Claudio Hetz

List of Publications by Year in descending order

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207 papers	35,979 citations	10956 71 h-index	3476 182 g-index
221 all docs	221 docs citations	221 times ranked	46569 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
3	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
4	The unfolded protein response: controlling cell fate decisions under ER stress and beyond. Nature Reviews Molecular Cell Biology, 2012, 13, 89-102.	16.1	3,080
5	Mechanisms, regulation and functions of the unfolded protein response. Nature Reviews Molecular Cell Biology, 2020, 21, 421-438.	16.1	1,129
6	The Unfolded Protein Response and Cell Fate Control. Molecular Cell, 2018, 69, 169-181.	4.5	1,014
7	Targeting the unfolded protein response in disease. Nature Reviews Drug Discovery, 2013, 12, 703-719.	21.5	765
8	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.	3.3	744
9	In Vitro Generation of Infectious Scrapie Prions. Cell, 2005, 121, 195-206.	13.5	724
10	ER stress and the unfolded protein response in neurodegeneration. Nature Reviews Neurology, 2017, 13, 477-491.	4.9	656
11	Proapoptotic BAX and BAK Modulate the Unfolded Protein Response by a Direct Interaction with IRE1Â. Science, 2006, 312, 572-576.	6.0	614
12	Disturbance of endoplasmic reticulum proteostasis in neurodegenerative diseases. Nature Reviews Neuroscience, 2014, 15, 233-249.	4.9	599
13	Proteostasis control by the unfolded protein response. Nature Cell Biology, 2015, 17, 829-838.	4.6	583
14	Endoplasmic reticulum stress signalling and the pathogenesis of non-alcoholic fatty liver disease. Journal of Hepatology, 2018, 69, 927-947.	1.8	569
15	The Unfolded Protein Response: Integrating Stress Signals Through the Stress Sensor IRE1Î±. Physiological Reviews, 2011, 91, 1219-1243.	13.1	498
16	XBP-1 deficiency in the nervous system protects against amyotrophic lateral sclerosis by increasing autophagy. Genes and Development, 2009, 23, 2294-2306.	2.7	463
17	Endoplasmic Reticulum Stress and the Hallmarks of Cancer. Trends in Cancer, 2016, 2, 252-262.	3.8	406
18	Fine-Tuning of the Unfolded Protein Response: Assembling the IRE1Î± Interactome. Molecular Cell, 2009, 35, 551-561.	4.5	374

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19	When ER stress reaches a dead end. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3507-3517.	1.9	367
20	Caspase-12 and endoplasmic reticulum stress mediate neurotoxicity of pathological prion protein. EMBO Journal, 2003, 22, 5435-5445.	3.5	355
21	Trehalose delays the progression of amyotrophic lateral sclerosis by enhancing autophagy in motoneurons. Autophagy, 2013, 9, 1308-1320.	4.3	295
22	Endoplasmic Reticulum Stressâ€“Activated Cell Reprogramming in Oncogenesis. Cancer Discovery, 2015, 5, 586-597.	7.7	292
23	Endoplasmic reticulum stress and unfolded protein response in cardiovascular diseases. Nature Reviews Cardiology, 2021, 18, 499-521.	6.1	283
24	BAX Inhibitor-1 Is a Negative Regulator of the ER Stress Sensor IRE1Î±. Molecular Cell, 2009, 33, 679-691.	4.5	281
25	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.	1.4	253
26	Modulating stress responses by the UPRosome: A matter of life and death. Trends in Biochemical Sciences, 2011, 36, 329-337.	3.7	225
27	Calcium signaling at the endoplasmic reticulum: fine-tuning stress responses. Cell Calcium, 2018, 70, 24-31.	1.1	216
28	HSP72 Protects Cells from ER Stress-induced Apoptosis via Enhancement of IRE1Î±-XBP1 Signaling through a Physical Interaction. PLoS Biology, 2010, 8, e1000410.	2.6	213
29	Protein folding stress in neurodegenerative diseases: a glimpse into the ER. Current Opinion in Cell Biology, 2011, 23, 239-252.	2.6	200
30	The Disulfide Isomerase Grp58 Is a Protective Factor against Prion Neurotoxicity. Journal of Neuroscience, 2005, 25, 2793-2802.	1.7	190
31	Emerging roles of <scp>ER</scp> stress in the etiology and pathogenesis of Alzheimer's disease. FEBS Journal, 2018, 285, 995-1011.	2.2	189
32	Pharmacological targeting of the unfolded protein response for disease intervention. Nature Chemical Biology, 2019, 15, 764-775.	3.9	188
33	BCL-2 family: integrating stress responses at the ER to control cell demise. Cell Death and Differentiation, 2017, 24, 1478-1487.	5.0	184
34	Control of dopaminergic neuron survival by the unfolded protein response transcription factor XBP1. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6804-6809.	3.3	183
35	Axonal Degeneration Is Mediated by the Mitochondrial Permeability Transition Pore. Journal of Neuroscience, 2011, 31, 966-978.	1.7	182
36	Endoplasmic reticulum proteostasis impairment in aging. Aging Cell, 2017, 16, 615-623.	3.0	177

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37	An ERcentric view of Parkinson's disease. Trends in Molecular Medicine, 2013, 19, 165-175.	3.5	169
38	Non-canonical function of IRE1Î± determines mitochondria-associated endoplasmic reticulum composition to control calcium transfer and bioenergetics. Nature Cell Biology, 2019, 21, 755-767.	4.6	168
39	Cellular Mechanisms of Endoplasmic Reticulum Stress Signaling in Health and Disease. 1. An overview. American Journal of Physiology - Cell Physiology, 2014, 307, C582-C594.	2.1	147
40	IRE1 signaling exacerbates Alzheimerâ€™s disease pathogenesis. Acta Neuropathologica, 2017, 134, 489-506.	3.9	147
41	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.	1.6	146
42	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.	3.3	142
43	Integrating stress signals at the endoplasmic reticulum: The BCL-2 protein family rheostat. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 564-574.	1.9	142
44	Regulation of Memory Formation by the Transcription Factor XBP1. Cell Reports, 2016, 14, 1382-1394.	2.9	142
45	Unfolded protein response transcription factor XBP-1 does not influence prion replication or pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 757-762.	3.3	141
46	Targeting autophagy in neurodegenerative diseases. Trends in Pharmacological Sciences, 2014, 35, 583-591.	4.0	130
47	Dual <scp>IRE</scp> 1 <scp>RN</scp> ase functions dictate glioblastoma development. EMBO Molecular Medicine, 2018, 10, .	3.3	130
48	Interactome Screening Identifies the ER Luminal Chaperone Hsp47 as a Regulator of the Unfolded Protein Response Transducer IRE1Î±. Molecular Cell, 2018, 69, 238-252.e7.	4.5	127
49	The Stress Rheostat: An Interplay Between the Unfolded Protein Response (UPR) and Autophagy in Neurodegeneration. Current Molecular Medicine, 2008, 8, 157-172.	0.6	124
50	Targeting PERK signaling with the small molecule GSK2606414 prevents neurodegeneration in a model of Parkinson's disease. Neurobiology of Disease, 2018, 112, 136-148.	2.1	123
51	Autophagy in hepatic adaptation to stress. Journal of Hepatology, 2020, 72, 183-196.	1.8	120
52	Amyloid Î²-Peptide Oligomers Stimulate RyR-Mediated Ca²⁺ 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.	2.5	118
53	<scp>ALS</scp>â€linked protein disulfide isomerase variants cause motor dysfunction. EMBO Journal, 2016, 35, 845-865.	3.5	109
54	Endoplasmic reticulum proteostasis in glioblastomaâ€”From molecular mechanisms to therapeutic perspectives. Science Signaling, 2017, 10, .	1.6	107

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55	BAX inhibitor-1 regulates autophagy by controlling the IRE1Î± branch of the unfolded protein response. EMBO Journal, 2011, 30, 4465-4478.	3.5	105
56	The unfolded protein response in Alzheimerâ€™s disease. Seminars in Immunopathology, 2013, 35, 277-292.	2.8	102
57	BH3-only proteins are part of a regulatory network that control the sustained signalling of the unfolded protein response sensor IRE1Î±. EMBO Journal, 2012, 31, 2322-2335.	3.5	99
58	IRE1Î± governs cytoskeleton remodelling and cell migration through a direct interaction with filamin A. Nature Cell Biology, 2018, 20, 942-953.	4.6	98
59	The UFMylation System in Proteostasis and Beyond. Trends in Cell Biology, 2019, 29, 974-986.	3.6	97
60	Stressing Out the ER: A Role of the Unfolded Protein Response in Prion-Related Disorders. Current Molecular Medicine, 2006, 6, 37-43.	0.6	96
61	A failure in energy metabolism and antioxidant uptake precede symptoms of Huntingtonâ€™s disease in mice. Nature Communications, 2013, 4, 2917.	5.8	96
62	Interplay Between the Oxidoreductase PDIA6 and microRNA-322 Controls the Response to Disrupted Endoplasmic Reticulum Calcium Homeostasis. Science Signaling, 2014, 7, ra54.	1.6	92
63	Pathogenic role of BECN1/Beclin 1 in the development of amyotrophic lateral sclerosis. Autophagy, 2014, 10, 1256-1271.	4.3	89
64	ER Dysfunction and Protein Folding Stress in ALS. International Journal of Cell Biology, 2013, 2013, 1-12.	1.0	88
65	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.	3.3	88
66	Protein disulfide isomerases in neurodegeneration: From disease mechanisms to biomedical applications. FEBS Letters, 2012, 586, 2826-2834.	1.3	87
67	The daily job of night killers: alternative roles of the BCL-2 family in organelle physiology. Trends in Cell Biology, 2008, 18, 38-44.	3.6	84
68	ER Proteostasis Control of Neuronal Physiology and Synaptic Function. Trends in Neurosciences, 2018, 41, 610-624.	4.2	80
69	Mystery solved: Trehalose kickstarts autophagy by blocking glucose transport. Science Signaling, 2016, 9, fs2.	1.6	79
70	Functional Contribution of the Transcription Factor ATF4 to the Pathogenesis of Amyotrophic Lateral Sclerosis. PLoS ONE, 2013, 8, e66672.	1.1	79
71	AAV-mediated delivery of the transcription factor XBP1s into the striatum reduces mutant Huntingtin aggregation in a mouse model of Huntingtonâ€™s disease. Biochemical and Biophysical Research Communications, 2012, 420, 558-563.	1.0	76
72	Activation of the unfolded protein response promotes axonal regeneration after peripheral nerve injury. Scientific Reports, 2016, 6, 21709.	1.6	76

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73	The Endoplasmic Reticulum Chaperone GRP78/BiP Modulates Prion Propagation in vitro and in vivo. Scientific Reports, 2017, 7, 44723.	1.6	73
74	Addicted to secrete â€“ novel concepts and targets in cancer therapy. Trends in Molecular Medicine, 2014, 20, 242-250.	3.5	72
75	Prion Protein Misfolding Affects Calcium Homeostasis and Sensitizes Cells to Endoplasmic Reticulum Stress. PLoS ONE, 2010, 5, e15658.	1.1	71
76	Functional Role of the Disulfide Isomerase ERp57 in Axonal Regeneration. PLoS ONE, 2015, 10, e0136620.	1.1	70
77	Identification of rare protein disulfide isomerase gene variants in amyotrophic lateral sclerosis patients. Gene, 2015, 566, 158-165.	1.0	70
78	Structure, organization and characterization of the gene cluster involved in the production of microcin E492, a channel-forming bacteriocin. Molecular Microbiology, 2008, 42, 229-243.	1.2	68
79	Hormesis. Autophagy, 2012, 8, 997-1001.	4.3	67
80	Is loss of function of the prion protein the cause of prion disorders?. Trends in Molecular Medicine, 2003, 9, 237-243.	3.5	66
81	Glucose Metabolism: A Sweet Relief of Alzheimerâ€™s Disease. Current Biology, 2016, 26, R806-R809.	1.8	62
82	Genotoxic stress triggers the activation of IRE1Î±-dependent RNA decay to modulate the DNA damage response. Nature Communications, 2020, 11, 2401.	5.8	62
83	Adapting the proteostasis capacity to sustain brain healthspan. Cell, 2021, 184, 1545-1560.	13.5	61
84	Emerging Roles of the Endoplasmic Reticulum Associated Unfolded Protein Response in Cancer Cell Migration and Invasion. Cancers, 2019, 11, 631.	1.7	60
85	Targeting the unfolded protein response for disease intervention. Expert Opinion on Therapeutic Targets, 2015, 19, 1203-1218.	1.5	59
86	Small Molecules to Improve ER Proteostasis in Disease. Trends in Pharmacological Sciences, 2019, 40, 684-695.	4.0	59
87	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.	1.9	58
88	Nonselective cation channels as effectors of free radicalâ€“induced rat liver cell necrosis. Hepatology, 2001, 33, 114-122.	3.6	57
89	Perturbation of Endoplasmic Reticulum Homeostasis Facilitates Prion Replication. Journal of Biological Chemistry, 2007, 282, 12725-12733.	1.6	57
90	Amyotrophic Lateral Sclerosis Pathogenesis: A Journey Through the Secretory Pathway. Antioxidants and Redox Signaling, 2010, 13, 1955-1989.	2.5	56

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91	Astrocytic Î±VÎ²3 Integrin Inhibits Neurite Outgrowth and Promotes Retraction of Neuronal Processes by Clustering Thy-1. PLoS ONE, 2012, 7, e34295.	1.1	56
92	When Endoplasmic Reticulum Proteostasis Meets the DNA Damage Response. Trends in Cell Biology, 2020, 30, 881-891.	3.6	55
93	Oxidative stress activates the c-Abl/p73 proapoptotic pathway in Niemann-Pick type C neurons. Neurobiology of Disease, 2011, 41, 209-218.	2.1	54
94	Role of the unfolded protein response in organ physiology: Lessons from mouse models. IUBMB Life, 2013, 65, 962-975.	1.5	54
95	Genome-wide circulating microRNA expression profiling reveals potential biomarkers for amyotrophic lateral sclerosis. Neurobiology of Aging, 2018, 64, 123-138.	1.5	53
96	Prion Replication Alters the Distribution of Synaptophysin and Caveolin 1 in Neuronal Lipid Rafts. American Journal of Pathology, 2004, 165, 1839-1848.	1.9	52
97	Brain organoids: a next step for humanized Alzheimerâ€™s disease models?. Molecular Psychiatry, 2019, 24, 474-478.	4.1	50
98	The Protein-disulfide Isomerase ERp57 Regulates the Steady-state Levels of the Prion Protein. Journal of Biological Chemistry, 2015, 290, 23631-23645.	1.6	48
99	Crosstalk between the UPR and autophagy pathway contributes to handling cellular stress in neurodegenerative disease. Autophagy, 2012, 8, 970-972.	4.3	47
100	Autophagosomes cooperate in the degradation of intracellular Câ€terminal fragments of the amyloid precursor protein via the MVB/lysosomal pathway. FASEB Journal, 2017, 31, 2446-2459.	0.2	47
101	Prion Pathogenesis is Independent of Caspase-12. Prion, 2007, 1, 243-247.	0.9	44
102	The intersection between growth factors, autophagy and ER stress: A new target to treat neurodegenerative diseases?. Brain Research, 2016, 1649, 173-180.	1.1	43
103	Insulin-like growth factor 2 (IGF2) protects against Huntingtonâ€™s disease through the extracellular disposal of protein aggregates. Acta Neuropathologica, 2020, 140, 737-764.	3.9	43
104	ERp57 in neurodegeneration and regeneration. Neural Regeneration Research, 2016, 11, 232.	1.6	43
105	Molecular Mechanisms of Neurotoxicity of Pathological Prion Protein. Current Molecular Medicine, 2004, 4, 397-403.	0.6	42
106	ER proteostasis addiction in cancer biology: Novel concepts. Seminars in Cancer Biology, 2015, 33, 40-47.	4.3	40
107	NFÎºB 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.	0.9	40
108	XBP-1 deficiency in the nervous system reveals a homeostatic switch to activate autophagy. Autophagy, 2009, 5, 1226-1228.	4.3	36

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109	Targeting of the unfolded protein response (UPR) as therapy for Parkinson's disease. Biology of the Cell, 2019, 111, 161-168.	0.7	36
110	PERK regulated miR-424(322)-503 cluster fine-tunes activation of IRE1 and ATF6 during Unfolded Protein Response. Scientific Reports, 2016, 5, 18304.	1.6	35
111	Proteostasis disturbance in amyotrophic lateral sclerosis. Human Molecular Genetics, 2017, 26, R91-R104.	1.4	35
112	The Unfolded Protein Response: At the Intersection between Endoplasmic Reticulum Function and Mitochondrial Bioenergetics. Frontiers in Oncology, 2017, 7, 55.	1.3	35
113	Gene Therapy Strategies to Restore ER Proteostasis in Disease. Molecular Therapy, 2018, 26, 1404-1413.	3.7	35
114	Targeting autophagy in ALS: A complex mission. Autophagy, 2011, 7, 450-453.	4.3	34
115	Altered Prion Protein Expression Pattern in CSF as a Biomarker for Creutzfeldt-Jakob Disease. PLoS ONE, 2012, 7, e36159.	1.1	34
116	Memory loss in Alzheimer's disease: are the alterations in the UPR network involved in the cognitive impairment?. Frontiers in Aging Neuroscience, 2014, 6, 8.	1.7	34
117	Abnormal calcium homeostasis and protein folding stress at the ER. Communicative and Integrative Biology, 2011, 4, 258-261.	0.6	33
118	Autophagy impairment: a crossroad between neurodegeneration and tauopathies. BMC Biology, 2012, 10, 78.	1.7	33
119	A BAX/BAK and Cyclophilin D-Independent Intrinsic Apoptosis Pathway. PLoS ONE, 2012, 7, e37782.	1.1	33
120	The ER proteostasis network in ALS: Determining the differential motoneuron vulnerability. Neuroscience Letters, 2017, 636, 9-15.	1.0	33
121	The UPRosome â€“ decoding novel biological outputs of IRE1Î± function. Journal of Cell Science, 2020, 133, .	1.2	33
122	Protein homeostasis networks in physiology and disease. Current Opinion in Cell Biology, 2011, 23, 123-125.	2.6	32
123	Herp depletion protects from protein aggregation by up-regulating autophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3295-3305.	1.9	32
124	Interplay Between the Unfolded Protein Response and Immune Function in the Development of Neurodegenerative Diseases. Frontiers in Immunology, 2018, 9, 2541.	2.2	32
125	Inflammation-associated suppression of metabolic gene networks in acute and chronic liver disease. Archives of Toxicology, 2020, 94, 205-217.	1.9	32
126	Control of systemic proteostasis by the nervous system. Trends in Cell Biology, 2015, 25, 1-10.	3.6	31

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127	Gene therapy to target ER stress in brain diseases. Brain Research, 2016, 1648, 561-570.	1.1	31
128	A Novel ER Stress-Independent Function of the UPR in Angiogenesis. Molecular Cell, 2014, 54, 542-544.	4.5	30
129	Mastering organismal aging through the endoplasmic reticulum proteostasis network. Aging Cell, 2020, 19, e13265.	3.0	30
130	Unspliced XBP1 controls autophagy through FoxO1. Cell Research, 2013, 23, 463-464.	5.7	29
131	ER Stress and Neurodegenerative Disease: A Cause or Effect Relationship?. Current Topics in Microbiology and Immunology, 2017, 414, 131-157.	0.7	29
132	Bax Inhibitor-1-mediated Ca2+ leak is decreased by cytosolic acidosis. Cell Calcium, 2013, 54, 186-192.	1.1	28
133	A new method to measure autophagy flux in the nervous system. Autophagy, 2014, 10, 710-714.	4.3	28
134	ER stress signaling and neurodegeneration: At the intersection between Alzheimer's disease and Prion-related disorders. Virus Research, 2015, 207, 69-75.	1.1	28
135	The biological meaning of the UPR. Nature Reviews Molecular Cell Biology, 2013, 14, 404-404.	16.1	25
136	ER proteostasis disturbances in Parkinson's disease: novel insights. Frontiers in Aging Neuroscience, 2015, 7, 39.	1.7	25
137	Enforced dimerization between XBP1s and ATF6f enhances the protective effects of the UPR in models of neurodegeneration. Molecular Therapy, 2021, 29, 1862-1882.	3.7	25
138	Common Ground: Stem Cell Approaches Find Shared Pathways Underlying ALS. Cell Stem Cell, 2014, 14, 697-699.	5.2	24
139	Turning off the unfolded protein response: An interplay between the apoptosis machinery and ER stress signaling. Cell Cycle, 2009, 8, 1641-1644.	1.3	23
140	Injury to the nervous system: A look into the ER. Brain Research, 2016, 1648, 617-625.	1.1	23
141	Cell death regulation by MAMs: from molecular mechanisms to therapeutic implications in cardiovascular diseases. Cell Death and Disease, 2022, 13, .	2.7	20
142	Caveolin-1 suppresses tumor formation through the inhibition of the unfolded protein response. Cell Death and Disease, 2020, 11, 648.	2.7	19
143	Acute Pannexin 1 Blockade Mitigates Early Synaptic Plasticity Defects in a Mouse Model of Alzheimerâ€™s Disease. Frontiers in Cellular Neuroscience, 2020, 14, 46.	1.8	19
144	The UPR as a survival factor of cancer cells: More than folding proteins?. Leukemia Research, 2009, 33, 880-882.	0.4	18

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145	Disulfide cross-linked multimers of TDP-43 and spinal motoneuronÂloss in a TDP-43A315T ALS/FTD mouse model. Scientific Reports, 2017, 7, 14266.	1.6	18
146	Fine-Tuning ER Stress Signal Transducers to Treat Amyotrophic Lateral Sclerosis. Frontiers in Molecular Neuroscience, 2017, 10, 216.	1.4	18
147	Emerging roles of the unfolded protein response (UPR) in the nervous system: A link with adaptive behavior to environmental stress?. International Review of Cell and Molecular Biology, 2020, 350, 29-61.	1.6	18
148	Drug repurposing to target proteostasis and prevent neurodegeneration: accelerating translational efforts. Brain, 2017, 140, 1544-1547.	3.7	17
149	Balancing energy and protein homeostasis at ER-mitochondria contact sites. Science Signaling, 2022, 15, .	1.6	17
150	Cyclosporine A binding to COX-2 reveals a novel signaling pathway that activates the IRE1Î± unfolded protein response sensor. Scientific Reports, 2018, 8, 16678.	1.6	16
151	Î²-catenin aggregation in models of ALS motor neurons: GSK3Î² inhibition effect and neuronal differentiation. Neurobiology of Disease, 2019, 130, 104497.	2.1	16
152	Fine-tuning PERK signaling to control cell fate under stress. Nature Structural and Molecular Biology, 2017, 24, 789-790.	3.6	16
153	A decay of the adaptive capacity of the unfolded protein response exacerbates Alzheimer's disease. Neurobiology of Aging, 2018, 63, 162-164.	1.5	15
154	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.	0.6	14
155	XBP-1 and the UPRosome: Mastering Secretory Cell Function. Current Immunology Reviews, 2008, 4, 1-10.	1.2	14
156	Autophagy meets fused in sarcoma-positive stress granules. Neurobiology of Aging, 2014, 35, 2832-2835.	1.5	14
157	Unraveling the role of motoneuron autophagy in ALS. Autophagy, 2018, 14, 733-737.	4.3	14
158	Control of lysosomal-mediated cell death by the pH-dependent calcium channel RECS1. Science Advances, 2021, 7, eabe5469.	4.7	14
159	The p75NTR neurotrophin receptor is required to organize the mature neuromuscular synapse by regulating synaptic vesicle availability. Acta Neuropathologica Communications, 2019, 7, 147.	2.4	13
160	Lack of Activation of the Unfolded Protein Response in Mouse and Cellular Models of Niemann-Pick Type C Disease. Neurodegenerative Diseases, 2011, 8, 124-128.	0.8	11
161	Alternative Functions of the BCL-2 Protein Family at the Endoplasmic Reticulum. Advances in Experimental Medicine and Biology, 2010, 687, 33-47.	0.8	11
162	ER stress sensing mechanism: Putting off the brake on UPR transducers. Oncotarget, 2018, 9, 19461-19462.	0.8	11

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163	Mutation in protein disulfide isomerase A3 causes neurodevelopmental defects by disturbing endoplasmic reticulum proteostasis. EMBO Journal, 2022, 41, e105531.	3.5	11
164	Critical roles of protein disulfide isomerases in balancing proteostasis in the nervous system. Journal of Biological Chemistry, 2022, 298, 102087.	1.6	11
165	Homeostatic interplay between FoxO proteins and ER proteostasis in cancer and other diseases. Seminars in Cancer Biology, 2018, 50, 42-52.	4.3	10
166	Protein disulfide isomerase ERp57 protects early muscle denervation in experimental ALS. Acta Neuropathologica Communications, 2021, 9, 21.	2.4	10
167	ER stress links aging to sporadic ALS. Aging, 2019, 11, 5-6.	1.4	10
168	Peroxisomes Get Loud: A Redox Antidote to Hearing Loss. Cell, 2015, 163, 790-791.	13.5	8
169	ERp57 as a novel cellular factor controlling prion protein biosynthesis: Therapeutic potential of protein disulfide isomerases. Prion, 2016, 10, 50-56.	0.9	8
170	(off)Targeting UPR signaling: the race toward intervening ER proteostasis. Expert Opinion on Therapeutic Targets, 2018, 22, 97-100.	1.5	8
171	Gene therapy in Parkinsonâ€²s disease: targeting the endoplasmic reticulum proteostasis network. Neural Regeneration Research, 2015, 10, 1053.	1.6	8
172	Stress-induced tyrosine phosphorylation of RtcB modulates IRE1 activity and signaling outputs. Life Science Alliance, 2022, 5, e202201379.	1.3	8
173	<scp>RESET</scp> ing <scp>ER</scp> proteostasis: selective stress pathway hidden in the secretory route. EMBO Journal, 2014, 33, 2444-2446.	3.5	7
174	Cell-Nonautonomous Control of the UPR: Mastering Energy Homeostasis. Cell Metabolism, 2014, 20, 385-387.	7.2	7
175	Targeting endoplasmic reticulum acetylation to restore proteostasis in Alzheimerâ€™s disease. Brain, 2016, 139, 650-652.	3.7	7
176	A new model to study cell-to-cell transfer of Î±Synuclein inÂvivo. Biochemical and Biophysical Research Communications, 2018, 503, 1385-1393.	1.0	7
177	A phenolic-rich extract from Ugni molinae berries reduces abnormal protein aggregation in a cellular model of Huntingtonâ€™s disease. PLoS ONE, 2021, 16, e0254834.	1.1	7
178	Paradoxical implication of BAX/BAK in the persistence of tetraploid cells. Cell Death and Disease, 2021, 12, 1039.	2.7	7
179	Proteostasis Impairment: At the Intersection between Alzheimerâ€™s Disease and Diabetes. Cell Metabolism, 2013, 18, 771-772.	7.2	6
180	Theme Series â€“ UPR in cancer. Seminars in Cancer Biology, 2015, 33, 1-2.	4.3	6

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181	<scp>RNA</scp> metabolism: putting the brake on the <scp>UPR</scp>. EMBO Reports, 2015, 16, 545-546.	2.0	6
182	Saved by the Matrix: UPR Independent Survival under ER Stress. Cell, 2019, 179, 1246-1248.	13.5	6
183	Simultaneous determination of intraluminal lysosomal calcium and pH by dextran-conjugated fluorescent dyes. Methods in Cell Biology, 2021, 165, 199-208.	0.5	6
184	DEF8 and Autophagy-Associated Genes Are Altered in Mild Cognitive Impairment, Probable Alzheimerâ€™s Disease Patients, and a Transgenic Model of the Disease. Journal of Alzheimer's Disease, 2021, 82, S163-S178.	1.2	6
185	Retinal Ganglion Cells Functional Changes in a Mouse Model of Alzheimerâ€™s Disease Are Linked with Neurotransmitter Alterations. Journal of Alzheimer's Disease, 2021, 82, S5-S18.	1.2	6
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