

Howard O Fearnhead

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,155
citations

331670

21
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

2684
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple species of CPP32 and Mch2 are the major active caspases present in apoptotic cells. EMBO Journal, 1997, 16, 2271-2281.	7.8	343
2	Oncogene-dependent apoptosis is mediated by caspase-9. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 13664-13669.	7.1	165
3	An ICE-like protease is a common mediator of apoptosis induced by diverse stimuli in human monocytic THP.1 cells. FEBS Letters, 1995, 374, 303-308.	2.8	142
4	A non-apoptotic role for caspase-9 in muscle differentiation. Journal of Cell Science, 2008, 121, 3786-3793.	2.0	142
5	The Apaf-1-Procaspase-9 apoptosome complex functions as a proteolytic-based molecular timer. EMBO Journal, 2009, 28, 1916-1925.	7.8	113
6	Intracellular Nucleotides Act as Critical Prosurvival Factors by Binding to Cytochrome C and Inhibiting Apoptosome. Cell, 2006, 125, 1333-1346.	28.9	112
7	How do we fit ferroptosis in the family of regulated cell death?. Cell Death and Differentiation, 2017, 24, 1991-1998.	11.2	107
8	Molecular Cloning of ILP-2, a Novel Member of the Inhibitor of Apoptosis Protein Family. Molecular and Cellular Biology, 2001, 21, 4292-4301.	2.3	95
9	An interleukin-1 β -converting enzyme-like protease is a common mediator of apoptosis in thymocytes. FEBS Letters, 1995, 375, 283-288.	2.8	93
10	Small molecule inhibitors of Apaf-1-related caspase-3/-9 activation that control mitochondrial-dependent apoptosis. Cell Death and Differentiation, 2006, 13, 1523-1532.	11.2	72
11	New roles for old enzymes: killer caspases as the engine of cell behavior changes. Frontiers in Physiology, 2014, 5, 149.	2.8	70
12	Caspases as therapeutic targets. Journal of Cellular and Molecular Medicine, 2008, 12, 1502-1516.	3.6	65
13	CDC2 Activation Is Not Required for Thymocyte Apoptosis. Biochemical and Biophysical Research Communications, 1994, 202, 1400-1406.	2.1	63
14	Assay for Ubiquitin Ligase Activity: High-Throughput Screen for Inhibitors of HDM2. Journal of Biomolecular Screening, 2004, 9, 695-703.	2.6	55
15	A pre-existing protease is a common effector of thymocyte apoptosis mediated by diverse stimuli. FEBS Letters, 1995, 357, 242-246.	2.8	51
16	Selective repression of the oncogene cyclin D1 by the tumor suppressor miR-206 in cancers. Oncogenesis, 2014, 3, e113-e113.	4.9	47
17	Apocytochrome c Blocks Caspase-9 Activation and Bax-induced Apoptosis. Journal of Biological Chemistry, 2002, 277, 50834-50841.	3.4	46
18	p53-mediated induction of Noxa and p53AIP1 requires NF κ B. Cell Cycle, 2010, 9, 947-952.	2.6	37

#	ARTICLE	IF	CITATIONS
19	Viral hijacking of host caspases: an emerging category of pathogenâ€host interactions. <i>Cell Death and Differentiation</i> , 2017, 24, 1401-1410.	11.2	33
20	Activation of p73 and induction of Noxa by DNA damage requires NF-kappa B. <i>Aging</i> , 2009, 1, 335-349.	3.1	33
21	Apoptosome-dependent myotube formation involves activation of caspase-3 in differentiating myoblasts. <i>Cell Death and Disease</i> , 2020, 11, 308.	6.3	31
22	Apo cytochrome c inhibits caspases by preventing apoptosome formation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 944-950.	2.1	30
23	Dexamethasone and etoposide induce apoptosis in rat thymocytes from different phases of the cell cycle. <i>Biochemical Pharmacology</i> , 1994, 48, 1073-1079.	4.4	21
24	Inhibition of protein synthesis and JNK activation are not required for cell death induced by anisomycin and anisomycin analogues. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 761-767.	2.1	21
25	â€œDead Cells Talkingâ€: The Silent Form of Cell Death Is Not so Quiet. <i>Biochemistry Research International</i> , 2012, 2012, 1-8.	3.3	20
26	DNA degradation and proteolysis in thymocyte apoptosis. <i>Toxicology Letters</i> , 1995, 82-83, 135-141.	0.8	19
27	Loss of WD2 subdomain of Apaf-1 forms an apoptosome structure which blocks activation of caspase-3 and caspase-9. <i>Biochimie</i> , 2021, 180, 23-29.	2.6	16
28	Non-Canonical Roles of Apoptotic Caspases in the Nervous System. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 840023.	3.7	15
29	Identification of an inhibitor of caspase activation from heart extracts; ATP blocks apoptosome formation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 465-474.	4.9	14
30	Mesenchymal stem cells and a vitamin D receptor agonist additively suppress T helper 17 cells and the related inflammatory response in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F1412-F1426.	2.7	14
31	Apoptosome Formation through Disruption of the K192-D616 Salt Bridge in the Apaf-1 Closed Form. <i>ACS Omega</i> , 2021, 6, 22551-22558.	3.5	12
32	Chapter 7 Cell-free systems to study apoptosis. <i>Methods in Cell Biology</i> , 2001, 66, 167-185.	1.1	11
33	TPCK-induced apoptosis and labelling of the largest subunit of RNA polymerase II in Jurkat cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 1154-1164.	4.9	11
34	A new splitâ€Luciferase complementation assay identifies pentachlorophenol as an inhibitor of apoptosome formation. <i>FEBS Open Bio</i> , 2019, 9, 1194-1203.	2.3	11
35	<sc>DNA</sc>â€<sc>PK</sc> activity is associated with caspaseâ€dependent myogenic differentiation. <i>FEBS Journal</i> , 2016, 283, 3626-3636.	4.7	8
36	The Lumiptosome, an engineered luminescent form of the apoptosome can report cell death by using the same Apaf-1 dependent pathway. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	7

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37	Droplet Combinations: A Scalable Microfluidic Platform for Biochemical Assays. SLAS Technology, 2020, 25, 140-150.	1.9	4
38	Mitochondrial Regulation of Cell-Death. , 2013, , 33-60.		1
39	TPCK targets elements of mitotic spindle and induces cell cycle arrest in prometaphase. Biochemical and Biophysical Research Communications, 2010, 395, 458-464.	2.1	0