Jeffrey L Brodsky

List of Publications by Year
in descending order

184 papers	12,613 citations	20759 60 h-index	27345 106 g-index
188 all docs	188 docs citations	188 times ranked	11749 citing authors

#	Article	IF	Citations
1	Paraoxonase 2 is an ER chaperone that regulates the epithelial Na⁺ channel. American Journal of Physiology - Cell Physiology, 2022, 322, C111-C121.	2.1	4
2	A positive genetic selection for transmembrane domain mutations in HRD1 underscores the importance of Hrd1 complex integrity during ERAD. Current Genetics, 2022, 68, 227-242.	0.8	3
3	The molecular chaperone GRP170 protects against ER stress and acute kidney injury in mice. JCI Insight, 2022, 7, .	2.3	11
4	Hsp40s play distinct roles during the initial stages of apolipoprotein B biogenesis. Molecular Biology of the Cell, 2022, 33, mbcE21090436.	0.9	4
5	Proteasome activity modulates amyloid toxicity. FEMS Yeast Research, 2022, 22, .	1.1	1
6	A campaign targeting a conserved Hsp70 binding site uncovers how subcellular localization is linked to distinct biological activities. Cell Chemical Biology, 2022, 29, 1303-1316.e3.	2.5	7
7	Unique integrated stress response sensors regulate cancer cell susceptibility when Hsp70 activity is compromised. ELife, 2021, 10, .	2.8	12
8	Distinct classes of misfolded proteins differentially affect the growth of yeast compromised for proteasome function. FEBS Letters, 2021, 595, 2383-2394.	1.3	4
9	TorsinA folding and N-linked glycosylation are sensitive to redox homeostasis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119073.	1.9	2
10	ER-Phagy, ER Homeostasis, and ER Quality Control: Implications for Disease. Trends in Biochemical Sciences, 2021, 46, 630-639.	3.7	65
11	Synthesis and evaluation of bifunctional PTP4A3 phosphatase inhibitors activating the ER stress pathway. Bioorganic and Medicinal Chemistry Letters, 2021, 46, 128167.	1.0	3
12	The Targeting of Native Proteins to the Endoplasmic Reticulum-Associated Degradation (ERAD) Pathway: An Expanding Repertoire of Regulated Substrates. Biomolecules, 2021, 11, 1185.	1.8	21
13	Improved correction of F508del-CFTR biogenesis with a folding facilitator and an inhibitor of protein ubiquitination. Bioorganic and Medicinal Chemistry Letters, 2021, 48, 128243.	1.0	6
14	Heat Shock Protein 70 as a Sex-Skewed Regulator of Î±-Synucleinopathy. Neurotherapeutics, 2021, 18, 2541-2564.	2.1	5
15	Substrate ubiquitination retains misfolded membrane proteins in the endoplasmic reticulum for degradation. Cell Reports, 2021, 36, 109717.	2.9	9
16	SLC26A9 is selected for endoplasmic reticulum associated degradation (ERAD) via Hsp70-dependent targeting of the soluble STAS domain. Biochemical Journal, 2021, , .	1.7	4
17	Direct involvement of Hsp70 ATP hydrolysis in Ubr1-dependent quality control. Molecular Biology of the Cell, 2020, 31, 2669-2686.	0.9	13
18	The Capture of a Disabled Proteasome Identifies Erg25 as a Substrate for Endoplasmic Reticulum Associated Degradation. Molecular and Cellular Proteomics, 2020, 19, 1896-1909.	2.5	5

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19	Ubiquitination of disease-causing CFTR variants in a microsome-based assay. Analytical Biochemistry, 2020, 604, 113829.	1.1	2
20	Unlocking the door for ERAD. Nature Cell Biology, 2020, 22, 263-265.	4.6	5
21	Synthesis and Selective Functionalization of Thiadiazine 1,1-Dioxides with Efficacy in a Model of Huntingtonâ€™s Disease. ACS Medicinal Chemistry Letters, 2020, 11, 984-990.	1.3	7
22	Regulation of CFTR Biogenesis by the Proteostatic Network and Pharmacological Modulators. International Journal of Molecular Sciences, 2020, 21, 452.	1.8	31
23	Complementary computational and experimental evaluation of missense variants in the ROMK potassium channel. PLoS Computational Biology, 2020, 16, e1007749.	1.5	6
24	Epithelial Ion Channel Folding and ER-Associated Degradation (ERAD). Physiology in Health and Disease, 2020, , 207-247.	0.2	0
25	Harmonizing Experimental Data with Modeling to Predict Membrane Protein Insertion in Yeast. Biophysical Journal, 2019, 117, 668-678.	0.2	4
26	A COPII subunit acts with an autophagy receptor to target endoplasmic reticulum for degradation. Science, 2019, 365, 53-60.	6.0	114
27	Protein quality control in the secretory pathway. Journal of Cell Biology, 2019, 218, 3171-3187.	2.3	264
28	S-Nitrosylation of CHIP Enhances F508Del-CFTR Maturation. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 765-775.	1.4	7
29	Chaperoning Endoplasmic Reticulumâ€“Associated Degradation (ERAD) and Protein Conformational Diseases. Cold Spring Harbor Perspectives in Biology, 2019, 11, a033928.	2.3	100
30	Exploring the Functional Consequences of Protein Backbone Alteration in Ubiquitin through Native Chemical Ligation. ChemBioChem, 2019, 20, 2346-2350.	1.3	5
31	Hsp104 facilitates the endoplasmicâ€reticulumâ€“associated degradation of diseaseâ€associated and aggregationâ€prone substrates. Protein Science, 2019, 28, 1290-1306.	3.1	16
32	Synthesis and evaluation of esterified Hsp70 agonists in cellular models of protein aggregation and folding. Bioorganic and Medicinal Chemistry, 2019, 27, 79-91.	1.4	17
33	Substrate Insolubility Dictates Hsp104-Dependent Endoplasmic-Reticulum-Associated Degradation. Molecular Cell, 2018, 70, 242-253.e6.	4.5	27
34	Can modulators of apolipoproteinB biogenesis serve as an alternate target for cholesterol-lowering drugs?. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 762-771.	1.2	12
35	The endosomal trafficking factors CORVET and ESCRT suppress plasma membrane residence of the renal outer medullary potassium channel (ROMK). Journal of Biological Chemistry, 2018, 293, 3201-3217.	1.6	13
36	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. Circulation Research, 2018, 122, 568-582.	2.0	35

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37	Epithelial sodium channel biogenesis and quality control in the early secretory pathway. Current Opinion in Nephrology and Hypertension, 2018, 27, 364-372.	1.0	17
38	Thumb domains of the three epithelial Na+ channel subunits have distinct functions. Journal of Biological Chemistry, 2018, 293, 17582-17592.	1.6	6
39	Adapting to stress â€" chaperome networks in cancer. Nature Reviews Cancer, 2018, 18, 562-575.	12.8	105
40	Select Î±-arrestins control cell-surface abundance of the mammalian Kir2.1 potassium channel in a yeast model. Journal of Biological Chemistry, 2018, 293, 11006-11021.	1.6	17
41	The ER membrane protein complex interacts cotranslationally to enable biogenesis of multipass membrane proteins. ELife, 2018, 7, .	2.8	160
42	The degradation pathway of a model misfolded protein is determined by aggregation propensity. Molecular Biology of the Cell, 2018, 29, 1422-1434.	0.9	24
43	Compensation of select proteostasis networks after Hsp70 inhibition in cancer. Journal of Cell Science, 2018, 131, .	1.2	16
44	Investigating Potassium Channels in Budding Yeast: A Genetic Sandbox. Genetics, 2018, 209, 637-650.	1.2	9
45	The evolving role of ubiquitin modification in endoplasmic reticulum-associated degradation. Biochemical Journal, 2017, 474, 445-469.	1.7	123
46	Endoplasmic reticulumâ€"associated degradation of the renal potassium channel, ROMK, leads to type II Bartter syndrome. Journal of Biological Chemistry, 2017, 292, 12813-12827.	1.6	35
47	Transmembrane helix hydrophobicity is an energetic barrier during the retrotranslocation of integral membrane ERAD substrates. Molecular Biology of the Cell, 2017, 28, 2076-2090.	0.9	22
48	UBE3B Is a Calmodulin-regulated, Mitochondrion-associated E3 Ubiquitin Ligase. Journal of Biological Chemistry, 2017, 292, 2470-2484.	1.6	33
49	Interactions between intersubunit transmembrane domains regulate the chaperone-dependent degradation of an oligomeric membrane protein. Biochemical Journal, 2017, 474, 357-376.	1.7	23
50	Guardians of the ERAD Galaxy. Cell, 2017, 171, 267-268.	13.5	7
51	N-Acetyl-l-Cysteine Protects Astrocytes against Proteotoxicity without Recourse to Glutathione. Molecular Pharmacology, 2017, 92, 564-575.	1.0	25
52	Symmetry breaking during homodimeric assembly activates an E3 ubiquitin ligase. Scientific Reports, 2017, 7, 1789.	1.6	17
53	A novel high-throughput yeast genetic screen for factors modifying protein levels of the Early-Onset Torsion Dystonia-associated variant torsinAÎ"E. DMM Disease Models and Mechanisms, 2017, 10, 1129-1140.	1.2	11
54	Linking chanelopathies with endoplasmic reticulum associated degradation. Channels, 2017, 11, 499-501.	1.5	5

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55	Structural Basis for the Inhibitory Effects of Ubistatins in the Ubiquitin-Proteasome Pathway. Structure, 2017, 25, 1839-1855.e11.	1.6	15
56	Targeting protein quality control pathways in breast cancer. BMC Biology, 2017, 15, 109.	1.7	27
57	Trafficking and function of the cystic fibrosis transmembrane conductance regulator: a complex network of posttranslational modifications. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L719-L733.	1.3	28
58	Dihydropyrimidinones and -thiones with improved activity against human polyomavirus family members. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5087-5091.	1.0	21
59	Combined chemicalâ€“genetic approach identifies cytosolic HSP70 dependence in rhabdomyosarcoma. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9015-9020.	3.3	33
60	From CFTR biology toward combinatorial pharmacotherapy: expanded classification of cystic fibrosis mutations. Molecular Biology of the Cell, 2016, 27, 424-433.	0.9	446
61	Increasing the Endoplasmic Reticulum Pool of the F508del Allele of the Cystic Fibrosis Transmembrane Conductance Regulator Leads to Greater Folding Correction by Small Molecule Therapeutics. PLoS ONE, 2016, 11, e0163615.	1.1	23
62	The Effect of Structure and Mechanism of the Hsp70 Chaperone on the Ability to Identify Chemical Modulators and Therapeutics. Topics in Medicinal Chemistry, 2015, , 81-129.	0.4	6
63	Expression of three topologically distinct membrane proteins elicits unique stress response pathways in the yeastSaccharomyces cerevisiae. Physiological Genomics, 2015, 47, 198-214.	1.0	10
64	Membrane Protein Properties Revealed through Data-Rich Electrostatics Calculations. Structure, 2015, 23, 1526-1537.	1.6	31
65	Mutations in the Yeast Hsp70, Ssa1, at P417 Alter ATP Cycling, Interdomain Coupling, and Specific Chaperone Functions. Journal of Molecular Biology, 2015, 427, 2948-2965.	2.0	18
66	A Combination Therapy for Cystic Fibrosis. Cell, 2015, 163, 17.	13.5	12
67	Alpha-arrestins participate in cargo selection for both clathrin-independent and clathrin-mediated endocytosis. Journal of Cell Science, 2015, 128, 4220-34.	1.2	36
68	The BiP Molecular Chaperone Plays Multiple Roles during the Biogenesis of TorsinA, an AAA+ ATPase Associated with the Neurological Disease Early-onset Torsion Dystonia. Journal of Biological Chemistry, 2014, 289, 12727-12747.	1.6	25
69	A Regulator of Secretory Vesicle Size, Kelch-Like Protein 12, Facilitates the Secretion of Apolipoprotein B100 and Very-Low-Density Lipoproteinsâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 251-254.	1.1	19
70	Identification of an Allosteric Small-Molecule Inhibitor Selective for the Inducible Form of Heat Shock Protein 70. Chemistry and Biology, 2014, 21, 1648-1659.	6.2	54
71	The threads that tie protein-folding diseases. DMM Disease Models and Mechanisms, 2014, 7, 3-4.	1.2	9
72	ESCRT regulates surface expression of the Kir2.1 potassium channel. Molecular Biology of the Cell, 2014, 25, 276-289.	0.9	24

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73	The proteolytic landscape of the yeast vacuole. Cellular Logistics, 2014, 4, e28023.	0.9	85
74	Organelle and proteome quality control mechanisms: how cells are able to keep calm and carry on. Molecular Biology of the Cell, 2014, 25, 733-734.	0.9	4
75	Synthesis and structureâ€“activity relationships of small molecule inhibitors of the simian virus 40 T antigen oncoprotein, an anti-polyomaviral target. Bioorganic and Medicinal Chemistry, 2014, 22, 6490-6502.	1.4	10
76	Heat Shock Protein 70 Inhibitors. 1. 2,5â€²-Thiodipyrimidine and 5-(Phenylthio)pyrimidine Acrylamides as Irreversible Binders to an Allosteric Site on Heat Shock Protein 70. Journal of Medicinal Chemistry, 2014, 57, 1188-1207.	2.9	50
77	Specific Î±-Arrestins Negatively Regulate Saccharomyces cerevisiae Pheromone Response by Down-Modulating the G-Protein-Coupled Receptor Ste2. Molecular and Cellular Biology, 2014, 34, 2660-2681.	1.1	87
78	Recent technical developments in the study of ER-associated degradation. Current Opinion in Cell Biology, 2014, 29, 82-91.	2.6	27
79	The HSP70 Modulator MAL3-101 Inhibits Merkel Cell Carcinoma. PLoS ONE, 2014, 9, e92041.	1.1	47
80	Synthesis and Initial Evaluation of YM-08, a Blood-Brain Barrier Permeable Derivative of the Heat Shock Protein 70 (Hsp70) Inhibitor MKT-077, Which Reduces Tau Levels. ACS Chemical Neuroscience, 2013, 4, 930-939.	1.7	109
81	How early studies on secreted and membrane protein quality control gave rise to the ER associated degradation (ERAD) pathway: The early history of ERAD. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2447-2457.	1.9	64
82	Just a Trim, Please: Refining ER Degradation through Deubiquitination. Cell, 2013, 154, 479-481.	13.5	9
83	Chemical Induction of Hsp70 Reduces Î±-Synuclein Aggregation in Neuroglioma Cells. ACS Chemical Biology, 2013, 8, 1460-1468.	1.6	61
84	A stalled retrotranslocation complex reveals physical linkage between substrate recognition and proteasomal degradation during ER-associated degradation. Molecular Biology of the Cell, 2013, 24, 1765-1775.	0.9	33
85	Characterization of an M28 metalloprotease family member residing in the yeast vacuole. FEMS Yeast Research, 2013, 13, 471-484.	1.1	9
86	The Lhs1/GRP170 Chaperones Facilitate the Endoplasmic Reticulum-associated Degradation of the Epithelial Sodium Channel. Journal of Biological Chemistry, 2013, 288, 18366-18380.	1.6	47
87	Hsp70 Targets a Cytoplasmic Quality Control Substrate to the San1p Ubiquitin Ligase. Journal of Biological Chemistry, 2013, 288, 18506-18520.	1.6	74
88	Hsp70 and Hsp90 Multichaperone Complexes Sequentially Regulate Thiazide-sensitive Cotransporter Endoplasmic Reticulum-associated Degradation and Biogenesis. Journal of Biological Chemistry, 2013, 288, 13124-13135.	1.6	50
89	Insulin-Stimulated Degradation of Apolipoprotein B100: Roles of Class II Phosphatidylinositol-3-Kinase and Autophagy. PLoS ONE, 2013, 8, e57590.	1.1	27
90	High-Throughput Screening Identifies a Bisphenol Inhibitor of SV40 Large T Antigen ATPase Activity. Journal of Biomolecular Screening, 2012, 17, 194-203.	2.6	12

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91	The Endosomal Protein-Sorting Receptor Sortilin Has a Role in Trafficking Î±-1 Antitrypsin. Genetics, 2012, 192, 889-903.	1.2	46
92	FK506 Binding Protein 8 Peptidylprolyl Isomerase Activity Manages a Late Stage of Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Folding and Stability. Journal of Biological Chemistry, 2012, 287, 21914-21925.	1.6	37
93	The Delicate Balance Between Secreted Protein Folding and Endoplasmic Reticulum-Associated Degradation in Human Physiology. Physiological Reviews, 2012, 92, 537-576.	13.1	339
94	Protein disulfide isomerases contribute differentially to the endoplasmic reticulumâ€“associated degradation of apolipoprotein B and other substrates. Molecular Biology of the Cell, 2012, 23, 520-532.	0.9	59
95	Cleaning Up: ER-Associated Degradation to the Rescue. Cell, 2012, 151, 1163-1167.	13.5	308
96	A screen for modulators of large T antigenâ€™s ATPase activity uncovers novel inhibitors of Simian Virus 40 and BK virus replication. Antiviral Research, 2012, 96, 70-81.	1.9	17
97	The Unfolded Protein Response: A Multifaceted Regulator of Lipid and Lipoprotein Metabolism. Cell Metabolism, 2012, 16, 407-408.	7.2	1
98	Assays to Measure ER-Associated Degradation in Yeast. Methods in Molecular Biology, 2012, 832, 505-518.	0.4	12
99	Design of a Flexible Cell-Based Assay for the Evaluation of Heat Shock Protein 70 Expression Modulators. Assay and Drug Development Technologies, 2011, 9, 236-246.	0.6	3
100	Antimyeloma Effects of the Heat Shock Protein 70 Molecular Chaperone Inhibitor MAL3-101. Journal of Oncology, 2011, 2011, 1-11.	0.6	72
101	Stability and function of the Sec61 translocation complex depends on the Sss1p tail-anchor sequence. Biochemical Journal, 2011, 436, 291-303.	1.7	13
102	Protein folding and quality control in the endoplasmic reticulum: Recent lessons from yeast and mammalian cell systems. Current Opinion in Cell Biology, 2011, 23, 464-475.	2.6	207
103	Chemical methodology as a source of small-molecule checkpoint inhibitors and heat shock protein 70 (Hsp70) modulators. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6757-6762.	3.3	63
104	The Thiazide-sensitive NaCl Cotransporter Is Targeted for Chaperone-dependent Endoplasmic Reticulum-associated Degradation. Journal of Biological Chemistry, 2011, 286, 43611-43621.	1.6	45
105	Saccharomyces cerivisiae as a model system for kidney disease: what can yeast tell us about renal function?. American Journal of Physiology - Renal Physiology, 2011, 301, F1-F11.	1.3	16
106	Expression of a Malarial Hsp70 Improves Defects in Chaperone-Dependent Activities in ssa1 Mutant Yeast. PLoS ONE, 2011, 6, e20047.	1.1	26
107	The Endoplasmic Reticulumâ€“associated Degradation of the Epithelial Sodium Channel Requires a Unique Complement of Molecular Chaperones. Molecular Biology of the Cell, 2010, 21, 1047-1058.	0.9	81
108	J Domain Co-chaperone Specificity Defines the Role of BiP during Protein Translocation. Journal of Biological Chemistry, 2010, 285, 22484-22494.	1.6	43

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109	Mechanisms Underlying the Cellular Clearance of Antitrypsin Z: Lessons from Yeast Expression Systems. Proceedings of the American Thoracic Society, 2010, 7, 363-367.	3.5	10
110	The Special Delivery of a Tail-Anchored Protein: Why It Pays to Use a Dedicated Courier. Molecular Cell, 2010, 40, 5-7.	4.5	10
111	A Stress-Responsive System for Mitochondrial Protein Degradation. Molecular Cell, 2010, 40, 465-480.	4.5	275
112	Binding of a Small Molecule at a Proteinâ€“Protein Interface Regulates the Chaperone Activity of Hsp70â€“Hsp40. ACS Chemical Biology, 2010, 5, 611-622.	1.6	149
113	In Vitro Reconstitution of the Selection, Ubiquitination, and Membrane Extraction of a Polytopic ERAD Substrate. Methods in Molecular Biology, 2010, 619, 365-376.	0.4	8
114	The Mammalian Hsp40 ERdj3 Requires Its Hsp70 Interaction and Substrate-binding Properties to Complement Various Yeast Hsp40-dependent Functions. Journal of Biological Chemistry, 2009, 284, 32462-32471.	1.6	19
115	Substrate-specific mediators of ER associated degradation (ERAD). Current Opinion in Cell Biology, 2009, 21, 516-521.	2.6	88
116	A Soluble Sulfogalactosyl Ceramide Mimic Promotes Î”F508 CFTR Escape from Endoplasmic Reticulum Associated Degradation. Chemistry and Biology, 2009, 16, 461-470.	6.2	29
117	Select pyrimidinones inhibit the propagation of the malarial parasite, Plasmodium falciparum. Bioorganic and Medicinal Chemistry, 2009, 17, 1527-1533.	1.4	128
118	Identification of Hsp70 modulators through modeling of the substrate binding domain. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3828-3831.	1.0	11
119	Inhibition of Simian Virus 40 replication by targeting the molecular chaperone function and ATPase activity of T antigen. Virus Research, 2009, 141, 71-80.	1.1	43
120	Post-translational import of protein into the endoplasmic reticulum of a trypanosome: an in vitro system for discovery of anti-trypanosomal chemical entities. Biochemical Journal, 2009, 419, 507-517.	1.7	15
121	Entry into the Endoplasmic Reticulum: Protein Translocation, Folding and Quality Control. , 2009, , 119-142.		5
122	Pyrimidinone-peptoid hybrid molecules with distinct effects on molecular chaperone function and cell proliferation. Bioorganic and Medicinal Chemistry, 2008, 16, 3291-3301.	1.4	90
123	Design of a fluorescence polarization assay platform for the study of human Hsp70. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3749-3751.	1.0	21
124	The Recognition and Retrotranslocation of Misfolded Proteins from the Endoplasmic Reticulum. Traffic, 2008, 9, 861-870.	1.3	250
125	One step at a time: endoplasmic reticulum-associated degradation. Nature Reviews Molecular Cell Biology, 2008, 9, 944-957.	16.1	1,148
126	The yeast Hsp110, Sse1p, exhibits highâ€affinity peptide binding. FEBS Letters, 2008, 582, 2393-2396.	1.3	53

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127	The many intersecting pathways underlying apolipoprotein B secretion and degradation. Trends in Endocrinology and Metabolism, 2008, 19, 254-259.	3.1	73
128	Dissecting the ER-Associated Degradation of a Misfolded Polytopic Membrane Protein. Cell, 2008, 132, 101-112.	13.5	242
129	A Precursor-specific Role for Hsp40/Hsc70 during Tail-anchored Protein Integration at the Endoplasmic Reticulum. Journal of Biological Chemistry, 2008, 283, 27504-27513.	1.6	95
130	The Hsp110 Molecular Chaperone Stabilizes Apolipoprotein B from Endoplasmic Reticulum-associated Degradation (ERAD). Journal of Biological Chemistry, 2007, 282, 32665-32675.	1.6	66
131	Small Heat-Shock Proteins Select Î”F508-CFTR for Endoplasmic Reticulum-associated Degradation. Molecular Biology of the Cell, 2007, 18, 806-814.	0.9	104
132	ADD66, a Gene Involved in the Endoplasmic Reticulum-associated Degradation of Î±-1-Antitrypsin-Z in Yeast, Facilitates Proteasome Activity and Assembly. Molecular Biology of the Cell, 2007, 18, 3776-3787.	0.9	27
133	Tipping the Delicate Balance: Defining How Proteasome Maturation Affects the Degradation of a Substrate for Autophagy and Endoplasmic Reticulum Associated Degradation (ERAD). Autophagy, 2007, 3, 623-625.	4.3	11
134	The Hsp40 Molecular Chaperone Ydj1p, Along With the Protein Kinase C Pathway, Affects Cell-Wall Integrity in the Yeast Saccharomyces cerevisiae. Genetics, 2007, 175, 1649-1664.	1.2	26
135	Golgi-associated Maturation of Very Low Density Lipoproteins Involves Conformational Changes in Apolipoprotein B, but Is Not Dependent on Apolipoprotein E. Journal of Biological Chemistry, 2007, 282, 19453-19462.	1.6	57
136	Small Heat Shock Protein Î±A-crystallin Regulates Epithelial Sodium Channel Expression. Journal of Biological Chemistry, 2007, 282, 28149-28156.	1.6	39
137	The Role of BiP/Kar2p in the Translocation of Proteins Across the ER Membrane. The Enzymes, 2007, , 245-273.	0.7	1
138	The protective and destructive roles played by molecular chaperones during ERAD (endoplasmic-reticulum-associated degradation). Biochemical Journal, 2007, 404, 353-363.	1.7	134
139	The activities and function of molecular chaperones in the endoplasmic reticulum. Seminars in Cell and Developmental Biology, 2007, 18, 751-761.	2.3	70
140	Real-Time Fluorescence Detection of ERAD Substrate Retrotranslocation inÂaÂMammalian In Vitro System. Cell, 2007, 129, 943-955.	13.5	122
141	Molecular pathogenesis of alpha-1-antitrypsin deficiency-associated liver disease: A meeting review. Hepatology, 2007, 45, 1313-1323.	3.6	95
142	Proteomic analysis of the amyloid precursor protein fragment C99: expression in yeast. Analytical Biochemistry, 2007, 370, 162-170.	1.1	9
143	Selective compounds define Hsp90 as a major inhibitor of apoptosis in small-cell lung cancer. Nature Chemical Biology, 2007, 3, 498-507.	3.9	156
144	Regulation of Hsp70 Function: Hsp40 Co-Chaperones and Nucleotide Exchange Factors. , 2007, , 209-227.		4

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145	Nucleotide Exchange Factors for Hsp70 Molecular Chaperones. , 2007, , 1-12.		5
146	Autophagy: an ER Protein Quality Control Process. Autophagy, 2006, 2, 135-137.	4.3	86
147	Characterization of an ERAD Gene as VPS30/ATG6 Reveals Two Alternative and Functionally Distinct Protein Quality Control Pathways: One for Soluble Z Variant of Human Î±-1 Proteinase Inhibitor (A1PiZ) and Another for Aggregates of A1PiZ. Molecular Biology of the Cell, 2006, 17, 203-212.	0.9	191
148	Hsp70 Molecular Chaperones: Emerging Roles in Human Disease and Identification of Small Molecule Modulators. Current Topics in Medicinal Chemistry, 2006, 6, 1215-1225.	1.0	199
149	Cysteine String Protein Monitors Late Steps in Cystic Fibrosis Transmembrane Conductance Regulator Biogenesis. Journal of Biological Chemistry, 2006, 281, 11312-11321.	1.6	44
150	Use of Yeast as a Model System to Investigate Protein Conformational Diseases. Molecular Biotechnology, 2005, 30, 171-180.	1.3	31
151	Reconstitution of Endoplasmic Reticulum-Associated Degradation Using Yeast Membranes and Cytosol. , 2005, 301, 175-184.		2
152	The molecular mechanisms underlying BiP-mediated gating of the Sec61 translocon of the endoplasmic reticulum. Journal of Cell Biology, 2005, 168, 389-399.	2.3	159
153	Regulation of Hsp70 Function by HspBP1. Molecular Cell, 2005, 17, 367-379.	4.5	185
154	An in vitro assay for the selective endoplasmic reticulum associated degradation of an unglycosylated secreted protein. Methods, 2005, 35, 354-359.	1.9	3
155	Roles of Molecular Chaperones in Endoplasmic Reticulum (ER) Quality Control and ER-Associated Degradation (ERAD). Journal of Biochemistry, 2005, 137, 551-555.	0.9	151
156	The Function of the Yeast Molecular Chaperone Sse1 Is Mechanistically Distinct from the Closely Related Hsp70 Family. Journal of Biological Chemistry, 2004, 279, 21992-22001.	1.6	84
157	Degradation of Mutated Bovine Pancreatic Trypsin Inhibitor in the Yeast Vacuole Suggests Post-endoplasmic Reticulum Protein Quality Control. Journal of Biological Chemistry, 2004, 279, 15289-15297.	1.6	64
158	Distinct Roles for the Hsp40 and Hsp90 Molecular Chaperones during Cystic Fibrosis Transmembrane Conductance Regulator Degradation in Yeast. Molecular Biology of the Cell, 2004, 15, 4787-4797.	0.9	149
159	Small Molecule Modulators of Endogenous and Co-chaperone-stimulated Hsp70 ATPase Activity. Journal of Biological Chemistry, 2004, 279, 51131-51140.	1.6	190
160	Distinct Machinery Is Required in Saccharomyces cerevisiae for the Endoplasmic Reticulum-associated Degradation of a Multispanning Membrane Protein and a Soluble Luminal Protein. Journal of Biological Chemistry, 2004, 279, 38369-38378.	1.6	232
161	Uncoupling retro-translocation and degradation in the ER-associated degradation of a soluble protein. EMBO Journal, 2004, 23, 2206-2215.	3.5	106
162	Checkpoints in ER-associated degradation: excuse me, which way to the proteasome?. Trends in Cell Biology, 2004, 14, 474-478.	3.6	119

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163	Vesicular Trafficking of Hepatic Apolipoprotein B100 and Its Maturation to Very Low-Density Lipoprotein ParticlesStudies from Cells and Cell-free Systems. Trends in Cardiovascular Medicine, 2004, 14, 127-132.	2.3	23
164	Evolving questions and paradigm shifts in endoplasmic-reticulum-associated degradation (ERAD). BioEssays, 2003, 25, 868-877.	1.2	210
165	Localization of the BiP Molecular Chaperone with Respect to Endoplasmic Reticulum Foci Containing the Cystic Fibrosis Transmembrane Conductance Regulator in Yeast. Journal of Histochemistry and Cytochemistry, 2003, 51, 545-548.	1.3	21
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