Stephen W G Tait

List of Publications by Year
in descending order

87	22,179	53794 45	54911 84
papers	citations	h-index	g-index

96	96	96	35495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
3	Mitochondria and cell death: outer membrane permeabilization and beyond. Nature Reviews Molecular Cell Biology, 2010, 11, 621-632.	37.0	2,075
4	Mitochondria as multifaceted regulators of cell death. Nature Reviews Molecular Cell Biology, 2020, 21, 85-100.	37.0	1,253
5	Toll-like receptor signalling in macrophages links the autophagy pathway to phagocytosis. Nature, 2007, 450, 1253-1257.	27.8	1,181
6	Mitochondria are required for proâ€ageing features of the senescent phenotype. EMBO Journal, 2016, 35, 724-742.	7.8	527
7	A Unified Model of Mammalian BCL-2 Protein Family Interactions at the Mitochondria. Molecular Cell, 2011, 44, 517-531.	9.7	502
8	GAPDH and Autophagy Preserve Survival after Apoptotic Cytochrome c Release in the Absence of Caspase Activation. Cell, 2007, 129, 983-997.	28.9	464
9	Mitochondrial <scp>DNA</scp> in inflammation and immunity. EMBO Reports, 2020, 21, e49799.	4.5	446
10	Mitochondrial Regulation of Cell Death. Cold Spring Harbor Perspectives in Biology, 2013, 5, a008706-a008706.	5.5	396
11	Targeting immunogenic cell death in cancer. Molecular Oncology, 2020, 14, 2994-3006.	4.6	383
12	Targeting BCL-2 regulated apoptosis in cancer. Open Biology, 2018, 8, 180002.	3.6	377
13	Mitochondria and cell signalling. Journal of Cell Science, 2012, 125, 807-815.	2.0	345
14	Limited Mitochondrial Permeabilization Causes DNA Damage and Genomic Instability in the Absence of Cell Death. Molecular Cell, 2015, 57, 860-872.	9.7	341
15	A fate worse than death: apoptosis as an oncogenic process. Nature Reviews Cancer, 2016, 16, 539-548.	28.4	325
16	Mitochondrial inner membrane permeabilisation enables mt <scp>DNA</scp> release during apoptosis. EMBO Journal, 2018, 37, .	7.8	313
17	Caspase-independent cell death: leaving the set without the final cut. Oncogene, 2008, 27, 6452-6461.	5.9	303
18	Die another way â€“ non-apoptotic mechanisms of cell death. Journal of Cell Science, 2014, 127, 2135-2144.	2.0	299

#	Article	IF	Citations
19	RIPK1 both positively and negatively regulates RIPK3 oligomerization and necroptosis. Cell Death and Differentiation, 2014, 21, 1511-1521.	11.2	242
20	Widespread Mitochondrial Depletion via Mitophagy Does Not Compromise Necroptosis. Cell Reports, 2013, 5, 878-885.	6.4	240
21	Mitochondrial permeabilization engages NF-Î²B-dependent anti-tumour activity under caspaseÂdeficiency. Nature Cell Biology, 2017, 19, 1116-1129.	10.3	181
22	Resistance to Caspase-Independent Cell Death Requires Persistence of Intact Mitochondria. Developmental Cell, 2010, 18, 802-813.	7.0	165
23	RIPK3 Restricts Viral Pathogenesis via Cell Death-Independent Neuroinflammation. Cell, 2017, 169, 301-313.e11.	28.9	163
24	MLKL Activation Triggers NLRP3-Mediated Processing and Release of IL-1Î² Independently of Gasdermin-D. Journal of Immunology, 2017, 198, 2156-2164.	0.8	158
25	Bcl-2 Family Member Bfl-1/A1 Sequesters Truncated Bid to Inhibit Its Collaboration with Pro-apoptotic Bak or Bax. Journal of Biological Chemistry, 2002, 277, 22781-22788.	3.4	141
26	Differential retrotranslocation of mitochondrial Bax and Bak. EMBO Journal, 2015, 34, 67-80.	7.8	141
27	Atg8 Transfer from Atg7 to Atg3: A Distinctive E1-E2 Architecture and Mechanism in the Autophagy Pathway. Molecular Cell, 2011, 44, 451-461.	9.7	135
28	MCL-1 is a prognostic indicator and drug target in breast cancer. Cell Death and Disease, 2018, 9, 19.	6.3	134
29	Characterization of Cytoplasmic Caspase-2 Activation by Induced Proximity. Molecular Cell, 2009, 35, 830-840.	9.7	131
30	TLR2 and RIP2 Pathways Mediate Autophagy of Listeria monocytogenes via Extracellular Signal-regulated Kinase (ERK) Activation. Journal of Biological Chemistry, 2011, 286, 42981-42991.	3.4	119
31	Apoptosis induction by Bid requires unconventional ubiquitination and degradation of its N-terminal fragment. Journal of Cell Biology, 2007, 179, 1453-1466.	5.2	104
32	Mitochondrial pathway of apoptosis is ancestral in metazoans. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4904-4909.	7.1	104
33	Mitochondria and the hallmarks of cancer. FEBS Journal, 2016, 283, 803-814.	4.7	100
34	Mitochondria and Inflammation: Cell Death Heats Up. Frontiers in Cell and Developmental Biology, 2019, 7, 100.	3.7	86
35	RIPK3 Activation Leads to Cytokine Synthesis that Continues after Loss of Cell Membrane Integrity. Cell Reports, 2019, 28, 2275-2287.e5.	6.4	85
36	Endoplasmic reticulum protein BI-1 regulates Ca²⁺-mediated bioenergetics to promote autophagy. Genes and Development, 2012, 26, 1041-1054.	5.9	83

#	Article	IF	Citations
37	Mechanism of Inactivation of NF-Î¹B by a Viral Homologue of Iî¹BÎ±. Journal of Biological Chemistry, 2000, 275, 34656-34664.	3.4	77
38	BAX/BAK-Induced Apoptosis Results in Caspase-8-Dependent IL-1Î² Maturation in Macrophages. Cell Reports, 2018, 25, 2354-2368.e5.	6.4	74
39	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, 564-573.	11.2	72
40	Glucose deprivation induces an atypical form of apoptosis mediated by caspase-8 in Bax-, Bak-deficient cells. Cell Death and Differentiation, 2010, 17, 1335-1344.	11.2	66
41	Retrograde signaling from autophagy modulates stress responses. Science Signaling, 2017, 10, .	3.6	65
42	Mitochondrial quality control: from molecule to organelle. Cellular and Molecular Life Sciences, 2021, 78, 3853-3866.	5.4	56
43	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, 40760-40767.	3.4	55
44	Mito-priming as a method to engineer Bcl-2 addiction. Nature Communications, 2016, 7, 10538.	12.8	53
45	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, 10372-10382.	3.4	51
46	Venetoclax causes metabolic reprogramming independent of BCL-2 inhibition. Cell Death and Disease, 2020, 11, 616.	6.3	50
47	Ubiquitination and proteasomal degradation of ATG12 regulates its proapoptotic activity. Autophagy, 2014, 10, 2269-2278.	9.1	48
48	PINK1 drives production of mtDNA-containing extracellular vesicles to promote invasiveness. Journal of Cell Biology, 2021, 220, .	5.2	46
49	Apoptosis and Cancer: Force Awakens, Phantom Menace, or Both?. International Review of Cell and Molecular Biology, 2018, 337, 135-152.	3.2	45
50	Tight Sequestration of BH3 Proteins by BCL-xL at Subcellular Membranes Contributes to Apoptotic Resistance. Cell Reports, 2016, 17, 3347-3358.	6.4	44
51	BRD4-mediated repression of p53 is a target for combination therapy in AML. Nature Communications, 2021, 12, 241.	12.8	43
52	Depletion of mitochondria in mammalian cells through enforced mitophagy. Nature Protocols, 2017, 12, 183-194.	12.0	42
53	Coordination by Cdc42 of Actin, Contractility, and Adhesion for Melanoblast Movement in Mouse Skin. Current Biology, 2017, 27, 624-637.	3.9	38
54	Requirement for Aspartate-cleaved Bid in Apoptosis Signaling by DNA-damaging Anti-cancer Regimens. Journal of Biological Chemistry, 2004, 279, 28771-28780.	3.4	37

#	Article	IF	Citations
55	Ionizing radiation modulates the TRAIL death-inducing signaling complex, allowing bypass of the mitochondrial apoptosis pathway. Oncogene, 2008, 27, 574-584.	5.9	37
56	Mitochondrial dynamics regulate genome stability via control of caspase-dependent DNA damage. Developmental Cell, 2022, 57, 1211-1225.e6.	7.0	37
57	MK-STYX, a Catalytically Inactive Phosphatase Regulating Mitochondrially Dependent Apoptosis. Molecular and Cellular Biology, 2011, 31, 1357-1368.	2.3	34
58	Modulating mitofusins to control mitochondrial function and signaling. Nature Communications, 2022, 13, .	12.8	31
59	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, 1613-1623.	11.2	30
60	Breast cancer dependence on MCL-1 is due to its canonical anti-apoptotic function. Cell Death and Differentiation, 2021, 28, 2589-2600.	11.2	28
61	Apoptotic stress-induced FGF signalling promotes non-cell autonomous resistance to cell death. Nature Communications, 2021, 12, 6572.	12.8	28
62	Using enhanced-mitophagy to measure autophagic flux. Methods, 2015, 75, 105-111.	3.8	17
63	Stress-induced TRAILR2 expression overcomes TRAIL resistance in cancer cell spheroids. Cell Death and Differentiation, 2020, 27, 3037-3052.	11.2	17
64	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, 800-811.	11.2	16
65	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, 1857-1865.	11.2	16
66	RIPK3 promotes adenovirus type 5 activity. Cell Death and Disease, 2017, 8, 3206.	6.3	16
67	Caspase-independent cell death: An anti-cancer double whammy. Cell Cycle, 2018, 17, 269-270.	2.6	15
68	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, 3636-3647.	5.9	13
69	Parkin inhibits necroptosis to prevent cancer. Nature Cell Biology, 2019, 21, 915-916.	10.3	12
70	Mitochondria and pathogen immunity: from killer to firestarter. EMBO Journal, 2019, 38, .	7.8	12
71	Increasing the bactofection capacity of a mammalian expression vector by removal of the f1 ori. Cancer Gene Therapy, 2019, 26, 183-194.	4.6	11
72	Quantitative in vivo bioluminescence imaging of orthotopic patient-derived glioblastoma xenografts. Scientific Reports, 2020, 10, 15361.	3.3	10

#	Article	IF	Citations
73	Increased apoptotic sensitivity of glioblastoma enables therapeutic targeting by BH3-mimetics. Cell Death and Differentiation, 2022, 29, 2089-2104.	11.2	10
74	Mechanisms of mitophagy: putting the powerhouse into the doghouse. Biological Chemistry, 2016, 397, 617-635.	2.5	8
75	Killing the Killer: PARC/CUL9 Promotes Cell Survival by Destroying Cytochrome c. Science Signaling, 2014, 7, pe17.	3.6	7
76	Live to Dead Cell Imaging. Methods in Molecular Biology, 2009, 559, 33-48.	0.9	5
77	Cell survival in tough times: The mitochondrial recovery plan. Cell Cycle, 2010, 9, 4254-4255.	2.6	3
78	Mitochondrial Permeabilization: From Lethality to Vitality. , 2016, , 213-226.		3
79	Necroptosis: Fifty shades of RIPKs. Molecular and Cellular Oncology, 2015, 2, e965638.	0.7	2
80	Cancer therapy-induced PAFR ligand expression: any role for caspase activity?. Nature Reviews Cancer, 2017, 17, 253-253.	28.4	2
81	p53 REEPs to sow ERâ€“mitochondrial contacts. Cell Research, 2018, 28, 877-878.	12.0	2
82	ER Stress Leaves an Inflammatory TRAIL. Developmental Cell, 2020, 52, 678-680.	7.0	2
83	DNA: leukemia's secret weapon of bone mass destruction. Oncogene, 2013, 32, 5199-5200.	5.9	1
84	Metabolic Regulation of Immunity. , 2017, , 318-326.		1
85	Application of Mito-Priming to Generate BCL-2 Addicted Cells. Methods in Molecular Biology, 2019, 1877, 45-60.	0.9	1
86	GAPDH and Autophagy Preserve Survival after Apoptotic Cytochrome c Release in the Absence of Caspase Activation. Cell, 2007, 130, 385.	28.9	0
87	Killing cells using light (activated) sabers. Journal of Cell Biology, 2022, 221, .	5.2	0