 384, 313-23	6.5	27
82	Cell death in chronic inflammation: breaking the cycle to treat rheumatic disease. *Nature Reviews Rheumatology*, **2020**, 16, 496-513	8.1	26
81	Progranulin does not inhibit TNF and lymphotoxin signalling through TNF receptor 1. *Immunology and Cell Biology*, **2013**, 91, 661-4	5	26
80	Differential regulation of Nedd4 ubiquitin ligases and their adaptor protein Ndfip1 in a rat model of ischemic stroke. *Experimental Neurology*, **2012**, 235, 326-35	5.7	25
79	The FLIP Side of Life. *Science Signaling*, **2013**, 6, pe2	8.8	24
78	Fight or flight: regulation of emergency hematopoiesis by pyroptosis and necroptosis. *Current Opinion in Hematology*, **2015**, 22, 293-301	3.3	24
77	CLL cells are resistant to smac mimetics because of an inability to form a ripoptosome complex. *Cell Death and Disease*, **2013**, 4, e782	9.8	24

76	Cytoplasmic p53 is not required for PUMA-induced apoptosis. *Cell Death and Differentiation*, **2008**, 15, 213-5; author reply 215-6	12.7	24
75	Complex demethylation patterns at Sp1 binding sites in F9 embryonal carcinoma cells. *FEBS Letters*, **1995**, 370, 170-4	3.8	24
74	An overview of mammalian p38 mitogen-activated protein kinases, central regulators of cell stress and receptor signaling. *F1000Research*, **2020**, 9,	3.6	24
73	Cytokine receptor signaling activates an IKK-dependent phosphorylation of PUMA to prevent cell death. *Cell Death and Differentiation*, **2012**, 19, 633-41	12.7	23
72	IAPs Regulate Distinct Innate Immune Pathways to Co-ordinate the Response to Bacterial Peptidoglycans. *Cell Reports*, **2018**, 22, 1496-1508	10.6	22
71	Hepatitis C virus-induced hepatocyte cell death and protection by inhibition of apoptosis. *Journal of General Virology*, **2014**, 95, 2204-2215	4.9	22
70	Inhibitor of Apoptosis Proteins (IAPs) Limit RIPK1-Mediated Skin Inflammation. *Journal of Investigative Dermatology*, **2017**, 137, 2371-2379	4.3	22
69	Transcriptional repression by methylation: cooperativity between a CpG cluster in the promoter and remote CpG-rich regions. *FEBS Letters*, **1996**, 379, 251-4	3.8	22
68	The Immuno-Modulatory Effects of Inhibitor of Apoptosis Protein Antagonists in Cancer Immunotherapy. *Cells*, **2020**, 9,	7.9	21
67	Masters, marionettes and modulators: intersection of pathogen virulence factors and mammalian death receptor signaling. *Current Opinion in Immunology*, **2013**, 25, 436-40	7.8	20
66	TWEAK shall inherit the earth. *Cell Death and Differentiation*, **2006**, 13, 1842-4	12.7	20
65	IAPs and Cell Death. *Current Topics in Microbiology and Immunology*, **2017**, 403, 95-117	3.3	20
64	Is SIRT2 required for necroptosis?. *Nature*, **2014**, 506, E4-6	50.4	19
63	c-Jun N-terminal kinase/c-Jun inhibits fibroblast proliferation by negatively regulating the levels of stathmin/oncoprotein 18. *Biochemical Journal*, **2010**, 430, 345-54	3.8	19
62	NOD1 is required for Helicobacter pylori induction of IL-33 responses in gastric epithelial cells. *Cellular Microbiology*, **2018**, 20, e12826	3.9	18
61	TAK1 is required for survival of mouse fibroblasts treated with TRAIL, and does so by NF-kappaB dependent induction of cFLIPL. *PLoS ONE*, **2010**, 5, e8620	3.7	18
60	Lack of reproducible growth inhibition by Schlafen1 and Schlafen2 in vitro. *Blood Cells, Molecules, and Diseases*, **2008**, 41, 188-93	2.1	18
59	Influence of DNA sequence and methylation status on bisulfite conversion of cytosine residues. *Analytical Biochemistry*, **1995**, 231, 263-5	3.1	16

58	Is BID required for NOD signalling?. *Nature*, **2012**, 488, E4-6; discussion E6-8	50.4	15
57	Ndfip1 represses cell proliferation by controlling Pten localization and signaling specificity. *Journal of Molecular Cell Biology*, **2015**, 7, 119-31	6.3	14
56	The small molecule that packs a punch: ubiquitin-mediated regulation of RIPK1/FADD/caspase-8 complexes. *Cell Death and Differentiation*, **2017**, 24, 1196-1204	12.7	13
55	Nedd4 family interacting protein 1 (Ndfip1) is required for ubiquitination and nuclear trafficking of BRCA1-associated ATM activator 1 (BRAT1) during the DNA damage response. *Journal of Biological Chemistry*, **2015**, 290, 7141-50	5.4	13
54	Targeting triple-negative breast cancers with the Smac-mimetic birinapant. *Cell Death and Differentiation*, **2020**, 27, 2768-2780	12.7	13
53	Targeting the Extrinsic Pathway of Hepatocyte Apoptosis Promotes Clearance of Plasmodium Liver Infection. *Cell Reports*, **2020**, 30, 4343-4354.e4	10.6	13
52	Long non-stop reading frames on the antisense strand of heat shock protein 70 genes and prion protein (PrP) genes are conserved between species. *Biological Chemistry*, **1997**, 378, 1521-30	4.5	13
51	The importance of being chaperoned: HSP90 and necroptosis. *Cell Chemical Biology*, **2016**, 23, 205-207	8.2	12
50	Effect of Immunosuppressive Agents on Hepatocyte Apoptosis Post-Liver Transplantation. *PLoS ONE*, **2015**, 10, e0138522	3.7	11
49	IAPS and ubiquitylation. *IUBMB Life*, **2012**, 64, 411-8	4.7	11
48	Ubiquitylation and cancer development. *Current Cancer Drug Targets*, **2008**, 8, 118-23	2.8	11
47	Oligomerization-driven MLKL ubiquitylation antagonizes necroptosis. *EMBO Journal*, **2021**, 40, e103718	13	11
46	Potent Inhibition of Necroptosis by Simultaneously Targeting Multiple Effectors of the Pathway. *ACS Chemical Biology*, **2020**, 15, 2702-2713	4.9	11
45	CARP2 deficiency does not alter induction of NF-kappaB by TNFalpha. *Current Biology*, **2009**, 19, R15-7; author reply R17-9	6.3	10
44	Combined PPAR□Activation and XIAP Inhibition as a Potential Therapeutic Strategy for Ovarian Granulosa Cell Tumors. *Molecular Cancer Therapeutics*, **2019**, 18, 364-375	6.1	10
43	Cell death: shadow baxing. *Current Biology*, **1998**, 8, R528-31	6.3	8
42	Dysregulation of hepatocyte cell cycle and cell viability by hepatitis B virus. *Virus Research*, **2010**, 147, 7-16	6.4	7
41	IAPs, TNF, inflammation and J□g Tschopp; a personal perspective. *Cell Death and Differentiation*, **2012**, 19, 1-4	12.7	7

40	More than cell death: caspases and caspase inhibitors on the move. *Developmental Cell*, **2004**, 7, 2-3	10.2	7
39	New perspectives in TNF-R1-induced NF-B signaling. *Advances in Experimental Medicine and Biology*, **2011**, 691, 79-88	3.6	7
38	NF-B and Pancreatic Cancer; Chapter and Verse. *Cancers*, **2021**, 13,	6.6	6
37	HOIP limits anti-tumor immunity by protecting against combined TNF and IFN-gamma-induced apoptosis. *EMBO Reports*, **2021**, 22, e53391	6.5	6
36	Hepatitis C-induced hepatocyte apoptosis following liver transplantation is enhanced by immunosuppressive agents. *Journal of Viral Hepatitis*, **2016**, 23, 730-43	3.4	5
35	Methods for Studying TNF-Mediated Necroptosis in Cultured Cells. *Methods in Molecular Biology*, **2018**, 1857, 53-61	1.4	5
34	Interferon- primes macrophages for pathogen ligand-induced killing via a caspase-8 and mitochondrial cell death pathway.. *Immunity*, **2022**,	32.3	5
33	Targeting XIAP and PPAR in Granulosa Cell Tumors Alters Metabolic Signaling. *Journal of Proteome Research*, **2019**, 18, 1691-1702	5.6	5
32	Response to Heard et al. *EMBO Journal*, **2015**, 34, 2396-7	13	4
31	Missense mutations in the MLKL brace region lead to lethal neonatal inflammation in mice and are present in high frequency in humans		4
30	'Did He Who Made the Lamb Make Thee?' New Developments in Treating the 'Fearful Symmetry' of Acute Myeloid Leukemia. *Trends in Molecular Medicine*, **2017**, 23, 264-281	11.5	3
29	SPATA2 - Keeping the TNF signal short and sweet. *EMBO Journal*, **2016**, 35, 1848-50	13	3
28	IAPs and Necroptotic Cell Death **2014**, 57-77		3
27	Another facet of ubiquitylation: death. *Journal of Molecular Cell Biology*, **2009**, 1, 80-1	6.3	3
26	A regulatory region on RIPK2 is required for XIAP binding and NOD signaling activity. *EMBO Reports* , **2020**, 21, e50400	6.5	3
25	Clinical MDR1 inhibitors enhance Smac-mimetic bioavailability to kill murine LSCs and improve survival in AML models. *Blood Advances*, **2020**, 4, 5062-5077	7.8	3
24	Combinatorial Treatment of Birinapant and Zosuquidar Enhances Effective Control of HBV Replication In Vivo. *Viruses*, **2020**, 12,	6.2	3
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