

Afshin Samali

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

25,646
citations

17429

63
h-index

7152

153
g-index

195
all docs

195
docs citations

195
times ranked

39003
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Mediators of endoplasmic reticulum stress-induced apoptosis. <i>EMBO Reports</i> , 2006, 7, 880-885.	2.0	2,033
3	The integrated stress response. <i>EMBO Reports</i> , 2016, 17, 1374-1395.	2.0	1,676
4	Triggering and modulation of apoptosis by oxidative stress. <i>Free Radical Biology and Medicine</i> , 2000, 29, 323-333.	1.3	1,165
5	Cellular Stress Responses: Cell Survival and Cell Death. <i>International Journal of Cell Biology</i> , 2010, 2010, 1-23.	1.0	984
6	The eIF2 γ kinases: their structures and functions. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3493-3511.	2.4	660
7	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, 1880-1891.	5.0	620
8	Endoplasmic reticulum stress signalling – from basic mechanisms to clinical applications. <i>FEBS Journal</i> , 2019, 286, 241-278.	2.2	568
9	Heat Shock Proteins Increase Resistance to Apoptosis. <i>Experimental Cell Research</i> , 1996, 223, 163-170.	1.2	493
10	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, 2040-2048.	3.5	464
11	On the role of Hsp27 in regulating apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2003, 8, 61-70.	2.2	455
12	Caspase-12 and ER-Stress-Mediated Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 186-194.	1.8	427
13	Stress management at the ER: Regulators of ER stress-induced apoptosis. , 2012, 134, 306-316.		330
14	Caspases: their intracellular localization and translocation during apoptosis. <i>Cell Death and Differentiation</i> , 1999, 6, 644-651.	5.0	321
15	Endoplasmic Reticulum Stress-Activated Cell Reprogramming in Oncogenesis. <i>Cancer Discovery</i> , 2015, 5, 586-597.	7.7	292
16	Unfolded proteins and endoplasmic reticulum stress in neurodegenerative disorders. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2025-2039.	1.6	277
17	Heat shock proteins: regulators of stress response and apoptosis. <i>Cell Stress and Chaperones</i> , 1998, 3, 228.	1.2	269
18	Losing heart: the role of apoptosis in heart disease – a novel therapeutic target?. <i>FASEB Journal</i> , 2002, 16, 135-146.	0.2	265

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19	Targeting the endoplasmic reticulum-stress response as an anticancer strategy. <i>European Journal of Pharmacology</i> , 2009, 625, 234-246.	1.7	263
20	TRAIL receptor signalling and modulation: Are we on the right TRAIL?. <i>Cancer Treatment Reviews</i> , 2009, 35, 280-288.	3.4	248
21	Stress-induced self-cannibalism: on the regulation of autophagy by endoplasmic reticulum stress. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2425-2441.	2.4	243
22	New directions in ER stress-induced cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 537-546.	2.2	236
23	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. , 2018, 184, 13-41.		230
24	The role of the unfolded protein response in cancer progression: From oncogenesis to chemoresistance. <i>Biology of the Cell</i> , 2019, 111, 1-17.	0.7	225
25	Bcl-2 family on guard at the ER. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C941-C953.	2.1	222
26	Methods for Monitoring Endoplasmic Reticulum Stress and the Unfolded Protein Response. <i>International Journal of Cell Biology</i> , 2010, 2010, 1-11.	1.0	218
27	HSP72 Protects Cells from ER Stress-induced Apoptosis via Enhancement of IRE1 \pm -XBP1 Signaling through a Physical Interaction. <i>PLoS Biology</i> , 2010, 8, e1000410.	2.6	213
28	Apoptosis: Cell death defined by caspase activation. <i>Cell Death and Differentiation</i> , 1999, 6, 495-496.	5.0	195
29	Cleavage of the calpain inhibitor, calpastatin, during apoptosis. <i>Cell Death and Differentiation</i> , 1998, 5, 1028-1033.	5.0	192
30	Inhibition of IRE1 RNase activity modulates the tumor cell secretome and enhances response to chemotherapy. <i>Nature Communications</i> , 2018, 9, 3267.	5.8	192
31	Hsp27 Inhibits Cytochrome <i>c</i> -Mediated Caspase Activation by Sequestering Both Pro-caspase-3 and Cytochrome <i>c</i> . <i>Gene Expression</i> , 2001, 9, 195-201.	0.5	190
32	ER stress contributes to ischemia-induced cardiomyocyte apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 1406-1411.	1.0	185
33	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.	1.0	183
34	Stressed to death – mechanisms of ER stress-induced cell death. <i>Biological Chemistry</i> , 2014, 395, 1-13.	1.2	179
35	The unfolded protein response at the crossroads of cellular life and death during endoplasmic reticulum stress. <i>Biology of the Cell</i> , 2012, 104, 259-270.	0.7	176
36	Metabolic Flexibility Permits Mesenchymal Stem Cell Survival in an Ischemic Environment. <i>Stem Cells</i> , 2008, 26, 1325-1336.	1.4	165

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37	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.	4.5	165
38	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, 8634-8639.	3.3	151
39	Hsp27 protects mitochondria of thermotolerant cells against apoptotic stimuli. <i>Cell Stress and Chaperones</i> , 2001, 6, 49.	1.2	151
40	Compartmental oxidation of thiol-disulphide redox couples during epidermal growth factor signalling. <i>Biochemical Journal</i> , 2005, 386, 215-219.	1.7	149
41	Endoplasmic Reticulum Stress and the Unfolded Protein Response: Targeting the Achilles Heel of Multiple Myeloma. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 831-843.	1.9	144
42	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, 504-511.	1.0	131
43	Dual IRE1 and RNase functions dictate glioblastoma development. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	130
44	Antioxidant-mediated inhibition of the heat shock response leads to apoptosis. <i>FEBS Letters</i> , 1999, 445, 98-102.	1.3	123
45	An Unfractionated Fucoidan from <i>Ascophyllum nodosum</i> : Extraction, Characterization, and Apoptotic Effects in Vitro. <i>Journal of Natural Products</i> , 2011, 74, 1851-1861.	1.5	121
46	Thermotolerance and cell death are distinct cellular responses to stress: dependence on heat shock proteins. <i>FEBS Letters</i> , 1999, 461, 306-310.	1.3	115
47	Endoplasmic reticulum stress induces ligand-independent TNFR1-mediated necroptosis in L929 cells. <i>Cell Death and Disease</i> , 2015, 6, e1587-e1587.	2.7	112
48	Regulation of apoptosis by heat shock proteins. <i>IUBMB Life</i> , 2014, 66, 327-338.	1.5	107
49	Tumour Cell Secretome in Chemoresistance and Tumour Recurrence. <i>Trends in Cancer</i> , 2020, 6, 489-505.	3.8	101
50	Autophagy and the unfolded protein response promote profibrotic effects of TGF- β 1 in human lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L493-L504.	1.3	100
51	Ischemia/reperfusion injury at the intersection with cell death. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 38, 21-33.	0.9	99
52	Increased Expression of Endoplasmic Reticulum Stress-Related Signaling Pathway Molecules in Multiple Sclerosis Lesions. <i>Journal of Neuro pathology and Experimental Neurology</i> , 2008, 67, 200-211.	0.9	99
53	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, 609-622.	1.6	97
54	Perk-dependent repression of miR-106b-25 cluster is required for ER stress-induced apoptosis. <i>Cell Death and Disease</i> , 2012, 3, e333-e333.	2.7	94

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55	Structural determinants of DISC function: New insights into death receptor-mediated apoptosis signalling. , 2013, 140, 186-199.		93
56	Hsp27 inhibits 6-hydroxydopamine-induced cytochrome c release and apoptosis in PC12 cells. Biochemical and Biophysical Research Communications, 2005, 327, 801-810.	1.0	89
57	Detection of pro-caspase-3 in cytosol and mitochondria of various tissues. FEBS Letters, 1998, 431, 167-169.	1.3	84
58	Regulation of lipid metabolism by the unfolded protein response. Journal of Cellular and Molecular Medicine, 2021, 25, 1359-1370.	1.6	83
59	Controlling the unfolded protein response-mediated life and death decisions in cancer. Seminars in Cancer Biology, 2015, 33, 57-66.	4.3	82
60	Distinct mechanisms of cardiomyocyte apoptosis induced by doxorubicin and hypoxia converge on mitochondria and are inhibited by Bcl-2. Journal of Cellular and Molecular Medicine, 2007, 11, 509-520.	1.6	78
61	Apoptosis-the story so far.... Experientia, 1996, 52, 933-941.	1.2	72
62	Addicted to secrete " novel concepts and targets in cancer therapy. Trends in Molecular Medicine, 2014, 20, 242-250.	3.5	72
63	Endoplasmic reticulum stress-mediated induction of SESTRIN 2 potentiates cell survival. Oncotarget, 2016, 7, 12254-12266.	0.8	70
64	Mechanisms of ER Stress-Mediated Mitochondrial Membrane Permeabilization. International Journal of Cell Biology, 2010, 2010, 1-9.	1.0	67
65	Resistance to TRAIL in non-transformed cells is due to multiple redundant pathways. Cell Death and Disease, 2013, 4, e702-e702.	2.7	66
66	Anti-oxidants and apoptosis. Biochemical Society Transactions, 1996, 24, 229-233.	1.6	64
67	Rapid and efficient cancer cell killing mediated by high-affinity death receptor homotrimerizing TRAIL variants. Cell Death and Disease, 2010, 1, e83-e83.	2.7	63
68	Hepatitis B and C virus-induced hepatitis: Apoptosis, autophagy, and unfolded protein response. World Journal of Gastroenterology, 2015, 21, 13225.	1.4	63
69	Selective Oxidative Stress in Cell Nuclei by Nuclear-Targeted D-Amino Acid Oxidase. Antioxidants and Redox Signaling, 2007, 9, 807-816.	2.5	62
70	The Unfolded Protein Response in Breast Cancer. Cancers, 2018, 10, 344.	1.7	62
71	Heat shock protects PC12 cells against MPP+ toxicity. Brain Research, 2003, 993, 133-139.	1.1	58
72	Cytokine-induced cell apoptosis is NO-dependent, mitochondria-mediated and inhibited by BCL-2. Journal of Cellular and Molecular Medicine, 2008, 12, 591-606.	1.6	56

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73	DR4-selective Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) Variants Obtained by Structure-based Design. <i>Journal of Biological Chemistry</i> , 2008, 283, 20560-20568.	1.6	56
74	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.	4.3	56
75	Decoy receptors block TRAIL sensitivity at a supracellular level: the role of stromal cells in controlling tumour TRAIL sensitivity. <i>Oncogene</i> , 2016, 35, 1261-1270.	2.6	54
76	Crosstalk between inflammatory mediators and endoplasmic reticulum stress in liver diseases. <i>Cytokine</i> , 2019, 124, 154577.	1.4	54
77	The unfolded protein response modulators GSK2606414 and KIRA6 are potent KIT inhibitors. <i>Cell Death and Disease</i> , 2019, 10, 300.	2.7	51
78	Use of flow cytometry techniques in studying mechanisms of apoptosis in leukemic cells. <i>Cytometry</i> , 1997, 29, 97-105.	1.8	48
79	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, 2048-2057.	3.2	48
80	Control of anterior χ GR χ adient 2 (χ AGR χ 2) dimerization links endoplasmic reticulum proteostasis to inflammation. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	48
81	Mechanisms of Action of a Dual Cdc7/Cdk9 Kinase Inhibitor against Quiescent and Proliferating CLL Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1624-1634.	1.9	47
82	Deficiency in the mitochondrial apoptotic pathway reveals the toxic potential of autophagy under ER stress conditions. <i>Autophagy</i> , 2014, 10, 1921-1936.	4.3	47
83	Stem cells are resistant to TRAIL receptor-mediated apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 4409-4414.	1.6	44
84	Cellular longevity: role of apoptosis and replicative senescence. <i>Biogerontology</i> , 2002, 3, 195-206.	2.0	43
85	Assays for Detecting the Unfolded Protein Response. <i>Methods in Enzymology</i> , 2011, 490, 31-51.	0.4	42
86	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, 305-311.	1.0	42
87	ER stress in obesity pathogenesis and management. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 97-109.	4.0	42
88	RIPK1 promotes death receptor-independent caspase-8-mediated apoptosis under unresolved ER stress conditions. <i>Cell Death and Disease</i> , 2014, 5, e1555-e1555.	2.7	41
89	Methods for Studying ER Stress and UPR Markers in Human Cells. <i>Methods in Molecular Biology</i> , 2015, 1292, 3-18.	0.4	41
90	Regulation of the unfolded protein response by noncoding RNA. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C243-C254.	2.1	41

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91	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-e1202.	2.7	40
92	Simvastatin Induces Unfolded Protein Response and Enhances Temozolomide-Induced Cell Death in Glioblastoma Cells. <i>Cells</i> , 2020, 9, 2339.	1.8	40
93	Autophagy, Apoptosis, the Unfolded Protein Response, and Lung Function in Idiopathic Pulmonary Fibrosis. <i>Cells</i> , 2021, 10, 1642.	1.8	39
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, 2482-2496.	1.6	38
95	Pro-apoptotic signaling induced by photo-oxidative ER stress is amplified by Noxa, not Bim. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 500-506.	1.0	38
96	Differential activation of JNK1 isoforms by TRAIL receptors modulate apoptosis of colon cancer cell lines. <i>British Journal of Cancer</i> , 2009, 100, 1415-1424.	2.9	35
97	PERK regulated miR-424(322)-503 cluster fine-tunes activation of IRE1 and ATF6 during Unfolded Protein Response. <i>Scientific Reports</i> , 2016, 5, 18304.	1.6	35
98	The switch from survival responses to apoptosis after chromosomal breaks. <i>DNA Repair</i> , 2004, 3, 989-995.	1.3	34
99	Early growth response-1 is a regulator of DR5-induced apoptosis in colon cancer cells. <i>British Journal of Cancer</i> , 2010, 102, 754-764.	2.9	34
100	Cell Stress and Cell Death. <i>International Journal of Cell Biology</i> , 2010, 2010, 1-2.	1.0	33
101	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-e3026.	2.7	33
102	Inhibition of IRE1 RNase activity reduces NLRP3 inflammasome assembly and processing of pro-IL1 β . <i>Cell Death and Disease</i> , 2019, 10, 622.	2.7	33
103	Disruption of microRNA Biogenesis Confers Resistance to ER Stress-Induced Cell Death Upstream of the Mitochondrion. <i>PLoS ONE</i> , 2013, 8, e73870.	1.1	32
104	miRNA signature of unfolded protein response in H9c2 rat cardiomyoblasts. <i>Cell and Bioscience</i> , 2014, 4, 56.	2.1	32
105	Local intracerebral inhibition of IRE1 by MKC8866 sensitizes glioblastoma to irradiation/chemotherapy in vivo. <i>Cancer Letters</i> , 2020, 494, 73-83.	3.2	32
106	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.	2.9	31
107	Endoplasmic Reticulum Stress: At the Crossroads of Inflammation and Metabolism in Hepatocellular Carcinoma Development. <i>Cancer Cell</i> , 2014, 26, 301-303.	7.7	31
108	β cell cytoprotective strategies: Establishing the relative roles for iNOS and ROS. <i>Biochemical and Biophysical Research Communications</i> , 2006, 342, 1240-1248.	1.0	30

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109	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.	1.7	30
110	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, 1247-1255.	2.2	29
111	Enhancement of Antitumor Properties of rhTRAIL by Affinity Increase toward Its Death Receptors. <i>Biochemistry</i> , 2009, 48, 2180-2191.	1.2	29
112	NOXA contributes to the sensitivity of PERK-deficient cells to ER stress. <i>FEBS Letters</i> , 2012, 586, 4023-4030.	1.3	28
113	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.	1.1	28
114	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.	1.0	28
115	Regulated IRE1 α -dependent decay (RIDC)-mediated reprogramming of lipid metabolism in cancer. <i>Nature Communications</i> , 2022, 13, 2493.	5.8	28
116	Functionality of NGF-protected PC12 cells following exposure to 6-hydroxydopamine. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 890-895.	1.0	27
117	In the cut and thrust of apoptosis, serine proteases come of age. <i>Biochemical Pharmacology</i> , 2003, 66, 1469-1474.	2.0	26
118	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.	1.6	26
119	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, 289-293.	5.0	25
120	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.	2.5	25
121	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.	1.6	25
122	Homology model of the human tRNA splicing ligase RtcB. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1983-1993.	1.5	24
123	An Emerging Role for the Unfolded Protein Response in Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 261.	1.7	24
124	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, 551-559.	0.8	22
125	Drugging the unfolded protein response in acute leukemias. <i>Journal of Hematology and Oncology</i> , 2015, 8, 87.	6.9	22
126	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.	1.4	22

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127	Decorated Macrocycles via Ring-Closing Double-Reductive Amination. Identification of an Apoptosis Inducer of Leukemic Cells That at Least Partially Antagonizes a 5-HT ₂ Receptor. <i>Organic Letters</i> , 2015, 17, 1672-1675.	2.4	21
128	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, 813-821.	1.0	20
129	Is There a Role for Nuclear Factor κ B in Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand Resistance?. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, 38-49.	1.8	19
130	Synthetic constrained peptide selectively binds and antagonizes death receptor 5. <i>FEBS Journal</i> , 2010, 277, 1653-1665.	2.2	19
131	Targeting AML through DR4 with a novel variant of rhTRAIL. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2216-2231.	1.6	18
132	Peptidomimetic-based identification of FDA-approved compounds inhibiting IRE1 activity. <i>FEBS Journal</i> , 2021, 288, 945-960.	2.2	18
133	Molecular modeling provides a structural basis for PERK inhibitor selectivity towards RIPK1. <i>RSC Advances</i> , 2020, 10, 367-375.	1.7	17
134	Cytoprotection of beta cells: rational gene transfer strategies. <i>Diabetes/Metabolism Research and Reviews</i> , 2006, 22, 241-252.	1.7	16
135	Determination of Apoptosis and Necrosis. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 1999, 00, Unit 2.2.	1.1	14
136	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
137	The Proteasome Inhibitor Bortezomib Sensitizes AML with Myelomonocytic Differentiation to TRAIL Mediated Apoptosis. <i>Cancers</i> , 2011, 3, 1329-1350.	1.7	14
138	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-G1383.	1.6	13
139	The IRE1 and PERK arms of the unfolded protein response promote survival of rhabdomyosarcoma cells. <i>Cancer Letters</i> , 2020, 490, 76-88.	3.2	11
140	The Role of BiP and the IRE1-XBP1 Axis in Rhabdomyosarcoma Pathology. <i>Cancers</i> , 2021, 13, 4927.	1.7	11
141	Hypoxia and Ischemia Induce Nuclear Condensation and Caspase Activation in Cardiomyocytes. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 728-732.	1.8	10
142	Biology of the Endoplasmic Reticulum. , 2012, , 3-22.		10
143	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, 40-45.	1.0	10
144	Targeting the angio-proteostasis network: Combining the forces against cancer. , 2016, 167, 1-12.		10

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145	CD95-mediated alteration in Hsp70 levels is dependent on protein stabilization. <i>Cell Stress and Chaperones</i> , 2005, 10, 59.	1.2	10
146	Generation of rationally-designed nerve growth factor (NGF) variants with receptor specificity. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 700-705.	1.0	9
147	Binding Analysis of the Inositol-Requiring Enzyme 1 Kinase Domain. <i>ACS Omega</i> , 2018, 3, 13313-13322.	1.6	9
148	Targeting of BCR-ABL1 and IRE1 β induces synthetic lethality in Philadelphia-positive acute lymphoblastic leukemia. <i>Carcinogenesis</i> , 2021, 42, 272-284.	1.3	9
149	The stressosome, a caspase- β -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.	1.6	9
150	Novel Pt(IV) Prodrugs Displaying Antimitochondrial Effects. <i>Molecular Pharmaceutics</i> , 2020, 17, 3009-3023.	2.3	8
151	Role of Bcr-Abl Kinase in Resistance to Apoptosis. <i>Advances in Pharmacology</i> , 1997, 41, 533-552.	1.2	7
152	Induction of Autophagy. , 2015, , 91-101.		7
153	Gold(I) Complexes with a Quinazoline Carboxamide Alkynyl Ligand: Synthesis, Cytotoxicity, and Mechanistic Studies. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1921-1928.	1.0	7
154	OxLDL-induced gene expression patterns in CASMC are mimicked in apoE $\alpha^{-/-}$ mice aortas. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 681-686.	1.0	6
155	Endoplasmic Reticulum Stress in Health and Disease. , 2012, , .		6
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. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5538.	1.8	6
157	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, 22-29.	1.2	5
158	Cytokine-Induced β -Cell Stress and Death in Type 1 Diabetes Mellitus. , 0, , .		5
159	Atypical heat shock response and acquisition of thermotolerance in P388D1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 236-240.	1.0	5
160	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.	0.8	5
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