

Martin Schröder

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

4,316
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

6359
citing authors

#	ARTICLE	IF	CITATIONS
1	THE MAMMALIAN UNFOLDED PROTEIN RESPONSE. Annual Review of Biochemistry, 2005, 74, 739-789.	11.1	2,699
2	The unfolded protein response in nutrient sensing and differentiation. Nature Reviews Molecular Cell Biology, 2002, 3, 411-421.	37.0	540
3	Ligand-independent Dimerization Activates the Stress Response Kinases IRE1 and PERK in the Lumen of the Endoplasmic Reticulum. Journal of Biological Chemistry, 2000, 275, 24881-24885.	3.4	341
4	The Unfolded Protein Response: An Overview. Biology, 2021, 10, 384.	2.8	144
5	Divergent Roles of IRE1 and PERK in the Unfolded Protein Response. Current Molecular Medicine, 2006, 6, 5-36.	1.3	117
6	The Unfolded Protein Response. Molecular Biotechnology, 2006, 34, 279-290.	2.4	102
7	An initial phase of JNK activation inhibits cell death early in the endoplasmic reticulum stress response. Journal of Cell Science, 2016, 129, 2317-2328.	2.0	54
8	IRE1- and HAC1-independent transcriptional regulation in the unfolded protein response of yeast. Molecular Microbiology, 2004, 49, 591-606.	2.5	51
9	Engineering eukaryotic protein factories. Biotechnology Letters, 2008, 30, 187-196.	2.2	50
10	Overexpression of recombinant human antithrombin III in Chinese hamster ovary cells results in malformation and decreased secretion of recombinant protein. , 1997, 53, 547-559.		49
11	The unfolded protein response represses differentiation through the RPD3-SIN3 histone deacetylase. EMBO Journal, 2004, 23, 2281-2292.	7.8	42
12	Induction of protein aggregation in an early secretory compartment by elevation of expression level. Biotechnology and Bioengineering, 2002, 78, 131-140.	3.3	38
13	Engineering of chaperone systems and of the unfolded protein response. Cytotechnology, 2008, 57, 207-231.	1.6	34
14	Endoplasmic reticulum stress causes insulin resistance by inhibiting delivery of newly synthesized insulin receptors to the cell surface. Molecular Biology of the Cell, 2020, 31, 2597-2629.	2.1	30
15	Glucose starvation and hypoxia, but not the saturated fatty acid palmitic acid or cholesterol, activate the unfolded protein response in 3T3-F442A and 3T3-L1 adipocytes. Adipocyte, 2015, 4, 188-202.	2.8	13
16	Bypass of Activation Loop Phosphorylation by Aspartate 836 in Activation of the Endoribonuclease Activity of Ire1. Molecular and Cellular Biology, 2017, 37, .	2.3	12