Afshin Samali

List of Publications by Year in Descending Order

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	Regulated IRE1‐dependent decay (RIDD)-mediated reprograming of lipid metabolism in cancer.. *Nature Communications*, **2022**, 13, 2493	17.4	1
177	ER stress in obesity pathogenesis and management. *Trends in Pharmacological Sciences*, **2021**,	13.2	3
176	Peptidomimetic-based identification of FDA-approved compounds inhibiting IRE1 activity. *FEBS Journal*, **2021**, 288, 945-960	5.7	6
175	Gold(I) Complexes with a Quinazoline Carboxamide Alkynyl Ligand: Synthesis, Cytotoxicity, and Mechanistic Studies. *European Journal of Inorganic Chemistry*, **2021**, 2021, 1921-1928	2.3	4
174	Autophagy, Apoptosis, the Unfolded Protein Response, and Lung Function in Idiopathic Pulmonary Fibrosis. *Cells*, **2021**, 10,	7.9	9
173	Targeting of BCR-ABL1 and IRE1 induces synthetic lethality in Philadelphia-positive acute lymphoblastic leukemia. *Carcinogenesis*, **2021**, 42, 272-284	4.6	3
172	An Emerging Role for the Unfolded Protein Response in Pancreatic Cancer. *Cancers*, **2021**, 13,	6.6	9
171	Downregulation of miR-17-92 Cluster by PERK Fine-Tunes Unfolded Protein Response Mediated Apoptosis. *Life*, **2021**, 11,	3	1
170	Regulation of lipid metabolism by the unfolded protein response. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 1359-1370	5.6	18
169	Maintenance of Endoplasmic Reticulum Protein Homeostasis in Cancer: Friend or Foe. *Progress in Molecular and Subcellular Biology*, **2021**, 59, 197-214	3	0
168	The stressosome, a caspase-8-activating signalling complex assembled in response to cell stress in an ATG5-mediated manner. *Journal of Cellular and Molecular Medicine*, **2021**, 25, 8809-8820	5.6	2
167	The Role of BiP and the IRE1‐XBP1 Axis in Rhabdomyosarcoma Pathology. *Cancers*, **2021**, 13,	6.6	4
166	Tumour Cell Secretome in Chemoresistance and Tumour Recurrence. *Trends in Cancer*, **2020**, 6, 489-505	12.5	49
165	Novel Pt(IV) Prodrugs Displaying Antimitochondrial Effects. *Molecular Pharmaceutics*, **2020**, 17, 3009-3023	5.6	2
164	Local intracerebral inhibition of IRE1 by MKC8866 sensitizes glioblastoma to irradiation/chemotherapy in vivo. *Cancer Letters*, **2020**, 494, 73-83	9.9	12
163	The IRE1 and PERK arms of the unfolded protein response promote survival of rhabdomyosarcoma cells. *Cancer Letters*, **2020**, 490, 76-88	9.9	8
162	Simvastatin Induces Unfolded Protein Response and Enhances Temozolomide-Induced Cell Death in Glioblastoma Cells. *Cells*, **2020**, 9,	7.9	21

161	Control of anterior GRadient 2 (AGR2) dimerization links endoplasmic reticulum proteostasis to inflammation. *EMBO Molecular Medicine*, **2019**, 11,	12	29
160	Merits and pitfalls of conventional and covalent docking in identifying new hydroxyl aryl aldehyde like compounds as human IRE1 inhibitors. *Scientific Reports*, **2019**, 9, 3407	4.9	15
159	The unfolded protein response modulators GSK2606414 and KIRA6 are potent KIT inhibitors. *Cell Death and Disease*, **2019**, 10, 300	9.8	36
158	Endoplasmic reticulum stress signalling - from basic mechanisms to clinical applications. *FEBS Journal*, **2019**, 286, 241-278	5.7	309
157	Inhibition of IRE1 RNase activity reduces NLRP3 inflammasome assembly and processing of pro-IL1 *Cell Death and Disease*, **2019**, 10, 622	9.8	25
156	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. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	3
155	Molecular modeling provides a structural basis for PERK inhibitor selectivity towards RIPK1.. *RSC Advances*, **2019**, 10, 367-375	3.7	5
154	Application of a New Multiplexed Array for Rapid, Sensitive, Simultaneous and Quantitative Assessment of Spliced and Unspliced XBP1. *Biological Procedures Online*, **2019**, 21, 22	8.3	0
153	Crosstalk between inflammatory mediators and endoplasmic reticulum stress in liver diseases. *Cytokine*, **2019**, 124, 154577	4	29
152	The role of the unfolded protein response in cancer progression: From oncogenesis to chemoresistance. *Biology of the Cell*, **2019**, 111, 1-17	3.5	109
151	RIP2 enhances cell survival by activation of NF-B in triple negative breast cancer cells. *Biochemical and Biophysical Research Communications*, **2018**, 497, 115-121	3.4	16
150	Dual IRE1 RNase functions dictate glioblastoma development. *EMBO Molecular Medicine*, **2018**, 10,	12	86
149	Autophagy and the unfolded protein response promote profibrotic effects of TGF- in human lung fibroblasts. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2018**, 314, L493-L504	5.8	66
148	Inhibition of IRE1 RNase activity modulates the tumor cell secretome and enhances response to chemotherapy. *Nature Communications*, **2018**, 9, 3267	17.4	118
147	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. *Blood*, **2018**, 132, 4674-4674	2.2	2
146	Generation of rationally-designed nerve growth factor (NGF) variants with receptor specificity. *Biochemical and Biophysical Research Communications*, **2018**, 495, 700-705	3.4	7
145	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. *Pharmacology & Therapeutics*, **2018**, 184, 13-41	13.9	161
144	Binding Analysis of the Inositol-Requiring Enzyme 1 Kinase Domain. *ACS Omega*, **2018**, 3, 13313-13322	3.9	6

143	The Unfolded Protein Response in Breast Cancer. *Cancers*, **2018**, 10,	6.6	35
142	Repression of Mcl-1 expression by the CDC7/CDK9 inhibitor PHA-767491 overcomes bone marrow stroma-mediated drug resistance in AML. *Scientific Reports*, **2018**, 8, 15752	4.9	19
141	The ER Stress Sensor PERK Coordinates ER-Plasma Membrane Contact Site Formation through Interaction with Filamin-A and F-Actin Remodeling. *Molecular Cell*, **2017**, 65, 885-899.e6	17.6	114
140	Homology model of the human tRNA splicing ligase RtcB. *Proteins: Structure, Function and Bioinformatics*, **2017**, 85, 1983-1993	4.2	9
139	Regulation of the unfolded protein response by noncoding RNA. *American Journal of Physiology - Cell Physiology*, **2017**, 313, C243-C254	5.4	32
138	HSPB1 facilitates ERK-mediated phosphorylation and degradation of BIM to attenuate endoplasmic reticulum stress-induced apoptosis. *Cell Death and Disease*, **2017**, 8, e3026	9.8	25
137	Experimental African trypanosome infection suppresses the development of multiple myeloma in mice by inducing intrinsic apoptosis of malignant plasma cells. *Oncotarget*, **2017**, 8, 52016-52025	3.3	3
136	Decoy receptors block TRAIL sensitivity at a supracellular level: the role of stromal cells in controlling tumour TRAIL sensitivity. *Oncogene*, **2016**, 35, 1261-70	9.2	45
135	Targeting the angio-proteostasis network: Combining the forces against cancer. *Pharmacology & Therapeutics*, **2016**, 167, 1-12	13.9	4
134	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. *International Journal of Oncology*, **2016**, 49, 74-88	4.4	21
133	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
132	Endoplasmic reticulum stress-mediated induction of SESTRIN 2 potentiates cell survival. *Oncotarget* , **2016**, 7, 12254-66	3.3	56
131	The integrated stress response. *EMBO Reports*, **2016**, 17, 1374-1395	6.5	922
130	Endoplasmic reticulum stress induces ligand-independent TNFR1-mediated necroptosis in L929 cells. *Cell Death and Disease*, **2015**, 6, e1587	9.8	87
129	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. *Organic Letters*, **2015**, 17, 1672-5	6.2	16
128	Endoplasmic reticulum stress-activated cell reprogramming in oncogenesis. *Cancer Discovery*, **2015**, 5, 586-97	24.4	227
127	Methods for studying ER stress and UPR markers in human cells. *Methods in Molecular Biology*, **2015** , 1292, 3-18	1.4	29
126	Novel roles of the unfolded protein response in the control of tumor development and aggressiveness. *Seminars in Cancer Biology*, **2015**, 33, 67-73	12.7	48

125	Controlling the unfolded protein response-mediated life and death decisions in cancer. *Seminars in Cancer Biology*, **2015**, 33, 57-66	12.7	69
124	BCL-2 modulates the unfolded protein response by enhancing splicing of X-box binding protein-1. *Biochemical and Biophysical Research Communications*, **2015**, 466, 40-5	3.4	7
123	Drugging the unfolded protein response in acute leukemias. *Journal of Hematology and Oncology*, **2015**, 8, 87	22.4	16
122	A close connection between the PERK and IRE arms of the UPR and the transcriptional regulation of autophagy. *Biochemical and Biophysical Research Communications*, **2015**, 456, 305-11	3.4	40
121	Deregulated expression of the HSP40 family members Auxilin-1 and -2 is indicative of proteostasis imbalance and predicts patient outcome in Ph(+) leukemia. *Experimental Hematology and Oncology*, **2015**, 5, 5	7.8	1
120	Induction of Autophagy: Role of Endoplasmic Reticulum Stress and Unfolded Protein Response **2015**, 91-101		5
119	Hepatitis B and C virus-induced hepatitis: Apoptosis, autophagy, and unfolded protein response. *World Journal of Gastroenterology*, **2015**, 21, 13225-39	5.6	49
118	PERK regulated miR-424(322)-503 cluster fine-tunes activation of IRE1 and ATF6 during Unfolded Protein Response. *Scientific Reports*, **2015**, 5, 18304	4.9	25
117	Addicted to secrete - novel concepts and targets in cancer therapy. *Trends in Molecular Medicine*, **2014**, 20, 242-50	11.5	58
116	Endoplasmic reticulum stress: at the crossroads of inflammation and metabolism in hepatocellular carcinoma development. *Cancer Cell*, **2014**, 26, 301-303	24.3	28
115	ER stress responses in the absence of apoptosome: a comparative study in CASP9 proficient vs deficient mouse embryonic fibroblasts. *Biochemical and Biophysical Research Communications*, **2014**, 451, 367-73	3.4	2
114	Regulation of apoptosis by heat shock proteins. *IUBMB Life*, **2014**, 66, 327-38	4.7	78
113	miRNA signature of unfolded protein response in H9c2 rat cardiomyoblasts. *Cell and Bioscience*, **2014**, 4, 56	9.8	21
112	Nerve growth factor-mediated inhibition of apoptosis post-caspase activation is due to removal of active caspase-3 in a lysosome-dependent manner. *Cell Death and Disease*, **2014**, 5, e1202	9.8	34
111	Mechanisms of Resistance to Cell Death Pathways in Cancer Cells **2014**, 393-402		3
110	RIPK1 promotes death receptor-independent caspase-8-mediated apoptosis under unresolved ER stress conditions. *Cell Death and Disease*, **2014**, 5, e1555	9.8	31
109	Deficiency in the mitochondrial apoptotic pathway reveals the toxic potential of autophagy under ER stress conditions. *Autophagy*, **2014**, 10, 1921-36	10.2	40
108	Stressed to death - mechanisms of ER stress-induced cell death. *Biological Chemistry*, **2014**, 395, 1-13	4.5	139

107	Heat shock preconditioning protects against ER stress-induced apoptosis through the regulation of the BH3-only protein BIM. *FEBS Open Bio*, **2014**, 4, 813-21	2.7	15
106	Structural determinants of DISC function: new insights into death receptor-mediated apoptosis signalling. *Pharmacology & Therapeutics*, **2013**, 140, 186-99	13.9	79
105	Resistance to TRAIL in non-transformed cells is due to multiple redundant pathways. *Cell Death and Disease*, **2013**, 4, e702	9.8	52
104	Pro-apoptotic signaling induced by photo-oxidative ER stress is amplified by Noxa, not Bim. *Biochemical and Biophysical Research Communications*, **2013**, 438, 500-6	3.4	29
103	Endoplasmic reticulum stress and the unfolded protein response: targeting the Achilles heel of multiple myeloma. *Molecular Cancer Therapeutics*, **2013**, 12, 831-43	6.1	106
102	Atypical heat shock response and acquisition of thermotolerance in P388D1 cells. *Biochemical and Biophysical Research Communications*, **2013**, 430, 236-40	3.4	5
101	New directions in ER stress-induced cell death. *Apoptosis: an International Journal on Programmed Cell Death*, **2013**, 18, 537-46	5.4	203
100	The eIF2□kinases: their structures and functions. *Cellular and Molecular Life Sciences*, **2013**, 70, 3493-511	10.3	487
99	Stress-induced self-cannibalism: on the regulation of autophagy by endoplasmic reticulum stress. *Cellular and Molecular Life Sciences*, **2013**, 70, 2425-41	10.3	195
98	Disruption of microRNA biogenesis confers resistance to ER stress-induced cell death upstream of the mitochondrion. *PLoS ONE*, **2013**, 8, e73870	3.7	27
97	Stress management at the ER: regulators of ER stress-induced apoptosis. *Pharmacology & Therapeutics*, **2012**, 134, 306-16	13.9	279
96	The unfolded protein response at the crossroads of cellular life and death during endoplasmic reticulum stress. *Biology of the Cell*, **2012**, 104, 259-70	3.5	148
95	Biology of the Endoplasmic Reticulum **2012**, 3-22		6
94	ER Stress Signaling Pathways in Cell Survival and Death **2012**, 41-73		2
93	NOXA contributes to the sensitivity of PERK-deficient cells to ER stress. *FEBS Letters*, **2012**, 586, 4023-30	3.8	19
92	PERK is required at the ER-mitochondrial contact sites to convey apoptosis after ROS-based ER stress. *Cell Death and Differentiation*, **2012**, 19, 1880-91	12.7	468
91	Impairment of endoplasmic reticulum in liver as an early consequence of the systemic inflammatory response in rats. *American Journal of Physiology - Renal Physiology*, **2012**, 303, G1373-83	5.1	13
90	Endoplasmic Reticulum Stress in Health and Disease **2012**,		4

89	Bisphenol A-mediated suppression of LPL gene expression inhibits triglyceride accumulation during adipogenic differentiation of human adult stem cells. *PLoS ONE*, **2012**, 7, e36109	3.7	24
88	Kinetics in signal transduction pathways involving promiscuous oligomerizing receptors can be determined by receptor specificity: apoptosis induction by TRAIL. *Molecular and Cellular Proteomics*, **2012**, 11, M111.013730	7.6	23
87	Perk-dependent repression of miR-106b-25 cluster is required for ER stress-induced apoptosis. *Cell Death and Disease*, **2012**, 3, e333	9.8	77
86	Assays for detecting the unfolded protein response. *Methods in Enzymology*, **2011**, 490, 31-51	1.7	34
85	An unfractionated fucoidan from Ascophyllum nodosum: extraction, characterization, and apoptotic effects in vitro. *Journal of Natural Products*, **2011**, 74, 1851-61	4.9	101
84	Cytokine-Induced β-Cell Stress and Death in Type 1 Diabetes Mellitus **2011**,		4
83	Targeting AML through DR4 with a novel variant of rhTRAIL. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 2216-31	5.6	17
82	Unfolded proteins and endoplasmic reticulum stress in neurodegenerative disorders. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 2025-39	5.6	232
81	Mechanisms of action of a dual Cdc7/Cdk9 kinase inhibitor against quiescent and proliferating CLL cells. *Molecular Cancer Therapeutics*, **2011**, 10, 1624-34	6.1	36
80	The Proteasome Inhibitor Bortezomib Sensitizes AML with Myelomonocytic Differentiation to TRAIL Mediated Apoptosis. *Cancers*, **2011**, 3, 1329-50	6.6	10
79	Synthetic constrained peptide selectively binds and antagonizes death receptor 5. *FEBS Journal*, **2010**, 277, 1653-65	5.7	15
78	Early growth response-1 is a regulator of DR5-induced apoptosis in colon cancer cells. *British Journal of Cancer*, **2010**, 102, 754-64	8.7	30
77	Cell stress and cell death. *International Journal of Cell Biology*, **2010**, 2010, 245803	2.6	28
76	Mechanisms of ER Stress-Mediated Mitochondrial Membrane Permeabilization. *International Journal of Cell Biology*, **2010**, 2010, 170215	2.6	59
75	HSP72 protects cells from ER stress-induced apoptosis via enhancement of IRE1alpha-XBP1 signaling through a physical interaction. *PLoS Biology*, **2010**, 8, e1000410	9.7	179
74	Methods for monitoring endoplasmic reticulum stress and the unfolded protein response. *International Journal of Cell Biology*, **2010**, 2010, 830307	2.6	187
73	Cellular stress responses: cell survival and cell death. *International Journal of Cell Biology*, **2010**, 2010, 214074	2.6	718
72	Rapid and efficient cancer cell killing mediated by high-affinity death receptor homotrimerizing TRAIL variants. *Cell Death and Disease*, **2010**, 1, e83	9.8	55

71	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. *Blood*, **2010**, 116, 1841-1841	2.2	1
70	G2/M Arrest Sensitizes Chronic Myelogenous Leukemia Cells to TRAIL-Induced Apoptosis. *Blood*, **2010**, 116, 4465-4465	2.2	1
69	Enhanced antitumor efficacy of a DR5-specific TRAIL variant over recombinant human TRAIL in a bioluminescent ovarian cancer xenograft model. *Clinical Cancer Research*, **2009**, 15, 2048-57	12.9	43
68	Differential activation of JNK1 isoforms by TRAIL receptors modulate apoptosis of colon cancer cell lines. *British Journal of Cancer*, **2009**, 100, 1415-24	8.7	30
67	Bcl-2 family on guard at the ER. *American Journal of Physiology - Cell Physiology*, **2009**, 296, C941-53	5.4	207
66	Stem cells are resistant to TRAIL receptor-mediated apoptosis. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 4409-14	5.6	38
65	Targeting the endoplasmic reticulum-stress response as an anticancer strategy. *European Journal of Pharmacology*, **2009**, 625, 234-46	5.3	235
64	Is there a role for nuclear factor kappaB in tumor necrosis factor-related apoptosis-inducing ligand resistance?. *Annals of the New York Academy of Sciences*, **2009**, 1171, 38-49	6.5	19
63	TRAIL receptor signalling and modulation: Are we on the right TRAIL?. *Cancer Treatment Reviews*, **2009**, 35, 280-8	14.4	227
62	Enhancement of antitumor properties of rhTRAIL by affinity increase toward its death receptors. *Biochemistry*, **2009**, 48, 2180-91	3.2	27
61	Heat Shock Proteins and the Regulation of Apoptosis **2009**, 53-66		
60	PHA767491, a Dual Cdc7/CDK9 Inhibitor, with Potential to Target Both Proliferation and Survival in CLL.. *Blood*, **2009**, 114, 2366-2366	2.2	
59	The Role of Hsps in Neuronal Differentiation and Development **2009**, 25-37		1
58	Cytokine-induced beta-cell apoptosis is NO-dependent, mitochondria-mediated and inhibited by BCL-XL. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 591-606	5.6	50
57	Nerve growth factor blocks thapsigargin-induced apoptosis at the level of the mitochondrion via regulation of Bim. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 2482-96	5.6	33
56	DR4-selective tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) variants obtained by structure-based design. *Journal of Biological Chemistry*, **2008**, 283, 20560-8	5.4	46
55	Increased expression of endoplasmic reticulum stress-related signaling pathway molecules in multiple sclerosis lesions. *Journal of Neuropathology and Experimental Neurology*, **2008**, 67, 200-11	3.1	77
54	Metabolic flexibility permits mesenchymal stem cell survival in an ischemic environment. *Stem Cells*, **2008**, 26, 1325-36	5.8	149

53	Selective oxidative stress in cell nuclei by nuclear-targeted D-amino acid oxidase. *Antioxidants and Redox Signaling*, **2007**, 9, 807-16	8.4	54
52	Distinct mechanisms of cardiomyocyte apoptosis induced by doxorubicin and hypoxia converge on mitochondria and are inhibited by Bcl-xL. *Journal of Cellular and Molecular Medicine*, **2007**, 11, 509-20	5.6	74
51	A tribute to professor Richard A. Lockshin on his 70th birthday. *Journal of Cellular and Molecular Medicine*, **2007**, 11, 1210-1	5.6	2
50	Identification of an inhibitor of caspase activation from heart extracts; ATP blocks apoptosome formation. *Apoptosis: an International Journal on Programmed Cell Death*, **2007**, 12, 465-74	5.4	13
49	OxLDL-induced gene expression patterns in CASMC are mimicked in apoE-/- mice aortas. *Biochemical and Biophysical Research Communications*, **2007**, 356, 681-6	3.4	5
48	Cytoprotection of beta cells: rational gene transfer strategies. *Diabetes/Metabolism Research and Reviews*, **2006**, 22, 241-52	7.5	12
47	Distinct effects of high-glucose conditions on endothelial cells of macrovascular and microvascular origins. *Endothelium: Journal of Endothelial Cell Research*, **2006**, 13, 9-16		28
46	Designed tumor necrosis factor-related apoptosis-inducing ligand variants initiating apoptosis exclusively via the DR5 receptor. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 8634-9	11.5	138
45	TRAIL sensitisation by arsenic trioxide is caspase-8 dependent and involves modulation of death receptor components and Akt. *British Journal of Cancer*, **2006**, 94, 398-406	8.7	27
44	beta cell cytoprotective strategies: establishing the relative roles for iNOS and ROS. *Biochemical and Biophysical Research Communications*, **2006**, 342, 1240-8	3.4	24
43	ER stress contributes to ischemia-induced cardiomyocyte apoptosis. *Biochemical and Biophysical Research Communications*, **2006**, 349, 1406-11	3.4	161
42	Functionality of NGF-protected PC12 cells following exposure to 6-hydroxydopamine. *Biochemical and Biophysical Research Communications*, **2006**, 351, 890-5	3.4	22
41	Mediators of endoplasmic reticulum stress-induced apoptosis. *EMBO Reports*, **2006**, 7, 880-5	6.5	1731
40	Dexamethasone inhibits apoptosis in C6 glioma cells through increased expression of Bcl-XL. *Apoptosis: an International Journal on Programmed Cell Death*, **2006**, 11, 1247-55	5.4	28
39	Hsp27 inhibits 6-hydroxydopamine-induced cytochrome c release and apoptosis in PC12 cells. *Biochemical and Biophysical Research Communications*, **2005**, 327, 801-10	3.4	84
38	Ischemia/reperfusion injury at the intersection with cell death. *Journal of Molecular and Cellular Cardiology*, **2005**, 38, 21-33	5.8	89
37	Compartmental oxidation of thiol-disulphide redox couples during epidermal growth factor signalling. *Biochemical Journal*, **2005**, 386, 215-9	3.8	141
36	Don't lose heart--therapeutic value of apoptosis prevention in the treatment of cardiovascular disease. *Journal of Cellular and Molecular Medicine*, **2005**, 9, 609-22	5.6	86

35	CD95-mediated alteration in Hsp70 levels is dependent on protein stabilization. *Cell Stress and Chaperones*, **2005**, 10, 59-65	4	8
34	The switch from survival responses to apoptosis after chromosomal breaks. *DNA Repair*, **2004**, 3, 989-95	4.3	30
33	Caspase-12 and ER-stress-mediated apoptosis: the story so far. *Annals of the New York Academy of Sciences*, **2003**, 1010, 186-94	6.5	355
32	Hypoxia and ischemia induce nuclear condensation and caspase activation in cardiomyocytes. *Annals of the New York Academy of Sciences*, **2003**, 1010, 728-32	6.5	8
31	On the role of Hsp27 in regulating apoptosis. *Apoptosis: an International Journal on Programmed Cell Death*, **2003**, 8, 61-70	5.4	404
30	Heat shock protects PC12 cells against MPP+ toxicity. *Brain Research*, **2003**, 993, 133-9	3.7	54
29	In the cut and thrust of apoptosis, serine proteases come of age. *Biochemical Pharmacology*, **2003**, 66, 1469-74	6	25
28	Cellular longevity: role of apoptosis and replicative senescence. *Biogerontology*, **2002**, 3, 195-206	4.5	35
27	Heat shock proteins protect PC12 cells from MPP+ toxicity. *Biochemical Society Transactions*, **2002**, 30, A86-A86	5.1	
26	Losing heart: the role of apoptosis in heart disease--a novel therapeutic target?. *FASEB Journal*, **2002**, 16, 135-46	0.9	250
25	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. *European Journal of Gastroenterology and Hepatology*, **2001**, 13, 551-9	2.2	21
24	Hsp27 inhibits cytochrome c-mediated caspase activation by sequestering both pro-caspase-3 and cytochrome c. *Gene Expression*, **2001**, 9, 195-201	3.4	160
23	Current concepts in cell toxicity. *Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]*, **2001**, Chapter 2, Unit 2.1	1	
22	Determination of apoptosis and necrosis. *Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]*, **2001**, Chapter 2, Unit 2.2	1	10
21	Hsp27 protects mitochondria of thermotolerant cells against apoptotic stimuli. *Cell Stress and Chaperones*, **2001**, 6, 49-58	4	134
20	Triggering and modulation of apoptosis by oxidative stress. *Free Radical Biology and Medicine*, **2000**, 29, 323-33	7.8	1006
19	40- to 100-kD protein(s) of Helicobacter pylori stimulate DNA synthesis in epithelial cell lines without affecting apoptosis. *Digestion*, **2000**, 61, 22-9	3.6	4
18	Apoptosis: cell death defined by caspase activation. *Cell Death and Differentiation*, **1999**, 6, 495-6	12.7	172

17	Caspases: their intracellular localization and translocation during apoptosis. *Cell Death and Differentiation*, **1999**, 6, 644-51	12.7	284
16	Antioxidant-mediated inhibition of the heat shock response leads to apoptosis. *FEBS Letters*, **1999**, 445, 98-102	3.8	110
15	Thermotolerance and cell death are distinct cellular responses to stress: dependence on heat shock proteins. *FEBS Letters*, **1999**, 461, 306-10	3.8	97
14	Presence of a pre-apoptotic complex of pro-caspase-3, Hsp60 and Hsp10 in the mitochondrial fraction of jurkat cells. *EMBO Journal*, **1999**, 18, 2040-8	13	395
13	A comparative study of apoptosis and necrosis in HepG2 cells: oxidant-induced caspase inactivation leads to necrosis. *Biochemical and Biophysical Research Communications*, **1999**, 255, 6-11	3.4	174
12	Phosphatidylserine exposure during apoptosis is a cell-type-specific event and does not correlate with plasma membrane phospholipid scramblase expression. *Biochemical and Biophysical Research Communications*, **1999**, 266, 504-11	3.4	122
11	Measurement of Cell Death in Culture **1999**, 155-164		2
10	Cleavage of the calpain inhibitor, calpastatin, during apoptosis. *Cell Death and Differentiation*, **1998**, 5, 1028-33	12.7	177
9	Detection of pro-caspase-3 in cytosol and mitochondria of various tissues. *FEBS Letters*, **1998**, 431, 167-9	3.8	70
8	Heat shock proteins: regulators of stress response and apoptosis. *Cell Stress and Chaperones*, **1998**, 3, 228-36	4	219
7	Role of Bcr-Abl kinase in resistance to apoptosis. *Advances in Pharmacology*, **1997**, 41, 533-52	5.7	6
6	The ability to cleave 28S ribosomal RNA during apoptosis is a cell-type dependent trait unrelated to DNA fragmentation. *Cell Death and Differentiation*, **1997**, 4, 289-93	12.7	24
5	Use of flow cytometry techniques in studying mechanisms of apoptosis in leukemic cells. *Cytometry* , **1997**, 29, 97-105		41
4	Heat shock proteins increase resistance to apoptosis. *Experimental Cell Research*, **1996**, 223, 163-70	4.2	460
3	Anti-oxidants and apoptosis. *Biochemical Society Transactions*, **1996**, 24, 229-33	5.1	59
2	Apoptosis -- the story so far. *Experientia*, **1996**, 52, 933-41		64
1	Local intracerebral Inhibition of IRE1 by MKC8866 sensitizes glioblastoma to irradiation/chemotherapy in vivo		1