Stephen W G Tait

List of Publications by Year in Descending Order

83 papers	15,344 citations	42 h-index	96 g-index
96 ext. papers	18,982 ext. citations	13.2 avg, IF	7.02 L-index

#	Paper	IF	Citations
83	Mitochondrial dynamics regulate genome stability via control of caspase-dependent DNA damage.. *Developmental Cell*, **2022**,	10.2	1
82	Apoptotic stress-induced FGF signalling promotes non-cell autonomous resistance to cell death. *Nature Communications*, **2021**, 12, 6572	17.4	4
81	PINK1 drives production of mtDNA-containing extracellular vesicles to promote invasiveness. *Journal of Cell Biology*, **2021**, 220,	7.3	8
80	Mitochondrial quality control: from molecule to organelle. *Cellular and Molecular Life Sciences*, **2021** , 78, 3853-3866	10.3	16
79	Breast cancer dependence on MCL-1 is due to its canonical anti-apoptotic function. *Cell Death and Differentiation*, **2021**, 28, 2589-2600	12.7	10
78	BRD4-mediated repression of p53 is a target for combination therapy in AML. *Nature Communications*, **2021**, 12, 241	17.4	11
77	ER Stress Leaves an Inflammatory TRAIL. *Developmental Cell*, **2020**, 52, 678-680	10.2	1
76	Stress-induced TRAILR2 expression overcomes TRAIL resistance in cancer cell spheroids. *Cell Death and Differentiation*, **2020**, 27, 3037-3052	12.7	9
75	Mitochondria as multifaceted regulators of cell death. *Nature Reviews Molecular Cell Biology*, **2020**, 21, 85-100	48.7	462
74	Quantitative in vivo bioluminescence imaging of orthotopic patient-derived glioblastoma xenografts. *Scientific Reports*, **2020**, 10, 15361	4.9	3
73	Targeting immunogenic cell death in cancer. *Molecular Oncology*, **2020**, 14, 2994-3006	7.9	82
72	Venetoclax causes metabolic reprogramming independent of BCL-2 inhibition. *Cell Death and Disease*, **2020**, 11, 616	9.8	15
71	Mitochondrial DNA in inflammation and immunity. *EMBO Reports*, **2020**, 21, e49799	6.5	159
70	RIPK3 Activation Leads to Cytokine Synthesis that Continues after Loss of Cell Membrane Integrity. *Cell Reports*, **2019**, 28, 2275-2287.e5	10.6	45
69	Mitochondria and Inflammation: Cell Death Heats Up. *Frontiers in Cell and Developmental Biology*, **2019**, 7, 100	5.7	52
68	Mitochondria and pathogen immunity: from killer to firestarter. *EMBO Journal*, **2019**, 38,	13	5
67	Increasing the bactofection capacity of a mammalian expression vector by removal of the f1 ori. *Cancer Gene Therapy*, **2019**, 26, 183-194	5.4	5

66	Parkin inhibits necroptosis to prevent cancer. *Nature Cell Biology*, **2019**, 21, 915-916	23.4	6
65	Application of Mito-Priming to Generate BCL-2 Addicted Cells. *Methods in Molecular Biology*, **2019**, 1877, 45-60	1.4	1
64	Apoptosis and Cancer: Force Awakens, Phantom Menace, or Both?. *International Review of Cell and Molecular Biology*, **2018**, 337, 135-152	6	27
63	MCL-1 is a prognostic indicator and drug target in breast cancer. *Cell Death and Disease*, **2018**, 9, 19	9.8	88
62	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
61	Mitochondrial inner membrane permeabilisation enables mtDNA release during apoptosis. *EMBO Journal*, **2018**, 37,	13	158
60	p53 REEPs to sow ER-mitochondrial contacts. *Cell Research*, **2018**, 28, 877-878	24.7	1
59	BAX/BAK-Induced Apoptosis Results in Caspase-8-Dependent IL-1 Maturation in Macrophages. *Cell Reports*, **2018**, 25, 2354-2368.e5	10.6	54
58	Targeting BCL-2 regulated apoptosis in cancer. *Open Biology*, **2018**, 8,	7	234
57	MLKL Activation Triggers NLRP3-Mediated Processing and Release of IL-1 Independently of Gasdermin-D. *Journal of Immunology*, **2017**, 198, 2156-2164	5.3	103
56	Coordination by Cdc42 of Actin, Contractility, and Adhesion for Melanoblast Movement in Mouse Skin. *Current Biology*, **2017**, 27, 624-637	6.3	30
55	Cancer therapy-induced PAFR ligand expression: any role for caspase activity?. *Nature Reviews Cancer*, **2017**, 17, 253	31.3	1
54	Retrograde signaling from autophagy modulates stress responses. *Science Signaling*, **2017**, 10,	8.8	47
53	RIPK3 Restricts Viral Pathogenesis via Cell Death-Independent Neuroinflammation. *Cell*, **2017**, 169, 301-313.e11	36.2	104
52	Depletion of mitochondria in mammalian cells through enforced mitophagy. *Nature Protocols*, **2017**, 12, 183-194	18.8	27
51	RIPK3 promotes adenovirus type 5 activity. *Cell Death and Disease*, **2017**, 8, 3206	9.8	12
50	Mitochondrial permeabilization engages NF-B-dependent anti-tumour activity under caspase deficiency. *Nature Cell Biology*, **2017**, 19, 1116-1129	23.4	119
49	Metabolic Regulation of Immunity **2017**, 318-326		1

48	A fate worse than death: apoptosis as an oncogenic process. *Nature Reviews Cancer*, **2016**, 16, 539-48	31.3	234
47	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
46	Mito-priming as a method to engineer Bcl-2 addiction. *Nature Communications*, **2016**, 7, 10538	17.4	39
45	Mitochondria are required for pro-ageing features of the senescent phenotype. *EMBO Journal*, **2016**, 35, 724-42	13	357
44	Tight Sequestration of BH3 Proteins by BCL-xL at Subcellular Membranes Contributes to Apoptotic Resistance. *Cell Reports*, **2016**, 17, 3347-3358	10.6	35
43	Mitochondria and the hallmarks of cancer. *FEBS Journal*, **2016**, 283, 803-14	5.7	70
42	Mechanisms of mitophagy: putting the powerhouse into the doghouse. *Biological Chemistry*, **2016**, 397, 617-35	4.5	8
41	Mitochondrial Permeabilization: From Lethality to Vitality **2016**, 213-226		2
40	Limited mitochondrial permeabilization causes DNA damage and genomic instability in the absence of cell death. *Molecular Cell*, **2015**, 57, 860-872	17.6	220
39	Necroptosis: Fifty shades of RIPKs. *Molecular and Cellular Oncology*, **2015**, 2, e965638	1.2	2
38	Using enhanced-mitophagy to measure autophagic flux. *Methods*, **2015**, 75, 105-11	4.6	13
37	Differential retrotranslocation of mitochondrial Bax and Bak. *EMBO Journal*, **2015**, 34, 67-80	13	107
36	Die another way--non-apoptotic mechanisms of cell death. *Journal of Cell Science*, **2014**, 127, 2135-44	5.3	245
35	RIPK1 both positively and negatively regulates RIPK3 oligomerization and necroptosis. *Cell Death and Differentiation*, **2014**, 21, 1511-21	12.7	191
34	Ubiquitination and proteasomal degradation of ATG12 regulates its proapoptotic activity. *Autophagy*, **2014**, 10, 2269-78	10.2	36
33	Killing the Killer: PARC/CUL9 promotes cell survival by destroying cytochrome C. *Science Signaling*, **2014**, 7, pe17	8.8	4
32	DNA: leukemia's secret weapon of bone mass destruction. *Oncogene*, **2013**, 32, 5199-200	9.2	1
31	Mitochondrial regulation of cell death. *Cold Spring Harbor Perspectives in Biology*, **2013**, 5,	10.2	283

30	Widespread mitochondrial depletion via mitophagy does not compromise necroptosis. *Cell Reports*, **2013**, 5, 878-85	10.6	210
29	Mitochondria and cell signalling. *Journal of Cell Science*, **2012**, 125, 807-15	5.3	264
28	Mitochondrial pathway of apoptosis is ancestral in metazoans. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 4904-9	11.5	88
27	Endoplasmic reticulum protein BI-1 regulates Ca□+-mediated bioenergetics to promote autophagy. *Genes and Development*, **2012**, 26, 1041-54	12.6	71
26	Atg8 transfer from Atg7 to Atg3: a distinctive E1-E2 architecture and mechanism in the autophagy pathway. *Molecular Cell*, **2011**, 44, 451-61	17.6	108
25	A unified model of mammalian BCL-2 protein family interactions at the mitochondria. *Molecular Cell* , **2011**, 44, 517-31	17.6	434
24	Bid can mediate a pro-apoptotic response to etoposide and ionizing radiation without cleavage in its unstructured loop and in the absence of p53. *Oncogene*, **2011**, 30, 3636-47	9.2	12
23	MK-STYX, a catalytically inactive phosphatase regulating mitochondrially dependent apoptosis. *Molecular and Cellular Biology*, **2011**, 31, 1357-68	4.8	29
22	TLR2 and RIP2 pathways mediate autophagy of Listeria monocytogenes via extracellular signal-regulated kinase (ERK) activation. *Journal of Biological Chemistry*, **2011**, 286, 42981-91	5.4	99
21	Glucose deprivation induces an atypical form of apoptosis mediated by caspase-8 in Bax-, Bak-deficient cells. *Cell Death and Differentiation*, **2010**, 17, 1335-44	12.7	53
20	Smac/DIABLO release from mitochondria and XIAP inhibition are essential to limit clonogenicity of Type I tumor cells after TRAIL receptor stimulation. *Cell Death and Differentiation*, **2010**, 17, 1613-23	12.7	28
19	Mitochondria and cell death: outer membrane permeabilization and beyond. *Nature Reviews Molecular Cell Biology*, **2010**, 11, 621-32	48.7	1755
18	Resistance to caspase-independent cell death requires persistence of intact mitochondria. *Developmental Cell*, **2010**, 18, 802-13	10.2	137
17	Live to dead cell imaging. *Methods in Molecular Biology*, **2009**, 559, 33-48	1.4	5
16	Characterization of cytoplasmic caspase-2 activation by induced proximity. *Molecular Cell*, **2009**, 35, 830-40	17.6	106
15	Ionizing radiation modulates the TRAIL death-inducing signaling complex, allowing bypass of the mitochondrial apoptosis pathway. *Oncogene*, **2008**, 27, 574-84	9.2	34
14	Caspase-independent cell death: leaving the set without the final cut. *Oncogene*, **2008**, 27, 6452-61	9.2	258
13	Toll-like receptor signalling in macrophages links the autophagy pathway to phagocytosis. *Nature*, **2007**, 450, 1253-7	50.4	987

12	Apoptosis induction by Bid requires unconventional ubiquitination and degradation of its N-terminal fragment. *Journal of Cell Biology*, **2007**, 179, 1453-66	7.3	85
11	GAPDH and autophagy preserve survival after apoptotic cytochrome c release in the absence of caspase activation. *Cell*, **2007**, 129, 983-97	56.2	410
10	The mitogen-activated protein kinase pathway can inhibit TRAIL-induced apoptosis by prohibiting association of truncated Bid with mitochondria. *Cell Death and Differentiation*, **2006**, 13, 1857-65	12.7	16
9	Requirement for aspartate-cleaved bid in apoptosis signaling by DNA-damaging anti-cancer regimens. *Journal of Biological Chemistry*, **2004**, 279, 28771-80	5.4	33
8	Human death effector domain-associated factor interacts with the viral apoptosis agonist Apoptin and exerts tumor-preferential cell killing. *Cell Death and Differentiation*, **2004**, 11, 564-73	12.7	67
7	Mechanism of action of Drosophila Reaper in mammalian cells: Reaper globally inhibits protein synthesis and induces apoptosis independent of mitochondrial permeability. *Cell Death and Differentiation*, **2004**, 11, 800-11	12.7	13
6	TRAIL receptor and CD95 signal to mitochondria via FADD, caspase-8/10, Bid, and Bax but differentially regulate events downstream from truncated Bid. *Journal of Biological Chemistry*, **2002** , 277, 40760-7	5.4	50
5	Bcl-2 family member Bfl-1/A1 sequesters truncated bid to inhibit is collaboration with pro-apoptotic Bak or Bax. *Journal of Biological Chemistry*, **2002**, 277, 22781-8	5.4	128
4	African swine fever virus infection of porcine aortic endothelial cells leads to inhibition of inflammatory responses, activation of the thrombotic state, and apoptosis. *Journal of Virology*, **2001**, 75, 10372-82	6.6	37
3	Mechanism of inactivation of NF-kappa B by a viral homologue of I kappa b alpha. Signal-induced release of i kappa b alpha results in binding of the viral homologue to NF-kappa B. *Journal of Biological Chemistry*, **2000**, 275, 34656-64	5.4	65
2	Activated BAX/BAK enable mitochondrial inner membrane permeabilisation and mtDNA release during cell death		1
1	Increased apoptotic priming of glioblastoma enables therapeutic targeting by BH3-mimetics		1