

Yair Argon

List of Publications by Year in descending order

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29
papers

1,564
citations

471509

17
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

2479
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequential interaction of the chaperones BiP and GRP94 with immunoglobulin chains in the endoplasmic reticulum. <i>Nature</i> , 1994, 370, 373-375.	27.8	419
2	Protein Disulfide Isomerase A6 Controls the Decay of IRE1 β Signaling via Disulfide-Dependent Association. <i>Molecular Cell</i> , 2014, 53, 562-576.	9.7	186
3	Redox controls UPR to control redox. <i>Journal of Cell Science</i> , 2014, 127, 3649-58.	2.0	136
4	Orchestration of secretory protein folding by ER chaperones. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2410-2424.	4.1	113
5	Molecular chaperones and the biosynthesis of antigen receptors. <i>Trends in Immunology</i> , 1995, 16, 243-250.	7.5	87
6	mTORC1 coordinates an immediate unfolded protein response-related transcriptome in activated B cells preceding antibody secretion. <i>Nature Communications</i> , 2020, 11, 723.	12.8	72
7	Hsp70 and Antifibrillogenic Peptides Promote Degradation and Inhibit Intracellular Aggregation of Amyloidogenic Light Chains. <i>Journal of Cell Biology</i> , 2001, 152, 705-716.	5.2	69
8	Inhibiting cytosolic translation and autophagy improves health in mitochondrial disease. <i>Human Molecular Genetics</i> , 2015, 24, 4829-4847.	2.9	64
9	An essential role for ATP binding and hydrolysis in the chaperone activity of GRP94 in cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11600-11605.	7.1	61
10	PDIA6 regulates insulin secretion by selectively inhibiting the RIDD activity of IRE1. <i>FASEB Journal</i> , 2016, 30, 653-665.	0.5	60
11	CD19 Alterations Emerging after CD19-Directed Immunotherapy Cause Retention of the Misfolded Protein in the Endoplasmic Reticulum. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	55
12	Tay β Sachs disease mutations in HEXA target the β chain of hexosaminidase A to endoplasmic reticulum-associated degradation. <i>Molecular Biology of the Cell</i> , 2016, 27, 3813-3827.	2.1	38
13	Clustering of IRE1 β depends on sensing ER stress but not on its RNase activity. <i>FASEB Journal</i> , 2019, 33, 9811-9827.	0.5	33
14	Limitation of individual folding resources in the ER leads to outcomes distinct from the unfolded protein response. <i>Journal of Cell Science</i> , 2012, 125, 4865-75.	2.0	31
15	OS-9 facilitates turnover of nonnative GRP94 marked by hyperglycosylation. <i>Molecular Biology of the Cell</i> , 2014, 25, 2220-2234.	2.1	30
16	Inhibition of Cytohesins Protects against Genetic Models of Motor Neuron Disease. <i>Journal of Neuroscience</i> , 2015, 35, 9088-9105.	3.6	20
17	A Human Variant of Glucose-Regulated Protein 94 That Inefficiently Supports IGF Production. <i>Endocrinology</i> , 2016, 157, 1914-1928.	2.8	19
18	A combination of two immunotoxins exerts synergistic cytotoxic activity against human breast-cancer cell lines. <i>International Journal of Cancer</i> , 1992, 51, 772-779.	5.1	17

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19	Glucose-Regulated Protein 94 (GRP94): A Novel Regulator of Insulin-Like Growth Factor Production. <i>Cells</i> , 2020, 9, 1844.	4.1	16
20	The special unfolded protein response in plasma cells. <i>Immunological Reviews</i> , 2021, 303, 35-51.	6.0	13
21	Long Interleukin-22 Binding Protein Isoform-1 Is an Intracellular Activator of the Unfolded Protein Response. <i>Frontiers in Immunology</i> , 2018, 9, 2934.	4.8	11
22	Candidate Genes That Affect Aging Through Protein Homeostasis. <i>Advances in Experimental Medicine and Biology</i> , 2015, 847, 45-72.	1.6	7
23	An interdomain helix in IRE1 α mediates the conformational change required for the sensor's activation. <i>Journal of Biological Chemistry</i> , 2021, 296, 100781.	3.4	5
24	Tyrosine 870 of TLR9 is critical for receptor maturation rather than phosphorylation-dependent ligand-induced signaling. <i>PLoS ONE</i> , 2018, 13, e0200913.	2.5	1
25	mRNA splicing is attenuated under prolonged exposure to ER stress. <i>MicroPublication Biology</i> , 2017, .	0.1	1
26	Quality Control across Compartments – Connecting ERAD with Ribosomal Quality Control. <i>Journal of Molecular Biology</i> , 2019, 431, 142-144.	4.2	0
27	The Sensor IRE1 Couples Stress Detection to Protein Synthesis. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
28	The N-terminal Box 1 Tyrosine in the TIR Domain of TLR9 is Critical for Endoplasmic Reticulum Egress and Maturation of the Receptor. <i>FASEB Journal</i> , 2015, 29, 888.19.	0.5	0
29	The connector between the kinase and RNase domains of IRE1 α differentially controls the activities of this stress sensor. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0