David Ron

List of Publications by Year
in descending order

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273	83,436	640 123	481 270
papers	citations	h-index	g-index

339	339	339	56855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Signal integration in the endoplasmic reticulum unfolded protein response. Nature Reviews Molecular Cell Biology, 2007, 8, 519-529.	16.1	5,491
2	The Unfolded Protein Response: From Stress Pathway to Homeostatic Regulation. Science, 2011, 334, 1081-1086.	6.0	4,768
3	Protein translation and folding are coupled by an endoplasmic-reticulum-resident kinase. Nature, 1999, 397, 271-274.	13.7	2,856
4	An Integrated Stress Response Regulates Amino Acid Metabolism and Resistance to Oxidative Stress. Molecular Cell, 2003, 11, 619-633.	4.5	2,791
5	Regulated Translation Initiation Controls Stress-Induced Gene Expression in Mammalian Cells. Molecular Cell, 2000, 6, 1099-1108.	4.5	2,743
6	Coupling of Stress in the ER to Activation of JNK Protein Kinases by Transmembrane Protein Kinase IRE1. Science, 2000, 287, 664-666.	6.0	2,595
7	IRE1 couples endoplasmic reticulum load to secretory capacity by processing the XBP-1 mRNA. Nature, 2002, 415, 92-96.	13.7	2,452
8	Dynamic interaction of BiP and ER stress transducers in the unfolded-protein response. Nature Cell Biology, 2000, 2, 326-332.	4.6	2,397
9	Integrating the mechanisms of apoptosis induced by endoplasmic reticulum stress. Nature Cell Biology, 2011, 13, 184-190.	4.6	2,171
10	CHOP is implicated in programmed cell death in response to impaired function of the endoplasmicÂreticulum. Genes and Development, 1998, 12, 982-995.	2.7	1,767
11	Perk Is Essential for Translational Regulation and Cell Survival during the Unfolded Protein Response. Molecular Cell, 2000, 5, 897-904.	4.5	1,746
12	CHOP induces death by promoting protein synthesis and oxidation in the stressed endoplasmic reticulum. Genes and Development, 2004, 18, 3066-3077.	2.7	1,648
13	SomaticCALRMutations in Myeloproliferative Neoplasms with NonmutatedJAK2. New England Journal of Medicine, 2013, 369, 2391-2405.	13.9	1,556
14	A Selective Inhibitor of eIF2Â Dephosphorylation Protects Cells from ER Stress. Science, 2005, 307, 935-939.	6.0	1,277
15	Feedback Inhibition of the Unfolded Protein Response by GADD34-Mediated Dephosphorylation of eIF2Î±. Journal of Cell Biology, 2001, 153, 1011-1022.	2.3	1,187
16	Diabetes Mellitus and Exocrine Pancreatic Dysfunction in Perkâ^'/â^' Mice Reveals a Role for Translational Control in Secretory Cell Survival. Molecular Cell, 2001, 7, 1153-1163.	4.5	1,081
17	GCN2 Kinase in T Cells Mediates Proliferative Arrest and Anergy Induction in Response to Indoleamine 2,3-Dioxygenase. Immunity, 2005, 22, 633-642.	6.6	1,077
18	CHOP, a novel developmentally regulated nuclear protein that dimerizes with transcription factors C/EBP and LAP and functions as a dominant-negative inhibitor of gene transcription.. Genes and Development, 1992, 6, 439-453.	2.7	1,055

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19	Fusion of CHOP to a novel RNA-binding protein in human myxoid liposarcoma. Nature, 1993, 363, 640-644.	13.7	859
20	A membrane protein complex mediates retro-translocation from the ER lumen into the cytosol. Nature, 2004, 429, 841-847.	13.7	858
21	Transcriptional and Translational Control in the Mammalian Unfolded Protein Response. Annual Review of Cell and Developmental Biology, 2002, 18, 575-599.	4.0	838
22	Endoplasmic Reticulum Stress Signaling in Disease. Physiological Reviews, 2006, 86, 1133-1149.	13.1	833
23	Stress-Induced Phosphorylation and Activation of the Transcription Factor CHOP (GADD153) by p38 MAP Kinase. Science, 1996, 272, 1347-1349.	6.0	819
24	Translation reinitiation at alternative open reading frames regulates gene expression in an integrated stress response. Journal of Cell Biology, 2004, 167, 27-33.	2.3	788
25	The endoplasmic reticulum is the site of cholesterol-induced cytotoxicity in macrophages. Nature Cell Biology, 2003, 5, 781-792.	4.6	780
26	ALS/FTD Mutation-Induced Phase Transition of FUS Liquid Droplets and Reversible Hydrogels into Irreversible Hydrogels Impairs RNP Granule Function. Neuron, 2015, 88, 678-690.	3.8	716
27	Cloning of mammalian Ire1 reveals diversity in the ER stress responses. EMBO Journal, 1998, 17, 5708-5717.	3.5	701
28	Signals from the Stressed Endoplasmic Reticulum Induce C/EBP-Homologous Protein (CHOP/GADD153). Molecular and Cellular Biology, 1996, 16, 4273-4280.	1.1	635
29	Translational control in the endoplasmic reticulum stress response. Journal of Clinical Investigation, 2002, 110, 1383-1388.	3.9	635
30	ER stress-regulated translation increases tolerance to extreme hypoxia and promotes tumor growth. EMBO Journal, 2005, 24, 3470-3481.	3.5	634
31	Linking of Autophagy to Ubiquitin-Proteasome System Is Important for the Regulation of Endoplasmic Reticulum Stress and Cell Viability. American Journal of Pathology, 2007, 171, 513-524.	1.9	621
32	Chop deletion reduces oxidative stress, improves Î² cell function, and promotes cell survival in multiple mouse models of diabetes. Journal of Clinical Investigation, 2008, 118, 3378-3389.	3.9	591
33	Translational Repression Mediates Activation of Nuclear Factor Kappa B by Phosphorylated Translation Initiation Factor 2. Molecular and Cellular Biology, 2004, 24, 10161-10168.	1.1	566
34	The GCN2-ATF4 pathway is critical for tumour cell survival and proliferation in response to nutrient deprivation. EMBO Journal, 2010, 29, 2082-2096.	3.5	535
35	Membrane lipid saturation activates endoplasmic reticulum unfolded protein response transducers through their transmembrane domains. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4628-4633.	3.3	524
36	Compartment-specific perturbation of protein handling activates genes encoding mitochondrial chaperones. Journal of Cell Science, 2004, 117, 4055-4066.	1.2	522

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37	Endoplasmic Reticulum Stress and the Unfolded Protein Response in Cellular Models of Parkinson's Disease. Journal of Neuroscience, 2002, 22, 10690-10698.	1.7	515
38	Role of ERO1-Î±â€“mediated stimulation of inositol 1,4,5-triphosphate receptor activity in endoplasmic reticulum stressâ€“induced apoptosis. Journal of Cell Biology, 2009, 186, 783-792.	2.3	499
39	ClpP Mediates Activation of a Mitochondrial Unfolded Protein Response in C. elegans. Developmental Cell, 2007, 13, 467-480.	3.1	497
40	The molecular basis for selective inhibition of unconventional mRNA splicing by an IRE1-binding small molecule. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E869-78.	3.3	476
41	Selective Inhibition of a Regulatory Subunit of Protein Phosphatase 1 Restores Proteostasis. Science, 2011, 332, 91-94.	6.0	475
42	The gadd and MyD genes define a novel set of mammalian genes encoding acidic proteins that synergistically suppress cell growth.. Molecular and Cellular Biology, 1994, 14, 2361-2371.	1.1	471
43	Activating Transcription Factor 3 Is Integral to the Eukaryotic Initiation Factor 2 Kinase Stress Response. Molecular and Cellular Biology, 2004, 24, 1365-1377.	1.1	436
44	The Matrix Peptide Exporter HAF-1 Signals a Mitochondrial UPR by Activating the Transcription Factor ZC376.7 in C. elegans. Molecular Cell, 2010, 37, 529-540.	4.5	432
45	The mitochondrial UPR â€“ protecting organelle protein homeostasis. Journal of Cell Science, 2010, 123, 3849-3855.	1.2	428
46	Translational control in the endoplasmic reticulum stress response. Journal of Clinical Investigation, 2002, 110, 1383-1388.	3.9	418
47	Stress-induced gene expression requires programmed recovery from translational repression. EMBO Journal, 2003, 22, 1180-1187.	3.5	409
48	Endoplasmic Reticulum Stress and the Development of Diabetes: A Review. Diabetes, 2002, 51, S455-S461.	0.3	408
49	Dephosphorylation of Translation Initiation Factor 2Î± Enhances Glucose Tolerance and Attenuates Hepatosteatosis in Mice. Cell Metabolism, 2008, 7, 520-532.	7.2	389
50	Activating Transcription Factor 4 Is Translationally Regulated by Hypoxic Stress. Molecular and Cellular Biology, 2004, 24, 7469-7482.	1.1	381
51	Increased sensitivity to dextran sodium sulfate colitis in IRE1Î²-deficient mice. Journal of Clinical Investigation, 2001, 107, 585-593.	3.9	353
52	Translational control of hippocampal synaptic plasticity and memory by the eIF2Î± kinase GCN2. Nature, 2005, 436, 1166-1170.	13.7	344
53	Cytoprotection by pre-emptive conditional phosphorylation of translation initiation factor 2. EMBO Journal, 2004, 23, 169-179.	3.5	337
54	Control of PERK eIF2Â kinase activity by the endoplasmic reticulum stress-induced molecular chaperone P58IPK. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15920-15925.	3.3	330

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55	GDF15 mediates the effects of metformin on body weight and energy balance. Nature, 2020, 578, 444-448.	13.7	326
56	Ubiquitin-Like Protein 5 Positively Regulates Chaperone Gene Expression in the Mitochondrial Unfolded Protein Response. Genetics, 2006, 174, 229-239.	1.2	319
57	ERAD inhibitors integrate ER stress with an epigenetic mechanism to activate BH3-only protein NOXA in cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2200-2205.	3.3	305
58	Reduced Apoptosis and Plaque Necrosis in Advanced Atherosclerotic Lesions of Apoeâ^'/â^' and Ldlrâ^'/â^' Mice Lacking CHOP. Cell Metabolism, 2009, 9, 474-481.	7.2	303
59	TLS (FUS) binds RNA in vivo and engages in nucleo-cytoplasmic shuttling. Journal of Cell Science, 1997, 110, 1741-1750.	1.2	302
60	CHOP (GADD153) and its oncogenic variant, TLS-CHOP, have opposing effects on the induction of G1/S arrest.. Genes and Development, 1994, 8, 453-464.	2.7	293
61	C2 Region-derived Peptides Inhibit Translocation and Function of Î² Protein Kinase C in Vivo. Journal of Biological Chemistry, 1995, 270, 24180-24187.	1.6	293
62	Infectious tolerance via the consumption of essential amino acids and mTOR signaling. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12055-12060.	3.3	293
63	Role for Activating Transcription Factor 3 in Stress-Induced Î²-Cell Apoptosis. Molecular and Cellular Biology, 2004, 24, 5721-5732.	1.1	287
64	GDF15 Provides an Endocrine Signal of Nutritional Stress in Mice and Humans. Cell Metabolism, 2019, 29, 707-718.e8.	7.2	286
65	Identification of novel stress-induced genes downstream of chop. EMBO Journal, 1998, 17, 3619-3630.	3.5	285
66	Rearrangement of the transcription factor geneCHOP in myxoid liposarcomas with t(12;16)(q13;p11). Genes Chromosomes and Cancer, 1992, 5, 278-285.	1.5	284
67	Stress-Induced Binding of the Transcription Factor CHOP to a Novel DNA Control Element. Molecular and Cellular Biology, 1996, 16, 1479-1489.	1.1	282
68	Inhibition of a constitutive translation initiation factor 2Î± phosphatase, CReP, promotes survival of stressed cells. Journal of Cell Biology, 2003, 163, 767-775.	2.3	282
69	Oxidative Protein Folding by an Endoplasmic Reticulum-Localized Peroxiredoxin. Molecular Cell, 2010, 40, 787-797.	4.5	269
70	Divergent Effects of PERK and IRE1 Signaling on Cell Viability. PLoS ONE, 2009, 4, e4170.	1.1	265
71	CHOP/GADD153 is a mediator of apoptotic death in substantia nigra dopamine neurons in an in vivo neurotoxin model of parkinsonism. Journal of Neurochemistry, 2005, 95, 974-986.	2.1	264
72	Perk-Dependent Translational Regulation Promotes Tumor Cell Adaptation and Angiogenesis in Response to Hypoxic Stress. Molecular and Cellular Biology, 2006, 26, 9517-9532.	1.1	264

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73	Partial restoration of protein synthesis rates by the small molecule ISRIB prevents neurodegeneration without pancreatic toxicity. Cell Death and Disease, 2015, 6, e1672-e1672.	2.7	260
74	C/ATF, a member of the activating transcription factor family of DNA-binding proteins, dimerizes with CAAT/enhancer-binding proteins and directs their binding to cAMP response elements.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 4679-4683.	3.3	251
75	A novel effector domain from the RNA-binding protein TLS or EWS is required for oncogenic transformation by CHOP.. Genes and Development, 1994, 8, 2513-2526.	2.7	246
76	Activation of GCN2 in UV-Irradiated Cells Inhibits Translation. Current Biology, 2002, 12, 1279-1286.	1.8	245
77	Ablation of the UPR-Mediator CHOP Restores MotorÂFunction and Reduces Demyelination inÂCharcot-Marie-Tooth 1B Mice. Neuron, 2008, 57, 393-405.	3.8	245
78	Adaptive suppression of the ATF4â€“CHOP branch of the unfolded protein response by toll-like receptor signalling. Nature Cell Biology, 2009, 11, 1473-1480.	4.6	241
79	Mammalian stress granules represent sites of accumulation of stalled translation initiation complexes. American Journal of Physiology - Cell Physiology, 2003, 284, C273-C284.	2.1	235
80	Ppp1r15 gene knockout reveals an essential role for translation initiation factor 2 alpha (eIF2Î±) dephosphorylation in mammalian development. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1832-1837.	3.3	230
81	Heat Shock Protein 90 Modulates the Unfolded Protein Response by Stabilizing IRE1Î±. Molecular and Cellular Biology, 2002, 22, 8506-8513.	1.1	229
82	IRE1 and efferent signaling from the endoplasmic reticulum. Journal of Cell Science, 2000, 113, 3697-3702.	1.2	227
83	Cotranslocational Degradation Protects the Stressed Endoplasmic Reticulum from Protein Overload. Cell, 2006, 126, 727-739.	13.5	221
84	Transcriptional Regulation of VEGF-A by the Unfolded Protein Response Pathway. PLoS ONE, 2010, 5, e9575.	1.1	218
85	The gadd and MyD Genes Define a Novel Set of Mammalian Genes Encoding Acidic Proteins That Synergistically Suppress Cell Growth. Molecular and Cellular Biology, 1994, 14, 2361-2371.	1.1	213
86	Lipid-dependent regulation of the unfolded protein response. Current Opinion in Cell Biology, 2015, 33, 67-73.	2.6	211
87	Inhibition of adipogenesis by the stress-induced protein CHOP (Gadd153).. EMBO Journal, 1995, 14, 4654-4661.	3.5	210
88	Brain ischemia and reperfusion activates the eukaryotic initiation factor 2Î± kinase, PERK. Journal of Neurochemistry, 2001, 77, 1418-1421.	2.1	209
89	How IRE1 Reacts to ER Stress. Cell, 2008, 132, 24-26.	13.5	209
90	ERO1-Î², a pancreas-specific disulfide oxidase, promotes insulin biogenesis and glucose homeostasis. Journal of Cell Biology, 2010, 188, 821-832.	2.3	208

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91	ATF4 mediation of NF1 functions in osteoblast revealsÂa nutritional basis for congenital skeletal dysplasiae. Cell Metabolism, 2006, 4, 441-451.	7.2	204
92	Male sterility and enhanced radiation sensitivity in TLS-/- mice. EMBO Journal, 2000, 19, 453-462.	3.5	198
93	Mutations in a translation initiation factor identify the target of a memory-enhancing compound. Science, 2015, 348, 1027-1030.	6.0	195
94	An autoregulatory region in protein kinase C: the pseudoanchoring site.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 492-496.	3.3	191
95	Transmission of cell stress from endoplasmic reticulum to mitochondria. Journal of Cell Biology, 2002, 157, 1151-1160.	2.3	189
96	The GCN2 kinase biases feeding behavior to maintain amino acid homeostasis in omnivores. Cell Metabolism, 2005, 1, 273-277.	7.2	188
97	Interferon-Î³ inhibits central nervous system remyelination through a process modulated by endoplasmic reticulum stress. Brain, 2006, 129, 1306-1318.	3.7	185
98	Amino Acid Limitation Induces Expression of CHOP, a CCAAT/Enhancer Binding Protein-related Gene, at Both Transcriptional and Post-transcriptional Levels. Journal of Biological Chemistry, 1997, 272, 17588-17593.	1.6	184
99	A survival pathway for Caenorhabditis elegans with a blocked unfolded protein response. Journal of Cell Biology, 2002, 158, 639-646.	2.3	181
100	Vaccine Activation of the Nutrient Sensor GCN2 in Dendritic Cells Enhances Antigen Presentation. Science, 2014, 343, 313-317.	6.0	181
101	Endoplasmic reticulum stress modulates the response of myelinating oligodendrocytes to the immune cytokine interferon-Î³. Journal of Cell Biology, 2005, 169, 603-612.	2.3	179
102	A J-Protein Co-chaperone Recruits BiP to Monomerize IRE1 and Repress the Unfolded Protein Response. Cell, 2017, 171, 1625-1637.e13.	13.5	176
103	Flavonol Activation Defines an Unanticipated Ligand-Binding Site in the Kinase-RNase Domain of IRE1. Molecular Cell, 2010, 38, 291-304.	4.5	173
104	A family of constitutive C/EBP-like DNA binding proteins attenuate the IL-1 alpha induced, NF kappa B mediated trans-activation of the angiotensinogen gene acute-phase response element.. EMBO Journal, 1990, 9, 3933-3944.	3.5	170
105	Antiviral effect of the mammalian translation initiation factor 2Î± kinase GCN2 against RNA viruses. EMBO Journal, 2006, 25, 1730-1740.	3.5	170
106	The integrated stress response prevents demyelination by protecting oligodendrocytes against immune-mediated damage. Journal of Clinical Investigation, 2007, 117, 448-456.	3.9	166
107	TLS (FUS) binds RNA in vivo and engages in nucleo-cytoplasmic shuttling. Journal of Cell Science, 1997, 110 (Pt 15), 1741-50.	1.2	164
108	Pharmacological targeting of endoplasmic reticulum stress in disease. Nature Reviews Drug Discovery, 2022, 21, 115-140.	21.5	162

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109	Structural basis by which alternative splicing confers specificity in fibroblast growth factor receptors. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2266-2271.	3.3	161
110	Binding of ISRIB reveals a regulatory site in the nucleotide exchange factor eIF2B. Science, 2018, 359, 1533-1536.	6.0	157
111	The ER stress transducer IRE1Î² is required for airway epithelial mucin production. Mucosal Immunology, 2013, 6, 639-654.	2.7	152
112	Role for the obesity-related FTO gene in the cellular sensing of amino acids. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2557-2562.	3.3	150
113	Human 75-kDa DNA-pairing Protein Is Identical to the Pro-oncoprotein TLS/FUS and Is Able to Promote D-loop Formation. Journal of Biological Chemistry, 1999, 274, 34337-34342.	1.6	148
114	Activation-dependent substrate recruitment by the eukaryotic translation initiation factor 2 kinase PERK. Journal of Cell Biology, 2006, 172, 201-209.	2.3	146
115	Expression Patterns of the Human Sarcoma-Associated GenesFUSandEWSand the Genomic Structure ofFUS. Genomics, 1996, 37, 1-8.	1.3	144
116	Defective ATG16L1-mediated removal of IRE1Î± drives Crohnâ€™s diseaseâ€“like ileitis. Journal of Experimental Medicine, 2017, 214, 401-422.	4.2	141
117	Negative feedback by IRE1Î² optimizes mucin production in goblet cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2864-2869.	3.3	138
118	Upregulation of BiP and CHOP by the unfolded-protein response is independent of presenilin expression. Nature Cell Biology, 2000, 2, 863-870.	4.6	136
119	Disulphide production by Ero1Î±â€“PDI relay is rapid and effectively regulated. EMBO Journal, 2010, 29, 3318-3329.	3.5	136
120	Tumor necrosis factor-induced reversal of adipocytic phenotype of 3T3-L1 cells is preceded by a loss of nuclear CCAAT/enhancer binding protein (C/EBP).. Journal of Clinical Investigation, 1992, 89, 223-233.	3.9	134
121	Early Events in the Endoplasmic Reticulum Unfolded Protein Response. Cold Spring Harbor Perspectives in Biology, 2019, 11, a033894.	2.3	132
122	Inhibition of Nonsense-Mediated RNA Decay by the Tumor Microenvironment Promotes Tumorigenesis. Molecular and Cellular Biology, 2011, 31, 3670-3680.	1.1	131
123	New Insights into Translational Regulation in the Endoplasmic Reticulum Unfolded Protein Response. Cold Spring Harbor Perspectives in Biology, 2012, 4, a012278-a012278.	2.3	131
124	Ero1-Î± and PDIs constitute a hierarchical electron transfer network of endoplasmic reticulum oxidoreductases. Journal of Cell Biology, 2013, 202, 861-874.	2.3	131
125	CHOP-Dependent Stress-Inducible Expression of a Novel Form of Carbonic Anhydrase VI. Molecular and Cellular Biology, 1999, 19, 495-504.	1.1	130
126	IRE1Î² Inhibits Chylomicron Production by Selectively Degrading MTP mRNA. Cell Metabolism, 2008, 7, 445-455.	7.2	130

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127	An inducible 50-kilodalton NF kappa B-like protein and a constitutive protein both bind the acute-phase response element of the angiotensinogen gene.. Molecular and Cellular Biology, 1990, 10, 1023-1032.	1.1	129
128	Proteotoxicity in the endoplasmic reticulum: lessons from the Akita diabetic mouse. Journal of Clinical Investigation, 2002, 109, 443-445.	3.9	126
129	Regulated association of misfolded endoplasmic reticulum lumenal proteins with P58/DNAJc3. EMBO Journal, 2008, 27, 2862-2872.	3.5	122
130	Inhibition of CHOP translation by a peptide encoded by an open reading frame localized in the chop 5'UTR. Nucleic Acids Research, 2001, 29, 4341-4351.	6.5	118
131	Death Protein 5 and p53-Upregulated Modulator of Apoptosis Mediate the Endoplasmic Reticulum Stressâ€"Mitochondrial Dialog Triggering Lipotoxic Rodent and Human Î²-Cell Apoptosis. Diabetes, 2012, 61, 2763-2775.	0.3	118
132	pGSTag--a versatile bacterial expression plasmid for enzymatic labeling of recombinant proteins. BioTechniques, 1992, 13, 866-9.	0.8	117
133	Resetting translational homeostasis restores myelination in Charcot-Marie-Tooth disease type 1B mice. Journal of Experimental Medicine, 2013, 210, 821-838.	4.2	115
134	The structure of the PERK kinase domain suggests the mechanism for its activation. Acta Crystallographica Section D: Biological Crystallography, 2011, 67, 423-428.	2.5	112
135	Endoplasmic Reticulum Thiol Oxidase Deficiency Leads to Ascorbic Acid Depletion and Noncanonical Scurvy in Mice. Molecular Cell, 2012, 48, 39-51.	4.5	103
136	AMPylation matches BiP activity to client protein load in the endoplasmic reticulum. ELife, 2015, 4, e12621.	2.8	101
137	Inhibition of adipogenesis by the stress-induced protein CHOP (Gadd153). EMBO Journal, 1995, 14, 4654-61.	3.5	100
138	TLS (Translocated-in-Liposarcoma) Is a High-Affinity Interactor for Steroid, Thyroid Hormone, and Retinoid Receptors. Molecular Endocrinology, 1998, 12, 4-18.	3.7	99
139	An Arsenite-Inducible 19S Regulatory Particle-Associated Protein Adapts Proteasomes to Proteotoxicity. Molecular Cell, 2006, 23, 875-885.	4.5	99
140	Keratin 10 Gene Expression during Differentiation of Mouse Epidermis Requires Transcription Factors C/EBP and AP-2. Developmental Biology, 1999, 216, 164-181.	0.9	98
141	The dynamic ER: experimental approaches and current questions. Current Opinion in Cell Biology, 2005, 17, 409-414.	2.6	98
142	Proteotoxicity in the endoplasmic reticulum: lessons from the Akita diabetic mouse. Journal of Clinical Investigation, 2002, 109, 443-445.	3.9	98
143	Proteasomal adaptation to environmental stress links resistance to proteotoxicity with longevity in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7094-7099.	3.3	96
144	IRE1 and efferent signaling from the endoplasmic reticulum. Journal of Cell Science, 2000, 113 Pt 21, 3697-702.	1.2	96

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145	Protein-Folding Homeostasis in the Endoplasmic Reticulum and Nutritional Regulation. Cold Spring Harbor Perspectives in Biology, 2012, 4, a013177-a013177.	2.3	95
146	ADP ribosylation adapts an ER chaperone response to short-term fluctuations in unfolded protein load. Journal of Cell Biology, 2012, 198, 371-385.	2.3	93
147	ISRIB Blunts the Integrated Stress Response by Allosterically Antagonising the Inhibitory Effect of Phosphorylated eIF2 on eIF2B. Molecular Cell, 2021, 81, 88-103.e6.	4.5	93
148	The ribosomal P-stalk couples amino acid starvation to GCN2 activation in mammalian cells. ELife, 2019, 8, .	2.8	93
149	Enhanced Integrated Stress Response Promotes Myelinating Oligodendrocyte Survival in Response to Interferon-Î³. American Journal of Pathology, 2008, 173, 1508-1517.	1.9	91
150	A Small Molecule Inhibitor of Endoplasmic Reticulum Oxidation 1 (ERO1) with Selectively Reversible Thiol Reactivity. Journal of Biological Chemistry, 2010, 285, 20993-21003.	1.6	91
151	Uncoupling Proteostasis and Development in Vitro with a Small Molecule Inhibitor of the Pancreatic Endoplasmic Reticulum Kinase, PERK. Journal of Biological Chemistry, 2012, 287, 44338-44344.	1.6	91
152	Oligodendrocyte-Specific Activation of PERK Signaling Protects Mice against Experimental Autoimmune Encephalomyelitis. Journal of Neuroscience, 2013, 33, 5980-5991.	1.7	91
153	Lifetime imaging of a fluorescent protein sensor reveals surprising stability of ER thiol redox. Journal of Cell Biology, 2013, 201, 337-349.	2.3	91
154	PPP1R15A-mediated dephosphorylation of eIF2Î± is unaffected by Sephin1 or Guanabenz. ELife, 2017, 6, .	2.8	88
155	Single particle trajectories reveal active endoplasmic reticulum luminal flow. Nature Cell Biology, 2018, 20, 1118-1125.	4.6	86
156	The endoplasmic reticulum stress response in the pancreatic Î²â€cell. Diabetes, Obesity and Metabolism, 2010, 12, 48-57.	2.2	84
157	Alteration of the unfolded protein response modifies neurodegeneration in a mouse model of Marinescoâ€“SjÃ¶gren syndrome. Human Molecular Genetics, 2010, 19, 25-35.	1.4	83
158	Amino acid limitation regulatesCHOPexpression through a specific pathway independent of the unfolded protein response. FEBS Letters, 1999, 448, 211-216.	1.3	82
159	FICD acts bifunctionally to AMPylate and de-AMPylate the endoplasmic reticulum chaperone BiP. Nature Structural and Molecular Biology, 2017, 24, 23-29.	3.6	81
160	Angiotensinogen gene-inducible enhancer-binding protein 1, a member of a new family of large nuclear proteins that recognize nuclear factor kappa B-binding sites through a zinc finger motif.. Molecular and Cellular Biology, 1991, 11, 2887-2895.	1.1	77
161	Heightened stress response in primary fibroblasts expressing mutant eIF2B genes from CACH/VWM leukodystrophy patients. Human Genetics, 2005, 118, 99-106.	1.8	77
162	Actin dynamics tune the integrated stress response by regulating eukaryotic initiation factor 2Î± dephosphorylation. ELife, 2015, 4, .	2.8	73

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163	Increased Insulin-Like Growth Factor II Production and Consequent Suppression of Growth Hormone Secretion: A Dual Mechanism for Tumor-Induced Hypoglycemia. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 701-706.	1.8	72
164	Characterization of phosphopeptides from protein digests using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and nanoelectrospray quadrupole time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2001, 15, 1693-1700.	0.7	72
165	MANF antagonizes nucleotide exchange by the endoplasmic reticulum chaperone BiP. Nature Communications, 2019, 10, 541.	5.8	72
166	A Missense Mutation in PPP1R15B Causes a Syndrome Including Diabetes, Short Stature, and Microcephaly. Diabetes, 2015, 64, 3951-3962.	0.3	71
167	A family of constitutive C/EBP-like DNA binding proteins attenuate the IL-1 alpha induced, NF kappa B mediated trans-activation of the angiotensinogen gene acute-phase response element. EMBO Journal, 1990, 9, 3933-44.	3.5	71
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