Jody Groenendyk

List of Publications by Year in descending order

43 papers	2,884 citations	257450 24 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	4930 citing authors

#	Article	IF	Citations
1	Calreticulin, a multi-process calcium-buffering chaperone of the endoplasmic reticulum. Biochemical Journal, 2009, 417, 651-666.	3.7	600
2	Biology of Endoplasmic Reticulum Stress in the Heart. Circulation Research, 2010, 107, 1185-1197.	4.5	266
3	Endoplasmic reticulum stress associated responses in cancer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2143-2149.	4.1	163
4	Calreticulin signaling in health and disease. International Journal of Biochemistry and Cell Biology, 2012, 44, 842-846.	2.8	162
5	Coping with Endoplasmic Reticulum Stress in the Cardiovascular System. Annual Review of Physiology, 2013, 75, 49-67.	13.1	148
6	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.	9.7	127
7	IL-28B is a Key Regulator of B- and T-Cell Vaccine Responses against Influenza. PLoS Pathogens, 2014, 10, e1004556.	4.7	108
8	ERp19 and ERp46, New Members of the Thioredoxin Family of Endoplasmic Reticulum Proteins. Molecular and Cellular Proteomics, 2003, 2, 1104-1119.	3.8	107
9	Modulation of STIM1 and capacitative Ca²⁺ entry by the endoplasmic reticulum luminal oxidoreductase ERp57. EMBO Reports, 2011, 12, 1182-1188.	4.5	101
10	ERp57 Modulates STAT3 Signaling from the Lumen of the Endoplasmic Reticulum. Journal of Biological Chemistry, 2010, 285, 6725-6738.	3.4	97
11	Interplay Between the Oxidoreductase PDIA6 and microRNA-322 Controls the Response to Disrupted Endoplasmic Reticulum Calcium Homeostasis. Science Signaling, 2014, 7, ra54.	3.6	92
12	Calreticulin, Ca2+, and calcineurin - signaling from the endoplasmic reticulum. Molecules and Cells, 2004, 17, 383-9.	2.6	91
13	Glycoprotein Quality Control and Endoplasmic Reticulum Stress. Molecules, 2015, 20, 13689-13704.	3.8	80
14	Identification of an N-domain Histidine Essential for Chaperone Function in Calreticulin. Journal of Biological Chemistry, 2003, 278, 50645-50653.	3.4	70
15	Endoplasmic reticulum quality control and apoptosis. Acta Biochimica Polonica, 2005, 52, 381-95.	0.5	67
16	Calnexin Deficiency Leads to Dysmyelination. Journal of Biological Chemistry, 2010, 285, 18928-18938.	3.4	62
17	Calcium signaling and endoplasmic reticulum stress. International Review of Cell and Molecular Biology, 2021, 363, 1-20.	3.2	61
18	Identification by Mutational Analysis of Amino Acid Residues Essential in the Chaperone Function of Calreticulin. Journal of Biological Chemistry, 2006, 281, 2338-2346.	3.4	60

#	Article	IF	Citations
19	The Endoplasmic Reticulum Chaperone Calnexin Is a NADPH Oxidase NOX4 Interacting Protein. Journal of Biological Chemistry, 2016, 291, 7045-7059.	3.4	60
20	Inhibition of the Unfolded Protein Response Mechanism Prevents Cardiac Fibrosis. PLoS ONE, 2016, 11, e0159682.	2.5	50
21	Endoplasmic reticulum stress in the absence of calnexin. Cell Stress and Chaperones, 2008, 13, 497-507.	2.9	46
22	Human structural proteome-wide characterization of Cyclosporine A targets. Bioinformatics, 2014, 30, 3561-3566.	4.1	38
23	Ces3/TGH Deficiency Attenuates Steatohepatitis. Scientific Reports, 2016, 6, 25747.	3.3	33
24	Ca2+-Signaling, Alternative Splicing and Endoplasmic Reticulum Stress Responses. Neurochemical Research, 2011, 36, 1198-1211.	3.3	30
25	Two pools of IRE1Î± in cardiac and skeletal muscle cells. FASEB Journal, 2019, 33, 8892-8904.	0.5	22
26	UBC9-dependent Association between Calnexin and Protein Tyrosine Phosphatase 1B (PTP1B) at the Endoplasmic Reticulum. Journal of Biological Chemistry, 2015, 290, 5725-5738.	3.4	20
27	Cyclosporine A binding to COX-2 reveals a novel signaling pathway that activates the IRE1Î± unfolded protein response sensor. Scientific Reports, 2018, 8, 16678.	3.3	16
28	Disrupted WNT Signaling in Mouse Embryonic Stem Cells in the Absence of Calreticulin. Stem Cell Reviews and Reports, 2014, 10, 191-206.	5.6	15
29	Unfolding the complexities of ER chaperones in health and disease: report on the 11th international calreticulin workshop. Cell Stress and Chaperones, 2015, 20, 875-883.	2.9	15
30	Calreticulin secures calcium-dependent nuclear pore competency required for cardiogenesis. Journal of Molecular and Cellular Cardiology, 2016, 92, 63-74.	1.9	11
31	Fatty acid binding protein (Fabp) 5 interacts with the calnexin cytoplasmic domain at the endoplasmic reticulum. Biochemical and Biophysical Research Communications, 2017, 493, 202-206.	2.1	9
32	Role of cysteine amino acid residues in calnexin. Molecular and Cellular Biochemistry, 2012, 359, 271-281.	3.1	8
33	A Genome-Wide siRNA Screen Identifies Novel Phospho-enzymes Affecting Wnt/Î²-Catenin Signaling in Mouse Embryonic Stem Cells. Stem Cell Reviews and Reports, 2011, 7, 910-926.	5.6	6
34	Calreticulin and the Heart. Cells, 2022, 11, 1722.	4.1	6
35	Tauroursodeoxycholic acid attenuates cyclosporine-induced renal fibrogenesis in the mouse model. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 1210-1216.	2.4	4
36	Binding Proteins | Ca2+ Binding/Buffering Proteins: ER Luminal Proteins. , 2021, , 534-546.		4

#	Article	IF	Citations
37	Mutational analysis of calnexin. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1435-1440.	2.6	3
38	Genome-wide analysis of thapsigargin-induced microRNAs and their targets in NIH3T3 cells. Genomics Data, 2014, 2, 325-327.	1.3	3
39	Endoplasmic reticulum and the microRNA environment in the cardiovascular system. Canadian Journal of Physiology and Pharmacology, 2019, 97, 515-527.	1.4	3
40	Selective enhancement of cardiomyocyte efficiency results in a pernicious heart condition. PLoS ONE, 2020, 15, e0236457.	2.5	3
41	Systems biology surveillance decrypts pathological transcriptome remodeling. BMC Systems Biology, 2015, 9, 36.	3.0	2
42	Cardiovascular Disease and Endoplasmic Reticulum Stress. , 2012, , 339-355.		1
43	Calsequestrin, a new modulator of unfolded protein response in skeletal and cardiac muscle. FASEB Journal, 2018, 32, 652.7.	0.5	0