

Ineke Braakman

List of Publications by Year in descending order

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79
papers

6,967
citations

81900

39
h-index

76900

74
g-index

87
all docs

87
docs citations

87
times ranked

8103
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical and molecular characterization of the R751L-CFTR mutation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L288-L300.	2.9	7
2	The CFTR P67L variant reveals a key role for N-terminal lasso helices in channel folding, maturation, and pharmacologic rescue. Journal of Biological Chemistry, 2021, 296, 100598.	3.4	26
3	Co-Translational Folding of the First Transmembrane Domain of ABC-Transporter CFTR is Supported by Assembly with the First Cytosolic Domain. Journal of Molecular Biology, 2021, 433, 166955.	4.2	31
4	Intramolecular quality control: HIV-1 envelope gp160 signal-peptide cleavage as a functional folding checkpoint. Cell Reports, 2021, 36, 109646.	6.4	7
5	<scp>The importance of naturally attenuated SARSâ€CoV</scp>â€2 <scp>in the fight against COVID</scp>â€19. Environmental Microbiology, 2020, 22, 1997-2000.	3.8	54
6	Characterization of CNPY5 and its family members. Protein Science, 2019, 28, 1276-1289.	7.6	13
7	Analysis of Protein Folding, Transport, and Degradation in Living Cells by Radioactive Pulse Chase. Journal of Visualized Experiments, 2019, , .	0.3	7
8	Slowing ribosome velocity restores folding and function of mutant CFTR. Journal of Clinical Investigation, 2019, 129, 5236-5253.	8.2	36
9	Foldingâ€function relationship of the most common cystic fibrosisâ€causing CFTR conductance mutants. Life Science Alliance, 2019, 2, e201800172.	2.8	29
10	Cystic fibrosis research topics featured at the 14th ECFS Basic Science Conference: Chairman's summary. Journal of Cystic Fibrosis, 2018, 17, S1-S4.	0.7	5
11	Correcting CFTR folding defects by small-molecule correctors to cure cystic fibrosis. Current Opinion in Pharmacology, 2017, 34, 83-90.	3.5	54
12	Analysis of Disulfide Bond Formation. Current Protocols in Protein Science, 2017, 90, 14.1.1-14.1.21.	2.8	19
13	Alteration of protein function by a silent polymorphism linked to tRNA abundance. PLoS Biology, 2017, 15, e2000779.	5.6	118
14	Structure and topology around the cleavage site regulate post-translational cleavage of the HIV-1 gp160 signal peptide. ELife, 2017, 6, .	6.0	41
15	Protein quality control at the endoplasmic reticulum. Essays in Biochemistry, 2016, 60, 227-235.	4.7	117
16	Versatile members of the DNAJ family show Hsp70 dependent anti-aggregation activity on RING1 mutant parkin C289G. Scientific Reports, 2016, 6, 34830.	3.3	26
17	Coâ€and Postâ€Translational Protein Folding in the <scp>ER</scp>. Traffic, 2016, 17, 615-638.	2.7	110
18	Mutational and functional analysis of N-linked glycosylation of envelope fusion protein F of Helicoverpa armigera nucleopolyhedrovirus. Journal of General Virology, 2016, 97, 988-999.	2.9	9

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19	TORC2 mediates the heat stress response in <i>Drosophila</i> by promoting the formation of stress granules. <i>Journal of Cell Science</i> , 2015, 128, 2497-508.	2.0	32
20	Folding of influenza virus hemagglutinin in insect cells is fast and efficient. <i>Journal of Biotechnology</i> , 2015, 203, 77-83.	3.8	1
21	Bypass of Quality Control in Protein Folding Pathways Induces Specific Misfolding of HIV Envelope V2 Loop: Implications for Iminosugars as Antivirals. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A49-A49.	1.1	0
22	Deletion of the Highly Conserved N-Glycan at Asn260 of HIV-1 gp120 Affects Folding and Lysosomal Degradation of gp120, and Results in Loss of Viral Infectivity. <i>PLoS ONE</i> , 2014, 9, e101181.	2.5	26
23	Protein Folding in the Endoplasmic Reticulum. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a013201-a013201.	5.5	392
24	ERdj5 Is the ER Reductase that Catalyzes the Removal of Non-Native Disulfides and Correct Folding of the LDL Receptor. <i>Molecular Cell</i> , 2013, 50, 793-804.	9.7	116
25	Peroxisome Formation and Maintenance Are Dependent on the Endoplasmic Reticulum. <i>Annual Review of Biochemistry</i> , 2013, 82, 723-744.	11.1	87
26	Ero1-PDI interactions, the response to redox flux and the implications for disulfide bond formation in the mammalian endoplasmic reticulum. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20110403.	4.0	59
27	A Sweet Send-Off. <i>Science</i> , 2013, 340, 930-931.	12.6	4
28	Quantifying Changes in the Cellular Thiol-Disulfide Status during Differentiation of B Cells into Antibody-Secreting Plasma Cells. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-9.	2.5	6
29	Two phases of disulfide bond formation have differing requirements for oxygen. <i>Journal of Cell Biology</i> , 2013, 203, 615-627.	5.2	113
30	Biochemically Distinct Vesicles from the Endoplasmic Reticulum Fuse to Form Peroxisomes. <i>Cell</i> , 2012, 149, 397-409.	28.9	183
31	Protein Folding and Modification in the Mammalian Endoplasmic Reticulum. <i>Annual Review of Biochemistry</i> , 2011, 80, 71-99.	11.1	563
32	Regulated increase in folding capacity prevents unfolded protein stress in the ER. <i>Journal of Cell Science</i> , 2010, 123, 787-794.	2.0	34
33	Peroxisomal Membrane Proteins Insert into the Endoplasmic Reticulum. <i>Molecular Biology of the Cell</i> , 2010, 21, 2057-2065.	2.1	154
34	Calcium as a Crucial Cofactor for Low Density Lipoprotein Receptor Folding in the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2010, 285, 8656-8664.	3.4	28
35	The Primary Folding Defect and Rescue of F508 CFTR Emerge during Translation of the Mutant Domain. <i>PLoS ONE</i> , 2010, 5, e15458.	2.5	76
36	Efficient IgM assembly and secretion require the plasma cell induced endoplasmic reticulum protein pERp1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17019-17024.	7.1	74

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37	Optimization of Human Immunodeficiency Virus Type 1 Envelope Glycoproteins with V1/V2 Deleted, Using Virus Evolution. <i>Journal of Virology</i> , 2009, 83, 368-383.	3.4	43
38	Entering a new era with Ero. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 503-503.	37.0	2
39	Protein folding includes oligomerization " examples from the endoplasmic reticulum and cytosol. <i>FEBS Journal</i> , 2008, 275, 4700-4727.	4.7	51
40	Peroxisomes: minted by the ER. <i>Current Opinion in Cell Biology</i> , 2008, 20, 393-400.	5.4	54
41	The carbohydrate at asparagine 386 on HIV-1 gp120 is not essential for protein folding and function but is involved in immune evasion. <i>Retrovirology</i> , 2008, 5, 10.	2.0	42
42	Only Five of 10 Strictly Conserved Disulfide Bonds Are Essential for Folding and Eight for Function of the HIV-1 Envelope Glycoprotein. <i>Molecular Biology of the Cell</i> , 2008, 19, 4298-4309.	2.1	44
43	Evolution Rescues Folding of Human Immunodeficiency Virus-1 Envelope Glycoprotein GP120 Lacking a Conserved Disulfide Bond. <i>Molecular Biology of the Cell</i> , 2008, 19, 4707-4716.	2.1	12
44	Cargo Load Reduction. <i>Science</i> , 2008, 321, 499-500.	12.6	4
45	A Common Polymorphism Renders the Luteinizing Hormone Receptor Protein More Active by Improving Signal Peptide Function and Predicts Adverse Outcome in Breast Cancer Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 1470-1476.	3.6	54
46	The return of the peroxisome. <i>Journal of Cell Science</i> , 2006, 119, 989-994.	2.0	31
47	A critical step in the folding of influenza virus HA determined with a novel folding assay. <i>Nature Structural and Molecular Biology</i> , 2005, 12, 258-263.	8.2	13
48	Chaperone proteins and peroxisomal protein import. <i>Topics in Current Genetics</i> , 2005, , 149-183.	0.7	1
49	Expression Clustering Reveals Detailed Co-expression Patterns of Functionally Related Proteins during B Cell Differentiation. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1297-1310.	3.8	78
50	Endoplasmic Reticulum Stress and the Making of a Professional Secretory Cell. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2005, 40, 269-283.	5.2	60
51	Versatility of the Endoplasmic Reticulum Protein Folding Factory. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2005, 40, 191-228.	5.2	173
52	Folding of CFTR Is Predominantly Cotranslational. <i>Molecular Cell</i> , 2005, 20, 277-287.	9.7	155
53	Contribution of the Endoplasmic Reticulum to Peroxisome Formation. <i>Cell</i> , 2005, 122, 85-95.	28.9	416
54	Protein folding and quality control in the endoplasmic reticulum. <i>Current Opinion in Cell Biology</i> , 2004, 16, 343-349.	5.4	393

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55	Peroxisomes Start Their Life in the Endoplasmic Reticulum. <i>Traffic</i> , 2003, 4, 512-518.	2.7	89
56	Quality control in the endoplasmic reticulum protein factory. <i>Nature</i> , 2003, 426, 891-894.	27.8	625
57	Oxidation of ER Resident Proteins Upon Oxidative Stress: Effects of Altering Cellular Redox/Antioxidant Status and Implications for Protein Maturation. <i>Antioxidants and Redox Signaling</i> , 2003, 5, 381-387.	5.4	85
58	Sequential Waves of Functionally Related Proteins Are Expressed When B Cells Prepare for Antibody Secretion. <i>Immunity</i> , 2003, 18, 243-253.	14.3	341
59	Pulse-Chase Labeling Techniques for the Analysis of Protein Maturation and Degradation. , 2003, 232, 133-146.		16
60	Folding of HIV-1 Envelope glycoprotein involves extensive isomerization of disulfide bonds and conformation-dependent leader peptide cleavage. <i>FASEB Journal</i> , 2003, 17, 1058-1067.	0.5	98
61	Coordinated Nonvectorial Folding in a Newly Synthesized Multidomain Protein. <i>Science</i> , 2002, 298, 2401-2403.	12.6	155
62	Folding of the human immunodeficiency virus type 1 envelope glycoprotein in the endoplasmic reticulum. <i>Biochimie</i> , 2001, 83, 783-790.	2.6	80
63	A novel lectin in the secretory pathway. <i>EMBO Reports</i> , 2001, 2, 666-668.	4.5	26
64	Folding of Viral Envelope Glycoproteins in the Endoplasmic Reticulum. <i>Traffic</i> , 2000, 1, 533-539.	2.7	77
65	Transactions at the Peroxisomal Membrane. , 2000, 34, 303-322.		1
66	HIV-1 Evolves into a Nonsyncytium-Inducing Virus upon Prolonged Culture in Vitro. <i>Virology</i> , 1999, 263, 55-69.	2.4	20
67	Peroxisomes: simple in function but complex in maintenance. <i>Trends in Cell Biology</i> , 1999, 9, 447-453.	7.9	72
68	The Cytosolic DnaJ-like Protein Djp1p Is Involved Specifically in Peroxisomal Protein Import. <i>Journal of Cell Biology</i> , 1998, 142, 421-434.	5.2	86
69	Expression of the Receptor Tyrosine Kinase Ret on the Plasma Membrane Is Dependent on Calcium. <i>Journal of Biological Chemistry</i> , 1998, 273, 12077-12081.	3.4	31
70	Quality Control in the Secretory Pathway: The Role of Calreticulin, Calnexin and BiP in the Retention of Glycoproteins with C-Terminal Truncations. <i>Molecular Biology of the Cell</i> , 1997, 8, 1943-1954.	2.1	187
71	Analysis of Disulfide Bond Formation. <i>Current Protocols in Protein Science</i> , 1996, 3, Unit14.1.	2.8	5
72	Protein Folding in the Endoplasmic Reticulum. , 1993, , 125-136.		4

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73	Role of ATP and disulphide bonds during protein folding in the endoplasmic reticulum. Nature, 1992, 356, 260-262.	27.8	303
74	Protein folding and assembly in the endoplasmic reticulum. Fresenius' Journal of Analytical Chemistry, 1992, 343, 10-11.	1.5	0
75	The endoplasmic reticulum as a protein-folding compartment. Trends in Cell Biology, 1992, 2, 227-231.	7.9	306
76	Separation of periportal and perivenous rat hepatocytes by fluorescence-activated cell sorting: Confirmation with colloidal gold as an exogenous marker. Hepatology, 1991, 13, 73-82.	7.3	15
77	Heterogeneous acinar localization of the asialoglycoprotein internalization system in rat hepatocytes. Hepatology, 1988, 8, 1521-1529.	7.3	26
78	Acinar redistribution and heterogeneity in transport of the organic cation rhodamine B in rat liver. Hepatology, 1987, 7, 849-855.	7.3	26
79	Quality control in the ER of differentiating B cells. , 0, 2007, .		0