

# Claudio Hetz

## List of Publications by Year in descending order

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175  
papers

30,931  
citations

12994

63  
h-index

3158

175  
g-index

195  
all docs

195  
docs citations

195  
times ranked

46795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assays to Study IRE1 Activation and Signaling. <i>Methods in Molecular Biology</i> , 2022, , 141-168.	0.0	0
2	Stress-induced tyrosine phosphorylation of RtcB modulates IRE1 activity and signaling outputs. <i>Life Science Alliance</i> , 2022, 5, e202201379.	2.7	10
3	A chosen STING with a PERKy trail. <i>Nature Cell Biology</i> , 2022, 24, 602-604.	10.5	2
4	Cell death regulation by MAMs: from molecular mechanisms to therapeutic implications in cardiovascular diseases. <i>Cell Death and Disease</i> , 2022, 13, .	8.5	33
5	Balancing energy and protein homeostasis at ER-mitochondria contact sites. <i>Science Signaling</i> , 2022, 15, .	5.5	27
6	Mitochondria-associated niches in health and disease. <i>Journal of Cell Science</i> , 2022, 135, .	3.2	3
7	Simultaneous determination of intraluminal lysosomal calcium and pH by dextran-conjugated fluorescent dyes. <i>Methods in Cell Biology</i> , 2021, , 199-208.	0.0	6
8	Disruption of Endoplasmic Reticulum Proteostasis in Age-Related Nervous System Disorders. <i>Progress in Molecular and Subcellular Biology</i> , 2021, , 239-278.	0.0	2
9	Therapeutic potential of insulin-like growth factor 2 in Huntingtonâ€™s disease: controlling proteostasis to alleviate the load of misfolded protein. <i>Neural Regeneration Research</i> , 2021, 16, 1564.	3.9	2
10	Endoplasmic reticulum stress and unfolded protein response in cardiovascular diseases. <i>Nature Reviews Cardiology</i> , 2021, 18, 499-521.	12.5	403
11	Protein disulfide isomerase ERp57 protects early muscle denervation in experimental ALS. <i>Acta Neuropathologica Communications</i> , 2021, 9, .	5.1	11
12	DEF8 and Autophagy-Associated Genes Are Altered in Mild Cognitive Impairment, Probable Alzheimerâ€™s Disease Patients, and a Transgenic Model of the Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, S163-S178.	2.7	7
13	Retinal Ganglion Cells Functional Changes in a Mouse Model of Alzheimerâ€™s Disease Are Linked with Neurotransmitter Alterations. <i>Journal of Alzheimer's Disease</i> , 2021, 82, S5-S18.	2.7	5
14	A phenolic-rich extract from <i>Ugni molinae</i> berries reduces abnormal protein aggregation in a cellular model of Huntingtonâ€™s disease. <i>PLoS ONE</i> , 2021, 16, e0254834.	2.5	11
15	Paradoxical implication of BAX/BAK in the persistence of tetraploid cells. <i>Cell Death and Disease</i> , 2021, 12, .	8.5	7
16	Proteostasis impairment and ER stress as a possible target to treat Parkinson's disease. <i>International Review of Movement Disorders</i> , 2021, , 245-260.	0.0	0
17	Inflammation-associated suppression of metabolic gene networks in acute and chronic liver disease. <i>Archives of Toxicology</i> , 2020, 94, 205-217.	6.0	28
18	Autophagy in hepatic adaptation to stress. <i>Journal of Hepatology</i> , 2020, 72, 183-196.	2.9	121

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19	When Endoplasmic Reticulum Proteostasis Meets the DNA Damage Response. <i>Trends in Cell Biology</i> , 2020, 30, 881-891.	15.3	55
20	The UPProsome â€“ decoding novel biological outputs of IRE1Î± function. <i>Journal of Cell Science</i> , 2020, 133, .	3.2	36
21	Getting intimate: Lysosomes and ER rendezvous to control autophagy. <i>Cell Calcium</i> , 2020, 91, 102249.	2.7	3
22	Caveolin-1 suppresses tumor formation through the inhibition of the unfolded protein response. <i>Cell Death and Disease</i> , 2020, 11, .	8.5	25
23	Genotoxic stress triggers the activation of IRE1Î±-dependent RNA decay to modulate the DNA damage response. <i>Nature Communications</i> , 2020, 11, .	14.1	62
24	Mechanisms, regulation and functions of the unfolded protein response. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 421-438.	31.4	1,423
25	Emerging roles of the unfolded protein response (UPR) in the nervous system: A link with adaptive behavior to environmental stress?. <i>International Review of Cell and Molecular Biology</i> , 2020, , 29-61.	4.5	21
26	Insulin-like growth factor 2 (IGF2) protects against Huntingtonâ€™s disease through the extracellular disposal of protein aggregates. <i>Acta Neuropathologica</i> , 2020, 140, 737-764.	7.9	44
27	Acute Pannexin 1 Blockade Mitigates Early Synaptic Plasticity Defects in a Mouse Model of Alzheimerâ€™s Disease. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, .	3.5	21
28	Small Molecules to Improve ER Proteostasis in Disease. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 684-695.	14.8	59
29	Pharmacological targeting of the unfolded protein response for disease intervention. <i>Nature Chemical Biology</i> , 2019, 15, 764-775.	7.3	191
30	The UFMylation System in Proteostasis and Beyond. <i>Trends in Cell Biology</i> , 2019, 29, 974-986.	15.3	103
31	The p75NTR neurotrophin receptor is required to organize the mature neuromuscular synapse by regulating synaptic vesicle availability. <i>Acta Neuropathologica Communications</i> , 2019, 7, .	5.1	14
32	Î²-catenin aggregation in models of ALS motor neurons: GSK3Î² inhibition effect and neuronal differentiation. <i>Neurobiology of Disease</i> , 2019, 130, 104497.	5.2	16
33	Non-canonical function of IRE1Î± determines mitochondria-associated endoplasmic reticulum composition to control calcium transfer and bioenergetics. <i>Nature Cell Biology</i> , 2019, 21, 755-767.	10.5	182
34	Emerging Roles of the Endoplasmic Reticulum Associated Unfolded Protein Response in Cancer Cell Migration and Invasion. <i>Cancers</i> , 2019, 11, 631.	4.0	63
35	Targeting of the unfolded protein response (UPR) as therapy for Parkinson's disease. <i>Biology of the Cell</i> , 2019, 111, 161-168.	2.8	35
36	Brain organoids: a next step for humanized Alzheimerâ€™s disease models?. <i>Molecular Psychiatry</i> , 2019, 24, 474-478.	8.3	52

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37	ER stress links aging to sporadic ALS. <i>Aging</i> , 2019, 11, 5-6.	2.5	11
38	Gene Therapy Strategies to Restore ER Proteostasis in Disease. <i>Molecular Therapy</i> , 2018, 26, 1404-1413.	10.5	36
39	Interactome Screening Identifies the ER Luminal Chaperone Hsp47 as a Regulator of the Unfolded Protein Response Transducer IRE1 $\alpha$ . <i>Molecular Cell</i> , 2018, 69, 238-252.e7.	14.2	123
40	Targeting PERK signaling with the small molecule GSK2606414 prevents neurodegeneration in a model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2018, 112, 136-148.	5.2	124
41	Homeostatic interplay between FoxO proteins and ER proteostasis in cancer and other diseases. <i>Seminars in Cancer Biology</i> , 2018, 50, 42-52.	14.2	8
42	Unraveling the role of motoneuron autophagy in ALS. <i>Autophagy</i> , 2018, 14, 733-737.	13.8	12
43	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	13.7	4,465
44	Genome-wide circulating microRNA expression profiling reveals potential biomarkers for amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2018, 64, 123-138.	3.4	49
45	(off)Targeting UPR signaling: the race toward intervening ER proteostasis. <i>Expert Opinion on Therapeutic Targets</i> , 2018, 22, 97-100.	3.9	7
46	Dual <sc>IRE</sc> 1 <sc>RN</sc> ase functions dictate glioblastoma development. <i>EMBO Molecular Medicine</i> , 2018, 10, .	7.2	126
47	A decay of the adaptive capacity of the unfolded protein response exacerbates Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 63, 162-164.	3.4	11
48	Calcium signaling at the endoplasmic reticulum: fine-tuning stress responses. <i>Cell Calcium</i> , 2018, 70, 24-31.	2.7	211
49	The Unfolded Protein Response and Cell Fate Control. <i>Molecular Cell</i> , 2018, 69, 169-181.	14.2	1,023
50	Emerging roles of <sc>ER</sc> stress in the etiology and pathogenesis of Alzheimer's disease. <i>FEBS Journal</i> , 2018, 285, 995-1011.	5.5	187
51	Interplay Between the Unfolded Protein Response and Immune Function in the Development of Neurodegenerative Diseases. <i>Frontiers in Immunology</i> , 2018, 9, .	5.0	35
52	Cyclosporine A binding to COX-2 reveals a novel signaling pathway that activates the IRE1 $\alpha$ unfolded protein response sensor. <i>Scientific Reports</i> , 2018, 8, .	3.7	16
53	Endoplasmic reticulum stress signalling and the pathogenesis of non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2018, 69, 927-947.	2.9	635
54	ER Proteostasis Control of Neuronal Physiology and Synaptic Function. <i>Trends in Neurosciences</i> , 2018, 41, 610-624.	13.4	89

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55	Endoplasmic reticulum stress leads to accumulation of wild-type SOD1 aggregates associated with sporadic amyotrophic lateral sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8209-8214.	7.7	83
56	IRE1 $\beta$ governs cytoskeleton remodelling and cell migration through a direct interaction with filamin A. Nature Cell Biology, 2018, 20, 942-953.	10.5	98
57	A new model to study cell-to-cell transfer of $\beta$ -Synuclein in vivo. Biochemical and Biophysical Research Communications, 2018, 503, 1385-1393.	2.1	5
58	ER stress sensing mechanism: Putting off the brake on UPR transducers. Oncotarget, 2018, 9, 19461-19462.	1.7	12
59	The ER proteostasis network in ALS: Determining the differential motoneuron vulnerability. Neuroscience Letters, 2017, 636, 9-15.	1.9	33
60	Autophagosomes cooperate in the degradation of intracellular C-terminal fragments of the amyloid precursor protein via the MVB/lysosomal pathway. FASEB Journal, 2017, 31, 2446-2459.	0.7	39
61	The Endoplasmic Reticulum Chaperone GRP78/BiP Modulates Prion Propagation in vitro and in vivo. Scientific Reports, 2017, 7, .	3.7	74
62	Endoplasmic reticulum proteostasis in glioblastoma: From molecular mechanisms to therapeutic perspectives. Science Signaling, 2017, 10, .	5.5	102
63	Disulfide cross-linked multimers of TDP-43 and spinal motoneuron loss in a TDP-43A315T ALS/FTD mouse model. Scientific Reports, 2017, 7, .	3.7	19
64	ER Stress and Neurodegenerative Disease: A Cause or Effect Relationship?. Current Topics in Microbiology and Immunology, 2017, , 131-157.	0.0	28
65	Proteostasis disturbance in amyotrophic lateral sclerosis. Human Molecular Genetics, 2017, 26, R91-R104.	3.1	35
66	ER stress in neurodegenerative disease: from disease mechanisms to therapeutic interventions. Endoplasmic Reticulum Stress in Diseases, 2017, 4, .	0.5	6
67	Drug repurposing to target proteostasis and prevent neurodegeneration: accelerating translational efforts. Brain, 2017, 140, 1544-1547.	8.9	17
68	Fine-Tuning ER Stress Signal Transducers to Treat Amyotrophic Lateral Sclerosis. Frontiers in Molecular Neuroscience, 2017, 10, .	3.5	18
69	The Unfolded Protein Response: At the Intersection between Endoplasmic Reticulum Function and Mitochondrial Bioenergetics. Frontiers in Oncology, 2017, 7, .	2.7	37
70	Fine-tuning PERK signaling to control cell fate under stress. Nature Structural and Molecular Biology, 2017, 24, 789-790.	6.4	14
71	Desafíos en el diagnóstico de enfermedad de Creutzfeldt-Jakob: Caso clínico. Revista Medica De Chile, 2016, 144, 796-806.	0.2	2
72	Commentary: XBP-1 Is a Cell-Nonautonomous Regulator of Stress Resistance and Longevity. Frontiers in Aging Neuroscience, 2016, 8, .	4.1	4

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73	<scp>ALS</scp>â€linked protein disulfide isomerase variants cause motor dysfunction. EMBO Journal, 2016, 35, 845-865.	7.4	110
74	NFÎB is a central regulator of protein quality control in response to protein aggregation stresses via autophagy modulation. Molecular Biology of the Cell, 2016, 27, 1712-1727.	2.5	37
75	Injury to the nervous system: A look into the ER. Brain Research, 2016, 1648, 617-625.	2.5	22
76	Endoplasmic Reticulum Stress and the Hallmarks of Cancer. Trends in Cancer, 2016, 2, 252-262.	14.0	420
77	Gene therapy to target ER stress in brain diseases. Brain Research, 2016, 1648, 561-570.	2.5	31
78	PREFACE: Divergent roles of ER stress in neurodegeneration and brain disorders. Brain Research, 2016, 1648, 527-529.	2.5	1
79	Glucose Metabolism: A Sweet Relief of Alzheimerâ€™s Disease. Current Biology, 2016, 26, R806-R809.	3.9	68
80	Activation of the unfolded protein response promotes axonal regeneration after peripheral nerve injury. Scientific Reports, 2016, 6, .	3.7	72
81	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	13.8	4,327
82	The intersection between growth factors, autophagy and ER stress: A new target to treat neurodegenerative diseases?. Brain Research, 2016, 1649, 173-180.	2.5	40
83	ERp57 as a novel cellular factor controlling prion protein biosynthesis: Therapeutic potential of protein disulfide isomerases. Prion, 2016, 10, 50-56.	1.7	8
84	Mystery solved: Trehalose kickstarts autophagy by blocking glucose transport. Science Signaling, 2016, 9, .	5.5	72
85	Targeting endoplasmic reticulum acetylation to restore proteostasis in Alzheimerâ€™s disease. Brain, 2016, 139, 650-652.	8.9	7
86	ERp57 in neurodegeneration and regeneration. Neural Regeneration Research, 2016, 11, 232.	3.9	15
87	Bursting the unfolded protein response accelerates axonal regeneration. Neural Regeneration Research, 2016, 11, 892.	3.9	3
88	ER proteostasis disturbances in Parkinson's disease: novel insights. Frontiers in Aging Neuroscience, 2015, 7, .	4.1	25
89	Functional Role of the Disulfide Isomerase ERp57 in Axonal Regeneration. PLoS ONE, 2015, 10, e0136620.	2.5	39
90	When the Good Turns Bad. , 2015, , 259-272.		0

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91	Meet Our Associate Editor:. Current Molecular Medicine, 2015, 15, 509-509.	2.1	0
92	Theme Series " UPR in cancer. Seminars in Cancer Biology, 2015, 33, 1-2.	14.2	8
93	ER stress signaling and neurodegeneration: At the intersection between Alzheimer's disease and Prion-related disorders. Virus Research, 2015, 207, 69-75.	2.6	27
94	Targeting the unfolded protein response for disease intervention. Expert Opinion on Therapeutic Targets, 2015, 19, 1203-1218.	3.9	55
95	Proteostasis control by the unfolded protein response. Nature Cell Biology, 2015, 17, 829-838.	10.5	567
96	ER proteostasis addiction in cancer biology: Novel concepts. Seminars in Cancer Biology, 2015, 33, 40-47.	14.2	41
97	Endoplasmic Reticulum Stress"Activated Cell Reprogramming in Oncogenesis. Cancer Discovery, 2015, 5, 586-597.	26.4	295
98	<scp>RNA</scp> metabolism: putting the brake on the <scp>UPR</scp>. EMBO Reports, 2015, 16, 545-546.	5.3	4
99	Dual Role of Autophagy in Neurodegenerative Diseases: The Case of Amyotrophic Lateral Sclerosis. Current Topics in Neurotoxicity, 2015, , 63-78.	0.0	2
100	The Protein-disulfide Isomerase ERp57 Regulates the Steady-state Levels of the Prion Protein. Journal of Biological Chemistry, 2015, 290, 23631-23645.	2.3	49
101	PERK regulated miR-424(322)-503 cluster fine-tunes activation of IRE1 and ATF6 during Unfolded Protein Response. Scientific Reports, 2015, 5, .	3.7	35
102	Gene therapy in Parkinson's disease: targeting the endoplasmic reticulum proteostasis network. Neural Regeneration Research, 2015, 10, 1053.	3.9	6
103	Memory loss in Alzheimer's disease: are the alterations in the UPR network involved in the cognitive impairment?. Frontiers in Aging Neuroscience, 2014, 6, .	4.1	33
104	A new method to measure autophagy flux in the nervous system. Autophagy, 2014, 10, 710-714.	13.8	24
105	Modeling UPR adaptive responses. Nature Chemical Biology, 2014, 10, 879-880.	7.3	3
106	<scp>RESET</scp> ing <scp>ER</scp> proteostasis: selective stress pathway hidden in the secretory route. EMBO Journal, 2014, 33, 2444-2446.	7.4	6
107	Cellular Mechanisms of Endoplasmic Reticulum Stress Signaling in Health and Disease. 1. An overview. American Journal of Physiology - Cell Physiology, 2014, 307, C582-C594.	4.4	139
108	Autophagy meets fused in sarcoma-positive stress granules. Neurobiology of Aging, 2014, 35, 2832-2835.	3.4	13

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109	Addicted to secrete " novel concepts and targets in cancer therapy. Trends in Molecular Medicine, 2014, 20, 242-250.	10.0	72
110	Pathogenic role of BECN1/Beclin 1 in the development of amyotrophic lateral sclerosis. Autophagy, 2014, 10, 1256-1271.	13.8	90
111	Targeting autophagy in neurodegenerative diseases. Trends in Pharmacological Sciences, 2014, 35, 583-591.	14.8	129
112	The transcription factor CHOP, a central component of the transcriptional regulatory network induced upon CCl4 intoxication in mouse liver, is not a critical mediator of hepatotoxicity. Archives of Toxicology, 2014, 88, 1267-1280.	6.0	38
113	Interplay Between the Oxidoreductase PDIA6 and microRNA-322 Controls the Response to Disrupted Endoplasmic Reticulum Calcium Homeostasis. Science Signaling, 2014, 7, .	5.5	89
114	Targeting the unfolded protein response in disease. Nature Reviews Drug Discovery, 2013, 12, 703-719.	39.3	747
115	Herp depletion protects from protein aggregation by up-regulating autophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3295-3305.	3.6	31
116	A failure in energy metabolism and antioxidant uptake precede symptoms of Huntington's disease in mice. Nature Communications, 2013, 4, .	14.1	95
117	Bax Inhibitor-1-mediated Ca <sup>2+</sup> leak is decreased by cytosolic acidosis. Cell Calcium, 2013, 54, 186-192.	2.7	27
118	An ERcentric view of Parkinson's disease. Trends in Molecular Medicine, 2013, 19, 165-175.	10.0	160
119	The unfolded protein response in Alzheimer's disease. Seminars in Immunopathology, 2013, 35, 277-292.	8.5	94
120	The biological meaning of the UPR. Nature Reviews Molecular Cell Biology, 2013, 14, 404-404.	31.4	25
121	Unspliced XBP1 controls autophagy through FoxO1. Cell Research, 2013, 23, 463-464.	8.2	25
122	ER Dysfunction and Protein Folding Stress in ALS. International Journal of Cell Biology, 2013, 2013, 1-12.	2.3	79
123	Trehalose delays the progression of amyotrophic lateral sclerosis by enhancing autophagy in motoneurons. Autophagy, 2013, 9, 1308-1320.	13.8	297
124	Role of the unfolded protein response in organ physiology: Lessons from mouse models. IUBMB Life, 2013, 65, 962-975.	3.0	44
125	Functional Contribution of the Transcription Factor ATF4 to the Pathogenesis of Amyotrophic Lateral Sclerosis. PLoS ONE, 2013, 8, e66672.	2.5	80
126	Crosstalk between the UPR and autophagy pathway contributes to handling cellular stress in neurodegenerative disease. Autophagy, 2012, 8, 970-972.	13.8	48

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127	Bax channel inhibitors prevent mitochondrion-mediated apoptosis and protect neurons in a model of global brain ischemia.. Journal of Biological Chemistry, 2012, 287, 44108.	2.3	1
128	Protein disulfide isomerases in neurodegeneration: From disease mechanisms to biomedical applications. FEBS Letters, 2012, 586, 2826-2834.	2.8	88
129	AAV-mediated delivery of the transcription factor XBP1s into the striatum reduces mutant Huntingtin aggregation in a mouse model of Huntington's disease. Biochemical and Biophysical Research Communications, 2012, 420, 558-563.	2.1	67
130	Targeting the UPR transcription factor XBP1 protects against Huntington's disease through the regulation of FoxO1 and autophagy. Human Molecular Genetics, 2012, 21, 2245-2262.	3.1	246
131	Autophagy impairment: a crossroad between neurodegeneration and tauopathies. BMC Biology, 2012, 10, .	4.0	25
132	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	13.8	2,928
133	Cell's nonautonomous control of the UPR. EMBO Reports, 2012, 13, 767-768.	5.3	4
134	Hormesis. Autophagy, 2012, 8, 997-1001.	13.8	64
135	Altered Prion Protein Expression Pattern in CSF as a Biomarker for Creutzfeldt-Jakob Disease. PLoS ONE, 2012, 7, e36159.	2.5	33
136	A BAX/BAK and Cyclophilin D-Independent Intrinsic Apoptosis Pathway. PLoS ONE, 2012, 7, e37782.	2.5	34
137	The unfolded protein response: controlling cell fate decisions under ER stress and beyond. Nature Reviews Molecular Cell Biology, 2012, 13, 89-102.	31.4	3,069
138	Astrocytic $\alpha$ 2 $\beta$ 3 Integrin Inhibits Neurite Outgrowth and Promotes Retraction of Neuronal Processes by Clustering Thy-1. PLoS ONE, 2012, 7, e34295.	2.5	57
139	Amyloid $\beta$ -Peptide Oligomers Stimulate RyR-Mediated $Ca^{2+}$ Release Inducing Mitochondrial Fragmentation in Hippocampal Neurons and Prevent RyR-Mediated Dendritic Spine Remodeling Produced by BDNF. Antioxidants and Redox Signaling, 2011, 14, 1209-1223.	6.4	117
140	Modulating stress responses by the UPRosome: A matter of life and death. Trends in Biochemical Sciences, 2011, 36, 329-337.	8.1	218
141	Oxidative stress activates the c-Abl/p73 proapoptotic pathway in Niemann-Pick type C neurons. Neurobiology of Disease, 2011, 41, 209-218.	5.2	57
142	Integrating stress signals at the endoplasmic reticulum: The BCL-2 protein family rheostat. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 564-574.	3.6	136
143	Protein folding stress in neurodegenerative diseases: a glimpse into the ER. Current Opinion in Cell Biology, 2011, 23, 239-252.	4.2	193
144	Protein homeostasis networks in physiology and disease. Current Opinion in Cell Biology, 2011, 23, 123-125.	4.2	33

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145	Abnormal calcium homeostasis and protein folding stress at the ER. <i>Communicative and Integrative Biology</i> , 2011, 4, 258-261.	1.0	30
146	Targeting autophagy in ALS: A complex mission. <i>Autophagy</i> , 2011, 7, 450-453.	13.8	31
147	Axonal Degeneration Is Mediated by the Mitochondrial Permeability Transition Pore. <i>Journal of Neuroscience</i> , 2011, 31, 966-978.	3.7	176
148	BAX inhibitor-1 regulates autophagy by controlling the IRE1 $\hat{\pm}$ branch of the unfolded protein response. <i>EMBO Journal</i> , 2011, 30, 4465-4478.	7.4	104
149	Prion Protein Misfolding Affects Calcium Homeostasis and Sensitizes Cells to Endoplasmic Reticulum Stress. <i>PLoS ONE</i> , 2010, 5, e15658.	2.5	70
150	HSP72 Protects Cells from ER Stress-induced Apoptosis via Enhancement of IRE1 $\hat{\pm}$ -XBP1 Signaling through a Physical Interaction. <i>PLoS Biology</i> , 2010, 8, e1000410.	5.2	201
151	Amyotrophic Lateral Sclerosis Pathogenesis: A Journey Through the Secretory Pathway. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1955-1989.	6.4	51
152	Alternative Functions of the BCL-2 Protein Family at the Endoplasmic Reticulum. <i>Advances in Experimental Medicine and Biology</i> , 2010, , 33-47.	0.0	11
153	XBP-1 deficiency in the nervous system reveals a homeostatic switch to activate autophagy. <i>Autophagy</i> , 2009, 5, 1226-1228.	13.8	33
154	Turning off the unfolded protein response: An interplay between the apoptosis machinery and ER stress signaling. <i>Cell Cycle</i> , 2009, 8, 1641-1644.	3.2	21
155	The UPR as a survival factor of cancer cells: More than folding proteins?. <i>Leukemia Research</i> , 2009, 33, 880-882.	0.6	16
156	Fine-Tuning of the Unfolded Protein Response: Assembling the IRE1 $\hat{\pm}$ Interactome. <i>Molecular Cell</i> , 2009, 35, 551-561.	14.2	350
157	The daily job of night killers: alternative roles of the BCL-2 family in organelle physiology. <i>Trends in Cell Biology</i> , 2008, 18, 38-44.	15.3	78
158	XBP-1 and the UPRosome: Mastering Secretory Cell Function. <i>Current Immunology Reviews</i> , 2008, 4, 1-10.	0.1	14
159	Editorial [ Apoptosis, Necrosis and Autophagy: From Mechanisms to Biomedical Applications (Part-I) Guest Editor: Claudio Hetz ]. <i>Current Molecular Medicine</i> , 2008, 8, 76-77.	2.1	5
160	The Stress Rheostat: An Interplay Between the Unfolded Protein Response (UPR) and Autophagy in Neurodegeneration. <i>Current Molecular Medicine</i> , 2008, 8, 157-172.	2.1	116
161	Perturbation of Endoplasmic Reticulum Homeostasis Facilitates Prion Replication. <i>Journal of Biological Chemistry</i> , 2007, 282, 12725-12733.	2.3	57
162	Prion Pathogenesis is Independent of Caspase-12. <i>Prion</i> , 2007, 1, 243-247.	1.7	41

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163	Editorial [Hot Topic: Emerging Roles of the Unfolded Protein Response Signaling in Physiology and Disease (Executive Editor: Claudio A. Hetz and Claudio Soto)]. Current Molecular Medicine, 2006, 6, 1-3.	2.1	14
164	Protein Misfolding. , 2005, , 213-227.		0
165	Signaling Pathways Controlling Prion Neurotoxicity: Role of Endoplasmic Reticulum Stress-Mediated Apoptosis. , 2005, , 319-344.		1
166	Bax Channel Inhibitors Prevent Mitochondrion-mediated Apoptosis and Protect Neurons in a Model of Global Brain Ischemia. Journal of Biological Chemistry, 2005, 280, 42960-42970.	2.3	148
167	Cyclophilin D is a component of mitochondrial permeability transition and mediates neuronal cell death after focal cerebral ischemia. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12005-12010.	7.7	705
168	In Vitro Generation of Infectious Scrapie Prions. Cell, 2005, 121, 195-206.	35.1	676
169	Prion Replication Alters the Distribution of Synaptophysin and Caveolin 1 in Neuronal Lipid Rafts. American Journal of Pathology, 2004, 165, 1839-1848.	3.6	47
170	Molecular Mechanisms of Neurotoxicity of Pathological Prion Protein. Current Molecular Medicine, 2004, 4, 397-403.	2.1	41
171	Caspase-12 and endoplasmic reticulum stress mediate neurotoxicity of pathological prion protein. EMBO Journal, 2003, 22, 5435-5445.	7.4	333
172	Is loss of function of the prion protein the cause of prion disorders?. Trends in Molecular Medicine, 2003, 9, 237-243.	10.0	61
173	Microcin E492, a channel-forming bacteriocin from Klebsiella pneumoniae, induces apoptosis in some human cell lines. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2696-2701.	7.7	138
174	Nonselective cation channels as effectors of free radical-induced rat liver cell necrosis. Hepatology, 2001, 33, 114-122.	11.6	56
175	Structure, organization and characterization of the gene cluster involved in the production of microcin E492, a channel-forming bacteriocin. Molecular Microbiology, 2001, 42, 229-243.	2.7	66