Howard O Fearnhead

List of Publications by Year
in descending order

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	Non-Canonical Roles of Apoptotic Caspases in the Nervous System. Frontiers in Cell and Developmental Biology, 2022, 10, 840023.	3.7	15
2	Loss of WD2 subdomain of Apaf-1 forms an apoptosome structure which blocks activation of caspase-3 and caspase-9. Biochimie, 2021, 180, 23-29.	2.6	16
3	Apoptosome Formation through Disruption of the K192-D616 Salt Bridge in the Apaf-1 Closed Form. ACS Omega, 2021, 6, 22551-22558.	3.5	12
4	Droplet Combinations: A Scalable Microfluidic Platform for Biochemical Assays. SLAS Technology, 2020, 25, 140-150.	1.9	4
5	The Lumiptosome, an engineered luminescent form of the apoptosome can report cell death by using the same Apaf-1 dependent pathway. Journal of Cell Science, 2020, 133, .	2.0	7
6	Apoptosome-dependent myotube formation involves activation of caspase-3 in differentiating myoblasts. Cell Death and Disease, 2020, 11, 308.	6.3	31
7	A new splitâ€luciferase complementation assay identifies pentachlorophenol as an inhibitor of apoptosome formation. FEBS Open Bio, 2019, 9, 1194-1203.	2.3	11
8	Viral hijacking of host caspases: an emerging category of pathogenâ€“host interactions. Cell Death and Differentiation, 2017, 24, 1401-1410.	11.2	33
9	How do we fit ferroptosis in the family of regulated cell death?. Cell Death and Differentiation, 2017, 24, 1991-1998.	11.2	107
10	<scp>DNA</scp>â€<scp>PK</scp> activity is associated with caspaseâ€dependent myogenic differentiation. FEBS Journal, 2016, 283, 3626-3636.	4.7	8
11	Selective repression of the oncogene cyclin D1 by the tumor suppressor miR-206 in cancers. Oncogenesis, 2014, 3, e113-e113.	4.9	47
12	New roles for old enzymes: killer caspases as the engine of cell behavior changes. Frontiers in Physiology, 2014, 5, 149.	2.8	70
13	Mesenchymal stem cells and a vitamin D receptor agonist additively suppress T helper 17 cells and the related inflammatory response in the kidney. American Journal of Physiology - Renal Physiology, 2014, 307, F1412-F1426.	2.7	14
14	Inhibition of protein synthesis and JNK activation are not required for cell death induced by anisomycin and anisomycin analogues. Biochemical and Biophysical Research Communications, 2014, 443, 761-767.	2.1	21
15	Mitochondrial Regulation of Cell-Death. , 2013, , 33-60.		1
16	â€œDead Cells Talkingâ€: The Silent Form of Cell Death Is Not so Quiet. Biochemistry Research International, 2012, 2012, 1-8.	3.3	20
17	p53-mediated induction of Noxa and p53AIP1 requires NFÎºB. Cell Cycle, 2010, 9, 947-952.	2.6	37
18	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

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19	TPCK-induced apoptosis and labelling of the largest subunit of RNA polymerase II in Jurkat cells. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 1154-1164.	4.9	11
20	The Apaf-1â€¢procaspase-9 apoptosome complex functions as a proteolytic-based molecular timer. EMBO Journal, 2009, 28, 1916-1925.	7.8	113
21	Activation of p73 and induction of Noxa by DNA damage requires NF-kappa B. Aging, 2009, 1, 335-349.	3.1	33
22	Caspases as therapeutic targets. Journal of Cellular and Molecular Medicine, 2008, 12, 1502-1516.	3.6	65
23	A non-apoptotic role for caspase-9 in muscle differentiation. Journal of Cell Science, 2008, 121, 3786-3793.	2.0	142
24	Identification of an inhibitor of caspase activation from heart extracts; ATP blocks apoptosome formation. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 465-474.	4.9	14
25	Intracellular Nucleotides Act as Critical Prosurvival Factors by Binding to Cytochrome C and Inhibiting Apoptosome. Cell, 2006, 125, 1333-1346.	28.9	112
26	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
27	Assay for Ubiquitin Ligase Activity: High-Throughput Screen for Inhibitors of HDM2. Journal of Biomolecular Screening, 2004, 9, 695-703.	2.6	55
28	Apo cytochrome c inhibits caspases by preventing apoptosome formation. Biochemical and Biophysical Research Communications, 2004, 319, 944-950.	2.1	30
29	Apocytochrome c Blocks Caspase-9 Activation and Bax-induced Apoptosis. Journal of Biological Chemistry, 2002, 277, 50834-50841.	3.4	46
30	Chapter 7 Cell-free systems to study apoptosis. Methods in Cell Biology, 2001, 66, 167-185.	1.1	11
31	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
32	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
33	Multiple species of CPP32 and Mch2 are the major active caspases present in apoptotic cells. EMBO Journal, 1997, 16, 2271-2281.	7.8	343
34	A pre-existing protease is a common effector of thymocyte apoptosis mediated by diverse stimuli. FEBS Letters, 1995, 357, 242-246.	2.8	51
35	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
36	An interleukin-1Î²-converting enzyme-like protease is a common mediator of apoptosis in thymocytes. FEBS Letters, 1995, 375, 283-288.	2.8	93

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37	DNA degradation and proteolysis in thymocyte apoptosis. Toxicology Letters, 1995, 82-83, 135-141.	0.8	19
38	CDC2 Activation Is Not Required for Thymocyte Apoptosis. Biochemical and Biophysical Research Communications, 1994, 202, 1400-1406.	2.1	63
39	Dexamethasone and etoposide induce apoptosis in rat thymocytes from different phases of the cell cycle. Biochemical Pharmacology, 1994, 48, 1073-1079.	4.4	21