

Afshin Samali

List of Publications by Citations

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178
papers

20,248
citations

59
h-index

141
g-index

194
ext. papers

23,023
ext. citations

6.6
avg, IF

6.7
L-index

#	Paper	IF	Citations
178	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
177	Mediators of endoplasmic reticulum stress-induced apoptosis. <i>EMBO Reports</i> , 2006 , 7, 880-5	6.5	1731
176	Triggering and modulation of apoptosis by oxidative stress. <i>Free Radical Biology and Medicine</i> , 2000 , 29, 323-33	7.8	1006
175	The integrated stress response. <i>EMBO Reports</i> , 2016 , 17, 1374-1395	6.5	922
174	Cellular stress responses: cell survival and cell death. <i>International Journal of Cell Biology</i> , 2010 , 2010, 214074	2.6	718
173	The eIF2 α kinases: their structures and functions. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 3493-511	10.3	487
172	PERK is required at the ER-mitochondrial contact sites to convey apoptosis after ROS-based ER stress. <i>Cell Death and Differentiation</i> , 2012 , 19, 1880-91	12.7	468
171	Heat shock proteins increase resistance to apoptosis. <i>Experimental Cell Research</i> , 1996 , 223, 163-70	4.2	460
170	On the role of Hsp27 in regulating apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2003 , 8, 61-70	5.4	404
169	Presence of a pre-apoptotic complex of pro-caspase-3, Hsp60 and Hsp10 in the mitochondrial fraction of jurkat cells. <i>EMBO Journal</i> , 1999 , 18, 2040-8	13	395
168	Caspase-12 and ER-stress-mediated apoptosis: the story so far. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1010, 186-94	6.5	355
167	Endoplasmic reticulum stress signalling - from basic mechanisms to clinical applications. <i>FEBS Journal</i> , 2019 , 286, 241-278	5.7	309
166	Caspases: their intracellular localization and translocation during apoptosis. <i>Cell Death and Differentiation</i> , 1999 , 6, 644-51	12.7	284
165	Stress management at the ER: regulators of ER stress-induced apoptosis. <i>Pharmacology & Therapeutics</i> , 2012 , 134, 306-16	13.9	279
164	Losing heart: the role of apoptosis in heart disease--a novel therapeutic target?. <i>FASEB Journal</i> , 2002 , 16, 135-46	0.9	250
163	Targeting the endoplasmic reticulum-stress response as an anticancer strategy. <i>European Journal of Pharmacology</i> , 2009 , 625, 234-46	5.3	235
162	Unfolded proteins and endoplasmic reticulum stress in neurodegenerative disorders. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 2025-39	5.6	232

161	Endoplasmic reticulum stress-activated cell reprogramming in oncogenesis. <i>Cancer Discovery</i> , 2015 , 5, 586-97	24.4	227
160	TRAIL receptor signalling and modulation: Are we on the right TRAIL?. <i>Cancer Treatment Reviews</i> , 2009 , 35, 280-8	14.4	227
159	Heat shock proteins: regulators of stress response and apoptosis. <i>Cell Stress and Chaperones</i> , 1998 , 3, 228-36	4	219
158	Bcl-2 family on guard at the ER. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 296, C941-53	5.4	207
157	New directions in ER stress-induced cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013 , 18, 537-46	5.4	203
156	Stress-induced self-cannibalism: on the regulation of autophagy by endoplasmic reticulum stress. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 2425-41	10.3	195
155	Methods for monitoring endoplasmic reticulum stress and the unfolded protein response. <i>International Journal of Cell Biology</i> , 2010 , 2010, 830307	2.6	187
154	HSP72 protects cells from ER stress-induced apoptosis via enhancement of IRE1alpha-XBP1 signaling through a physical interaction. <i>PLoS Biology</i> , 2010 , 8, e1000410	9.7	179
153	Cleavage of the calpain inhibitor, calpastatin, during apoptosis. <i>Cell Death and Differentiation</i> , 1998 , 5, 1028-33	12.7	177
152	A comparative study of apoptosis and necrosis in HepG2 cells: oxidant-induced caspase inactivation leads to necrosis. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 255, 6-11	3.4	174
151	Apoptosis: cell death defined by caspase activation. <i>Cell Death and Differentiation</i> , 1999 , 6, 495-6	12.7	172
150	ER stress contributes to ischemia-induced cardiomyocyte apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 349, 1406-11	3.4	161
149	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. <i>Pharmacology & Therapeutics</i> , 2018 , 184, 13-41	13.9	161
148	Hsp27 inhibits cytochrome c-mediated caspase activation by sequestering both pro-caspase-3 and cytochrome c. <i>Gene Expression</i> , 2001 , 9, 195-201	3.4	160
147	Metabolic flexibility permits mesenchymal stem cell survival in an ischemic environment. <i>Stem Cells</i> , 2008 , 26, 1325-36	5.8	149
146	The unfolded protein response at the crossroads of cellular life and death during endoplasmic reticulum stress. <i>Biology of the Cell</i> , 2012 , 104, 259-70	3.5	148
145	Compartmental oxidation of thiol-disulphide redox couples during epidermal growth factor signalling. <i>Biochemical Journal</i> , 2005 , 386, 215-9	3.8	141
144	Stressed to death - mechanisms of ER stress-induced cell death. <i>Biological Chemistry</i> , 2014 , 395, 1-13	4.5	139

143	Designed tumor necrosis factor-related apoptosis-inducing ligand variants initiating apoptosis exclusively via the DR5 receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8634-9	11.5	138
142	Hsp27 protects mitochondria of thermotolerant cells against apoptotic stimuli. <i>Cell Stress and Chaperones</i> , 2001 , 6, 49-58	4	134
141	Phosphatidylserine exposure during apoptosis is a cell-type-specific event and does not correlate with plasma membrane phospholipid scramblase expression. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 266, 504-11	3.4	122
140	Inhibition of IRE1 RNase activity modulates the tumor cell secretome and enhances response to chemotherapy. <i>Nature Communications</i> , 2018 , 9, 3267	17.4	118
139	The ER Stress Sensor PERK Coordinates ER-Plasma Membrane Contact Site Formation through Interaction with Filamin-A and F-Actin Remodeling. <i>Molecular Cell</i> , 2017 , 65, 885-899.e6	17.6	114
138	Antioxidant-mediated inhibition of the heat shock response leads to apoptosis. <i>FEBS Letters</i> , 1999 , 445, 98-102	3.8	110
137	The role of the unfolded protein response in cancer progression: From oncogenesis to chemoresistance. <i>Biology of the Cell</i> , 2019 , 111, 1-17	3.5	109
136	Endoplasmic reticulum stress and the unfolded protein response: targeting the Achilles heel of multiple myeloma. <i>Molecular Cancer Therapeutics</i> , 2013 , 12, 831-43	6.1	106
135	An unfractionated fucoidan from <i>Ascophyllum nodosum</i> : extraction, characterization, and apoptotic effects in vitro. <i>Journal of Natural Products</i> , 2011 , 74, 1851-61	4.9	101
134	Thermotolerance and cell death are distinct cellular responses to stress: dependence on heat shock proteins. <i>FEBS Letters</i> , 1999 , 461, 306-10	3.8	97
133	Ischemia/reperfusion injury at the intersection with cell death. <i>Journal of Molecular and Cellular Cardiology</i> , 2005 , 38, 21-33	5.8	89
132	Endoplasmic reticulum stress induces ligand-independent TNFR1-mediated necroptosis in L929 cells. <i>Cell Death and Disease</i> , 2015 , 6, e1587	9.8	87
131	Dual IRE1 RNase functions dictate glioblastoma development. <i>EMBO Molecular Medicine</i> , 2018 , 10,	12	86
130	Don't lose heart--therapeutic value of apoptosis prevention in the treatment of cardiovascular disease. <i>Journal of Cellular and Molecular Medicine</i> , 2005 , 9, 609-22	5.6	86
129	Hsp27 inhibits 6-hydroxydopamine-induced cytochrome c release and apoptosis in PC12 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 327, 801-10	3.4	84
128	Structural determinants of DISC function: new insights into death receptor-mediated apoptosis signalling. <i>Pharmacology & Therapeutics</i> , 2013 , 140, 186-99	13.9	79
127	Regulation of apoptosis by heat shock proteins. <i>IUBMB Life</i> , 2014 , 66, 327-38	4.7	78
126	Perk-dependent repression of miR-106b-25 cluster is required for ER stress-induced apoptosis. <i>Cell Death and Disease</i> , 2012 , 3, e333	9.8	77

125	Increased expression of endoplasmic reticulum stress-related signaling pathway molecules in multiple sclerosis lesions. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008 , 67, 200-11	3.1	77
124	Distinct mechanisms of cardiomyocyte apoptosis induced by doxorubicin and hypoxia converge on mitochondria and are inhibited by Bcl-xL. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 509-20	5.6	74
123	Detection of pro-caspase-3 in cytosol and mitochondria of various tissues. <i>FEBS Letters</i> , 1998 , 431, 167-93.8	3.8	70
122	Controlling the unfolded protein response-mediated life and death decisions in cancer. <i>Seminars in Cancer Biology</i> , 2015 , 33, 57-66	12.7	69
121	Autophagy and the unfolded protein response promote profibrotic effects of TGF- β in human lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 314, L493-L504	5.8	66
120	Apoptosis -- the story so far. <i>Experientia</i> , 1996 , 52, 933-41		64
119	Mechanisms of ER Stress-Mediated Mitochondrial Membrane Permeabilization. <i>International Journal of Cell Biology</i> , 2010 , 2010, 170215	2.6	59
118	Anti-oxidants and apoptosis. <i>Biochemical Society Transactions</i> , 1996 , 24, 229-33	5.1	59
117	Addicted to secrete - novel concepts and targets in cancer therapy. <i>Trends in Molecular Medicine</i> , 2014 , 20, 242-50	11.5	58
116	Endoplasmic reticulum stress-mediated induction of SESTRIN 2 potentiates cell survival. <i>Oncotarget</i> , 2016 , 7, 12254-66	3.3	56
115	Rapid and efficient cancer cell killing mediated by high-affinity death receptor homotrimerizing TRAIL variants. <i>Cell Death and Disease</i> , 2010 , 1, e83	9.8	55
114	Selective oxidative stress in cell nuclei by nuclear-targeted D-amino acid oxidase. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 807-16	8.4	54
113	Heat shock protects PC12 cells against MPP+ toxicity. <i>Brain Research</i> , 2003 , 993, 133-9	3.7	54
112	Resistance to TRAIL in non-transformed cells is due to multiple redundant pathways. <i>Cell Death and Disease</i> , 2013 , 4, e702	9.8	52
111	Cytokine-induced beta-cell apoptosis is NO-dependent, mitochondria-mediated and inhibited by BCL-XL. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 591-606	5.6	50
110	Tumour Cell Secretome in Chemoresistance and Tumour Recurrence. <i>Trends in Cancer</i> , 2020 , 6, 489-505	12.5	49
109	Hepatitis B and C virus-induced hepatitis: Apoptosis, autophagy, and unfolded protein response. <i>World Journal of Gastroenterology</i> , 2015 , 21, 13225-39	5.6	49
108	Novel roles of the unfolded protein response in the control of tumor development and aggressiveness. <i>Seminars in Cancer Biology</i> , 2015 , 33, 67-73	12.7	48

107	DR4-selective tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) variants obtained by structure-based design. <i>Journal of Biological Chemistry</i> , 2008 , 283, 20560-8	5.4	46
106	Decoy receptors block TRAIL sensitivity at a supracellular level: the role of stromal cells in controlling tumour TRAIL sensitivity. <i>Oncogene</i> , 2016 , 35, 1261-70	9.2	45
105	Enhanced antitumor efficacy of a DR5-specific TRAIL variant over recombinant human TRAIL in a bioluminescent ovarian cancer xenograft model. <i>Clinical Cancer Research</i> , 2009 , 15, 2048-57	12.9	43
104	Use of flow cytometry techniques in studying mechanisms of apoptosis in leukemic cells. <i>Cytometry</i> , 1997 , 29, 97-105		41
103	A close connection between the PERK and IRE arms of the UPR and the transcriptional regulation of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 456, 305-11	3.4	40
102	Deficiency in the mitochondrial apoptotic pathway reveals the toxic potential of autophagy under ER stress conditions. <i>Autophagy</i> , 2014 , 10, 1921-36	10.2	40
101	Stem cells are resistant to TRAIL receptor-mediated apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 4409-14	5.6	38
100	The unfolded protein response modulators GSK2606414 and KIRA6 are potent KIT inhibitors. <i>Cell Death and Disease</i> , 2019 , 10, 300	9.8	36
99	Mechanisms of action of a dual Cdc7/Cdk9 kinase inhibitor against quiescent and proliferating CLL cells. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1624-34	6.1	36
98	Cellular longevity: role of apoptosis and replicative senescence. <i>Biogerontology</i> , 2002 , 3, 195-206	4.5	35
97	The Unfolded Protein Response in Breast Cancer. <i>Cancers</i> , 2018 , 10,	6.6	35
96	Nerve growth factor-mediated inhibition of apoptosis post-caspase activation is due to removal of active caspase-3 in a lysosome-dependent manner. <i>Cell Death and Disease</i> , 2014 , 5, e1202	9.8	34
95	Assays for detecting the unfolded protein response. <i>Methods in Enzymology</i> , 2011 , 490, 31-51	1.7	34
94	Nerve growth factor blocks thapsigargin-induced apoptosis at the level of the mitochondrion via regulation of Bim. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 2482-96	5.6	33
93	Regulation of the unfolded protein response by noncoding RNA. <i>American Journal of Physiology - Cell Physiology</i> , 2017 , 313, C243-C254	5.4	32
92	RIPK1 promotes death receptor-independent caspase-8-mediated apoptosis under unresolved ER stress conditions. <i>Cell Death and Disease</i> , 2014 , 5, e1555	9.8	31
91	Early growth response-1 is a regulator of DR5-induced apoptosis in colon cancer cells. <i>British Journal of Cancer</i> , 2010 , 102, 754-64	8.7	30
90	Differential activation of JNK1 isoforms by TRAIL receptors modulate apoptosis of colon cancer cell lines. <i>British Journal of Cancer</i> , 2009 , 100, 1415-24	8.7	30

89	The switch from survival responses to apoptosis after chromosomal breaks. <i>DNA Repair</i> , 2004 , 3, 989-95	4.3	30
88	Control of anterior GRadient 2 (AGR2) dimerization links endoplasmic reticulum proteostasis to inflammation. <i>EMBO Molecular Medicine</i> , 2019 , 11,	12	29
87	Methods for studying ER stress and UPR markers in human cells. <i>Methods in Molecular Biology</i> , 2015 , 1292, 3-18	1.4	29
86	Pro-apoptotic signaling induced by photo-oxidative ER stress is amplified by Noxa, not Bim. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 438, 500-6	3.4	29
85	Crosstalk between inflammatory mediators and endoplasmic reticulum stress in liver diseases. <i>Cytokine</i> , 2019 , 124, 154577	4	29
84	Endoplasmic reticulum stress: at the crossroads of inflammation and metabolism in hepatocellular carcinoma development. <i>Cancer Cell</i> , 2014 , 26, 301-303	24.3	28
83	Cell stress and cell death. <i>International Journal of Cell Biology</i> , 2010 , 2010, 245803	2.6	28
82	Distinct effects of high-glucose conditions on endothelial cells of macrovascular and microvascular origins. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2006 , 13, 9-16		28
81	Dexamethasone inhibits apoptosis in C6 glioma cells through increased expression of Bcl-XL. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006 , 11, 1247-55	5.4	28
80	Disruption of microRNA biogenesis confers resistance to ER stress-induced cell death upstream of the mitochondrion. <i>PLoS ONE</i> , 2013 , 8, e73870	3.7	27
79	Enhancement of antitumor properties of rhTRAIL by affinity increase toward its death receptors. <i>Biochemistry</i> , 2009 , 48, 2180-91	3.2	27
78	TRAIL sensitisation by arsenic trioxide is caspase-8 dependent and involves modulation of death receptor components and Akt. <i>British Journal of Cancer</i> , 2006 , 94, 398-406	8.7	27
77	Inhibition of IRE1 β RNase activity reduces NLRP3 inflammasome assembly and processing of pro-IL1 β <i>Cell Death and Disease</i> , 2019 , 10, 622	9.8	25
76	HSPB1 facilitates ERK-mediated phosphorylation and degradation of BIM to attenuate endoplasmic reticulum stress-induced apoptosis. <i>Cell Death and Disease</i> , 2017 , 8, e3026	9.8	25
75	In the cut and thrust of apoptosis, serine proteases come of age. <i>Biochemical Pharmacology</i> , 2003 , 66, 1469-74	6	25
74	PERK regulated miR-424(322)-503 cluster fine-tunes activation of IRE1 and ATF6 during Unfolded Protein Response. <i>Scientific Reports</i> , 2015 , 5, 18304	4.9	25
73	Bisphenol A-mediated suppression of LPL gene expression inhibits triglyceride accumulation during adipogenic differentiation of human adult stem cells. <i>PLoS ONE</i> , 2012 , 7, e36109	3.7	24
72	The ability to cleave 28S ribosomal RNA during apoptosis is a cell-type dependent trait unrelated to DNA fragmentation. <i>Cell Death and Differentiation</i> , 1997 , 4, 289-93	12.7	24

71	beta cell cytoprotective strategies: establishing the relative roles for iNOS and ROS. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 1240-8	3.4	24
70	Kinetics in signal transduction pathways involving promiscuous oligomerizing receptors can be determined by receptor specificity: apoptosis induction by TRAIL. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, M111.013730	7.6	23
69	Functionality of NGF-protected PC12 cells following exposure to 6-hydroxydopamine. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 351, 890-5	3.4	22
68	The pyrrolo-1,5-benzoxazepine, PBOX-15, enhances TRAIL-induced apoptosis by upregulation of DR5 and downregulation of core cell survival proteins in acute lymphoblastic leukaemia cells. <i>International Journal of Oncology</i> , 2016 , 49, 74-88	4.4	21
67	miRNA signature of unfolded protein response in H9c2 rat cardiomyoblasts. <i>Cell and Bioscience</i> , 2014 , 4, 56	9.8	21
66	Interleukin-1, interleukin-8, tumour necrosis factor alpha and interferon gamma stimulate DNA synthesis but have no effect on apoptosis in small-intestinal cell lines. <i>European Journal of Gastroenterology and Hepatology</i> , 2001 , 13, 551-9	2.2	21
65	Simvastatin Induces Unfolded Protein Response and Enhances Temozolomide-Induced Cell Death in Glioblastoma Cells. <i>Cells</i> , 2020 , 9,	7.9	21
64	NOXA contributes to the sensitivity of PERK-deficient cells to ER stress. <i>FEBS Letters</i> , 2012 , 586, 4023-30,8		19
63	Is there a role for nuclear factor kappaB in tumor necrosis factor-related apoptosis-inducing ligand resistance?. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1171, 38-49	6.5	19
62	Repression of Mcl-1 expression by the CDC7/CDK9 inhibitor PHA-767491 overcomes bone marrow stroma-mediated drug resistance in AML. <i>Scientific Reports</i> , 2018 , 8, 15752	4.9	19
61	Regulation of lipid metabolism by the unfolded protein response. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 1359-1370	5.6	18
60	Targeting AML through DR4 with a novel variant of rhTRAIL. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 2216-31	5.6	17
59	Decorated macrocycles via ring-closing double-reductive amination. identification of an apoptosis inducer of leukemic cells that at least partially antagonizes a 5-HT2 receptor. <i>Organic Letters</i> , 2015 , 17, 1672-5	6.2	16
58	Drugging the unfolded protein response in acute leukemias. <i>Journal of Hematology and Oncology</i> , 2015 , 8, 87	22.4	16
57	RIP2 enhances cell survival by activation of NF- κ B in triple negative breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 497, 115-121	3.4	16
56	Merits and pitfalls of conventional and covalent docking in identifying new hydroxyl aryl aldehyde like compounds as human IRE1 inhibitors. <i>Scientific Reports</i> , 2019 , 9, 3407	4.9	15
55	Heat shock preconditioning protects against ER stress-induced apoptosis through the regulation of the BH3-only protein BIM. <i>FEBS Open Bio</i> , 2014 , 4, 813-21	2.7	15
54	Synthetic constrained peptide selectively binds and antagonizes death receptor 5. <i>FEBS Journal</i> , 2010 , 277, 1653-65	5.7	15

53	Impairment of endoplasmic reticulum in liver as an early consequence of the systemic inflammatory response in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, G1373-83	5.1	13
52	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, 465-74	5.4	13
51	Cytoprotection of beta cells: rational gene transfer strategies. <i>Diabetes/Metabolism Research and Reviews</i> , 2006 , 22, 241-52	7.5	12
50	Local intracerebral inhibition of IRE1 by MKC8866 sensitizes glioblastoma to irradiation/chemotherapy in vivo. <i>Cancer Letters</i> , 2020 , 494, 73-83	9.9	12
49	The Proteasome Inhibitor Bortezomib Sensitizes AML with Myelomonocytic Differentiation to TRAIL Mediated Apoptosis. <i>Cancers</i> , 2011 , 3, 1329-50	6.6	10
48	Determination of apoptosis and necrosis. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2001 , Chapter 2, Unit 2.2	1	10
47	Homology model of the human tRNA splicing ligase RtcB. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017 , 85, 1983-1993	4.2	9
46	Autophagy, Apoptosis, the Unfolded Protein Response, and Lung Function in Idiopathic Pulmonary Fibrosis. <i>Cells</i> , 2021 , 10,	7.9	9
45	An Emerging Role for the Unfolded Protein Response in Pancreatic Cancer. <i>Cancers</i> , 2021 , 13,	6.6	9
44	Hypoxia and ischemia induce nuclear condensation and caspase activation in cardiomyocytes. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1010, 728-32	6.5	8
43	CD95-mediated alteration in Hsp70 levels is dependent on protein stabilization. <i>Cell Stress and Chaperones</i> , 2005 , 10, 59-65	4	8
42	The IRE1 and PERK arms of the unfolded protein response promote survival of rhabdomyosarcoma cells. <i>Cancer Letters</i> , 2020 , 490, 76-88	9.9	8
41	BCL-2 modulates the unfolded protein response by enhancing splicing of X-box binding protein-1. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 466, 40-5	3.4	7
40	Generation of rationally-designed nerve growth factor (NGF) variants with receptor specificity. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 700-705	3.4	7
39	Biology of the Endoplasmic Reticulum 2012 , 3-22		6
38	Role of Bcr-Abl kinase in resistance to apoptosis. <i>Advances in Pharmacology</i> , 1997 , 41, 533-52	5.7	6
37	Peptidomimetic-based identification of FDA-approved compounds inhibiting IRE1 activity. <i>FEBS Journal</i> , 2021 , 288, 945-960	5.7	6
36	Binding Analysis of the Inositol-Requiring Enzyme 1 Kinase Domain. <i>ACS Omega</i> , 2018 , 3, 13313-13322	3.9	6

35	Atypical heat shock response and acquisition of thermotolerance in P388D1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 236-40	3-4	5
34	Induction of Autophagy: Role of Endoplasmic Reticulum Stress and Unfolded Protein Response 2015 , 91-101		5
33	OxLDL-induced gene expression patterns in CASMC are mimicked in apoE ^{-/-} mice aortas. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 356, 681-6	3-4	5
32	Molecular modeling provides a structural basis for PERK inhibitor selectivity towards RIPK1.. <i>RSC Advances</i> , 2019 , 10, 367-375	3-7	5
31	Targeting the angio-proteostasis network: Combining the forces against cancer. <i>Pharmacology & Therapeutics</i> , 2016 , 167, 1-12	13-9	4
30	Endoplasmic Reticulum Stress in Health and Disease 2012 ,		4
29	Cytokine-Induced β -Cell Stress and Death in Type 1 Diabetes Mellitus 2011 ,		4
28	40- to 100-kD protein(s) of <i>Helicobacter pylori</i> stimulate DNA synthesis in epithelial cell lines without affecting apoptosis. <i>Digestion</i> , 2000 , 61, 22-9	3-6	4
27	Gold(II) Complexes with a Quinazoline Carboxamide Alkynyl Ligand: Synthesis, Cytotoxicity, and Mechanistic Studies. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1921-1928	2-3	4
26	The Role of BiP and the IRE1/XBP1 Axis in Rhabdomyosarcoma Pathology. <i>Cancers</i> , 2021 , 13,	6-6	4
25	Effect of Kinase Inhibiting RNase Attenuator (KIRA) Compounds on the Formation of Face-to-Face Dimers of Inositol-Requiring Enzyme 1: Insights from Computational Modeling. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6-3	3
24	Mechanisms of Resistance to Cell Death Pathways in Cancer Cells 2014 , 393-402		3
23	ER stress in obesity pathogenesis and management. <i>Trends in Pharmacological Sciences</i> , 2021 ,	13-2	3
22	Experimental African trypanosome infection suppresses the development of multiple myeloma in mice by inducing intrinsic apoptosis of malignant plasma cells. <i>Oncotarget</i> , 2017 , 8, 52016-52025	3-3	3
21	Targeting of BCR-ABL1 and IRE1 α induces synthetic lethality in Philadelphia-positive acute lymphoblastic leukemia. <i>Carcinogenesis</i> , 2021 , 42, 272-284	4-6	3
20	Novel Pt(IV) Prodrugs Displaying Antimitochondrial Effects. <i>Molecular Pharmaceutics</i> , 2020 , 17, 3009-3023	3-6	2
19	ER stress responses in the absence of apoptosome: a comparative study in CASP9 proficient vs deficient mouse embryonic fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 451, 367-73	3-4	2
18	ER Stress Signaling Pathways in Cell Survival and Death 2012 , 41-73		2

17	A tribute to professor Richard A. Lockshin on his 70th birthday. <i>Journal of Cellular and Molecular Medicine</i> , 2007 , 11, 1210-1	5.6	2
16	Measurement of Cell Death in Culture 1999 , 155-164		2
15	Synergistic Dual Inhibition of BCR-ABL1 and the Unfolded Protein Response Causes p38 MAPK-Mediated Cell Death and Sensitizes BCR-ABL1+ Acute Lymphoblastic Leukemia to Dexamethasone. <i>Blood</i> , 2018 , 132, 4674-4674	2.2	2
14	The stressosome, a caspase-8-activating signalling complex assembled in response to cell stress in an ATG5-mediated manner. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 8809-8820	5.6	2
13	Deregulated expression of the HSP40 family members Auxilin-1 and -2 is indicative of proteostasis imbalance and predicts patient outcome in Ph(+) leukemia. <i>Experimental Hematology and Oncology</i> , 2015 , 5, 5	7.8	1
12	The BH3 Mimetic, ABT-737, Overcomes Stromal-Mediated Pro-Survival Signals and Synergizes with PHA-767491, a Dual Cdc7/CDK9 Inhibitor, In Acute Myeloid Leukaemia. <i>Blood</i> , 2010 , 116, 1841-1841	2.2	1
11	Local intracerebral Inhibition of IRE1 by MKC8866 sensitizes glioblastoma to irradiation/chemotherapy in vivo		1
10	G2/M Arrest Sensitizes Chronic Myelogenous Leukemia Cells to TRAIL-Induced Apoptosis. <i>Blood</i> , 2010 , 116, 4465-4465	2.2	1
9	Downregulation of miR-17-92 Cluster by PERK Fine-Tunes Unfolded Protein Response Mediated Apoptosis. <i>Life</i> , 2021 , 11,	3	1
8	The Role of Hsps in Neuronal Differentiation and Development 2009 , 25-37		1
7	Regulated IRE1-dependent decay (RIDD)-mediated reprogramming of lipid metabolism in cancer.. <i>Nature Communications</i> , 2022 , 13, 2493	17.4	1
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