

Eelco van Anken

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,478
citations

304743

22
h-index

434195

31
g-index

40
all docs

40
docs citations

40
times ranked

3882
citing authors

#	ARTICLE	IF	CITATIONS
1	BiP Binding to the ER-Stress Sensor Ire1 Tunes the Homeostatic Behavior of the Unfolded Protein Response. <i>PLoS Biology</i> , 2010, 8, e1000415.	5.6	369
2	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
3	Messenger RNA targeting to endoplasmic reticulum stress signalling sites. <i>Nature</i> , 2009, 457, 736-740.	27.8	297
4	A selective ER chaperone exerts procollagen quality control via a Calnexin-FAM134B complex. <i>EMBO Journal</i> , 2019, 38, .	7.8	178
5	Versatility of the Endoplasmic Reticulum Protein Folding Factory. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2005, 40, 191-228.	5.2	173
6	ER chaperone-associated degradation of proteasome-resistant ATZ polymers occurs via receptor-mediated vesicular transport. <i>EMBO Journal</i> , 2018, 37, .	7.8	144
7	The intellectual disability protein RAB39B selectively regulates GluA2 trafficking to determine synaptic AMPAR composition. <i>Nature Communications</i> , 2015, 6, 6504.	12.8	93
8	Folding of Viral Envelope Glycoproteins in the Endoplasmic Reticulum. <i>Traffic</i> , 2000, 1, 533-539.	2.7	77
9	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
10	A pH-Regulated Quality Control Cycle for Surveillance of Secretory Protein Assembly. <i>Molecular Cell</i> , 2013, 50, 783-792.	9.7	70
11	The B-cell receptor controls fitness of MYC-driven lymphoma cells via GSK3 β inhibition. <i>Nature</i> , 2017, 546, 302-306.	27.8	64
12	Ratiometric sensing of BiP-client versus BiP levels by the unfolded protein response determines its signaling amplitude. <i>ELife</i> , 2017, 6, .	6.0	64
13	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
14	The importance of naturally attenuated SARS-CoV-2 in the fight against COVID-19. <i>Environmental Microbiology</i> , 2020, 22, 1997-2000.	3.8	54
15	Inadequate BiP availability defines endoplasmic reticulum stress. <i>ELife</i> , 2019, 8, .	6.0	50
16	Proteostasis and plasma cell pathophysiology. <i>Current Opinion in Cell Biology</i> , 2011, 23, 216-222.	5.4	46
17	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
18	Specificity in endoplasmic reticulum-stress signaling in yeast entails a step-wise engagement of HAC1 mRNA to clusters of the stress sensor Ire1. <i>ELife</i> , 2014, 3, e05031.	6.0	44

#	ARTICLE	IF	CITATIONS
19	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
20	Iron affects Ire1 clustering propensity and the amplitude of endoplasmic reticulum stress signaling. <i>Journal of Cell Science</i> , 2017, 130, 3222-3233.	2.0	35
21	Cutting Edge: IgE Plays an Active Role in Tumor Immunosurveillance in Mice. <i>Journal of Immunology</i> , 2016, 197, 2583-2588.	0.8	31
22	Missing Links in Antibody Assembly Control. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-9.	2.5	24
23	Molecular Evaluation of Endoplasmic Reticulum Homeostasis Meets Humoral Immunity. <i>Trends in Cell Biology</i> , 2021, 31, 529-541.	7.9	23
24	Rabaptin4, a novel effector of the small GTPase rab4a, is recruited to perinuclear recycling vesicles. <i>Biochemical Journal</i> , 2000, 346, 593.	3.7	16
25	Repression of viral gene expression and replication by the unfolded protein response effector XBP1u. <i>ELife</i> , 2020, 9, .	6.0	16
26	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
27	Advanced Fluorescent Polymer Probes for the Site-Specific Labeling of Proteins in Live Cells Using the HaloTag Technology. <i>ACS Omega</i> , 2019, 4, 12841-12847.	3.5	12
28	No evidence for cell-to-cell transmission of the unfolded protein response in cell culture. <i>Journal of Neurochemistry</i> , 2020, 152, 208-220.	3.9	10
29	Remodelling of Ca ²⁺ homeostasis is linked to enlarged endoplasmic reticulum in secretory cells. <i>Cell Calcium</i> , 2021, 99, 102473.	2.4	8
30	A RIDDle solved: Why an intact IRE1 β /XBP1 signaling relay is key for humoral immune responses. <i>European Journal of Immunology</i> , 2014, 44, 641-645.	2.9	4
31	The Ire1 Twist that Links Proteostatic with Lipostatic Control of the Endoplasmic Reticulum. <i>Trends in Cell Biology</i> , 2017, 27, 699-700.	7.9	1
32	From recordings of disulfide isomerases in action to reversal of maladaptive endoplasmic reticulum stress responses: proceedings on the ER & Redox Club Meeting held in Venice, April 2015. <i>Endoplasmic Reticulum Stress in Diseases</i> , 2015, 2, .	0.2	0