

Howard O Fearnhead

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,155
citations

331538

21
h-index

315616

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. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 840023.	1.8	15
2	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.	1.3	16
3	Apoptosome Formation through Disruption of the K192-D616 Salt Bridge in the Apaf-1 Closed Form. <i>ACS Omega</i> , 2021, 6, 22551-22558.	1.6	12
4	Droplet Combinations: A Scalable Microfluidic Platform for Biochemical Assays. <i>SLAS Technology</i> , 2020, 25, 140-150.	1.0	4
5	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, .	1.2	7
6	Apoptosome-dependent myotube formation involves activation of caspase-3 in differentiating myoblasts. <i>Cell Death and Disease</i> , 2020, 11, 308.	2.7	31
7	A new split-luciferase complementation assay identifies pentachlorophenol as an inhibitor of apoptosome formation. <i>FEBS Open Bio</i> , 2019, 9, 1194-1203.	1.0	11
8	Viral hijacking of host caspases: an emerging category of pathogen-host interactions. <i>Cell Death and Differentiation</i> , 2017, 24, 1401-1410.	5.0	33
9	How do we fit ferroptosis in the family of regulated cell death?. <i>Cell Death and Differentiation</i> , 2017, 24, 1991-1998.	5.0	107
10	<sc>DNA</sc> activity is associated with caspase-dependent myogenic differentiation. <i>FEBS Journal</i> , 2016, 283, 3626-3636.	2.2	8
11	Selective repression of the oncogene cyclin D1 by the tumor suppressor miR-206 in cancers. <i>Oncogenesis</i> , 2014, 3, e113-e113.	2.1	47
12	New roles for old enzymes: killer caspases as the engine of cell behavior changes. <i>Frontiers in Physiology</i> , 2014, 5, 149.	1.3	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. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F1412-F1426.	1.3	14
14	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.	1.0	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. <i>Biochemistry Research International</i> , 2012, 2012, 1-8.	1.5	20
17	p53-mediated induction of Noxa and p53AIP1 requires NF- κ B. <i>Cell Cycle</i> , 2010, 9, 947-952.	1.3	37
18	TPCK targets elements of mitotic spindle and induces cell cycle arrest in prometaphase. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 458-464.	1.0	0

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19	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.	2.2	11
20	The Apaf-1-Procaspase-9 apoptosome complex functions as a proteolytic-based molecular timer. <i>EMBO Journal</i> , 2009, 28, 1916-1925.	3.5	113
21	Activation of p73 and induction of Noxa by DNA damage requires NF-kappa B. <i>Aging</i> , 2009, 1, 335-349.	1.4	33
22	Caspases as therapeutic targets. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1502-1516.	1.6	65
23	A non-apoptotic role for caspase-9 in muscle differentiation. <i>Journal of Cell Science</i> , 2008, 121, 3786-3793.	1.2	142
24	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.	2.2	14
25	Intracellular Nucleotides Act as Critical Prosurvival Factors by Binding to Cytochrome C and Inhibiting Apoptosome. <i>Cell</i> , 2006, 125, 1333-1346.	13.5	112
26	Small molecule inhibitors of Apaf-1-related caspase-3/9 activation that control mitochondrial-dependent apoptosis. <i>Cell Death and Differentiation</i> , 2006, 13, 1523-1532.	5.0	72
27	Assay for Ubiquitin Ligase Activity: High-Throughput Screen for Inhibitors of HDM2. <i>Journal of Biomolecular Screening</i> , 2004, 9, 695-703.	2.6	55
28	Apo cytochrome c inhibits caspases by preventing apoptosome formation. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 944-950.	1.0	30
29	Apocytochrome c Blocks Caspase-9 Activation and Bax-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 50834-50841.	1.6	46
30	Chapter 7 Cell-free systems to study apoptosis. <i>Methods in Cell Biology</i> , 2001, 66, 167-185.	0.5	11
31	Molecular Cloning of ILP-2, a Novel Member of the Inhibitor of Apoptosis Protein Family. <i>Molecular and Cellular Biology</i> , 2001, 21, 4292-4301.	1.1	95
32	Oncogene-dependent apoptosis is mediated by caspase-9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13664-13669.	3.3	165
33	Multiple species of CPP32 and Mch2 are the major active caspases present in apoptotic cells. <i>EMBO Journal</i> , 1997, 16, 2271-2281.	3.5	343
34	A pre-existing protease is a common effector of thymocyte apoptosis mediated by diverse stimuli. <i>FEBS Letters</i> , 1995, 357, 242-246.	1.3	51
35	An ICE-like protease is a common mediator of apoptosis induced by diverse stimuli in human monocytic THP.1 cells. <i>FEBS Letters</i> , 1995, 374, 303-308.	1.3	142
36	An interleukin-1 β -converting enzyme-like protease is a common mediator of apoptosis in thymocytes. <i>FEBS Letters</i> , 1995, 375, 283-288.	1.3	93

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37	DNA degradation and proteolysis in thymocyte apoptosis. Toxicology Letters, 1995, 82-83, 135-141.	0.4	19
38	CDC2 Activation Is Not Required for Thymocyte Apoptosis. Biochemical and Biophysical Research Communications, 1994, 202, 1400-1406.	1.0	63
39	Dexamethasone and etoposide induce apoptosis in rat thymocytes from different phases of the cell cycle. Biochemical Pharmacology, 1994, 48, 1073-1079.	2.0	21