

Feroz R Papa

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

8,595
citations

159585

30
h-index

289244

40
g-index

45
all docs

45
docs citations

45
times ranked

10655
citing authors

#	ARTICLE	IF	CITATIONS
1	The Unfolded Protein Response and Cell Fate Control. <i>Molecular Cell</i> , 2018, 69, 169-181.	9.7	1,014
2	The Role of Endoplasmic Reticulum Stress in Human Pathology. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2015, 10, 173-194.	22.4	967
3	IRE1 $\hat{\pm}$ Kinase Activation Modes Control Alternate Endoribonuclease Outputs to Determine Divergent Cell Fates. <i>Cell</i> , 2009, 138, 562-575.	28.9	717
4	IRE1 $\hat{\pm}$ Induces Thioredoxin-Interacting Protein to Activate the NLRP3 Inflammasome and Promote Programmed Cell Death under Irremediable ER Stress. <i>Cell Metabolism</i> , 2012, 16, 250-264.	16.2	707
5	IRE1 $\hat{\pm}$ Cleaves Select microRNAs During ER Stress to Derepress Translation of Proapoptotic Caspase-2. <i>Science</i> , 2012, 338, 818-822.	12.6	550
6	Intracellular Signaling by the Unfolded Protein Response. <i>Annual Review of Cell and Developmental Biology</i> , 2006, 22, 487-508.	9.4	473
7	On the mechanism of sensing unfolded protein in the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18773-18784.	7.1	465
8	The yeast DOA4 gene encodes a deubiquitinating enzyme related to a product of the human tre-2 oncogene. <i>Nature</i> , 1993, 366, 313-319.	27.8	394
9	Allosteric Inhibition of the IRE1 $\hat{\pm}$ RNase Preserves Cell Viability and Function during Endoplasmic Reticulum Stress. <i>Cell</i> , 2014, 158, 534-548.	28.9	384
10	Signaling cell death from the endoplasmic reticulum stress response. <i>Current Opinion in Cell Biology</i> , 2011, 23, 143-149.	5.4	338
11	COPA mutations impair ER-Golgi transport and cause hereditary autoimmune-mediated lung disease and arthritis. <i>Nature Genetics</i> , 2015, 47, 654-660.	21.4	302
12	Real-Time Redox Measurements during Endoplasmic Reticulum Stress Reveal Interlinked Protein Folding Functions. <i>Cell</i> , 2008, 135, 933-947.	28.9	270
13	Bypassing a Kinase Activity with an ATP-Competitive Drug. <i>Science</i> , 2003, 302, 1533-1537.	12.6	213
14	Druggable sensors of the unfolded protein response. <i>Nature Chemical Biology</i> , 2014, 10, 892-901.	8.0	181
15	Divergent allosteric control of the IRE1 $\hat{\pm}$ endoribonuclease using kinase inhibitors. <i>Nature Chemical Biology</i> , 2012, 8, 982-989.	8.0	175
16	Caspase-2 Cleavage of BID Is a Critical Apoptotic Signal Downstream of Endoplasmic Reticulum Stress. <i>Molecular and Cellular Biology</i> , 2008, 28, 3943-3951.	2.3	166
17	Endoplasmic Reticulum Stress, Pancreatic $\hat{\alpha}$ -Cell Degeneration, and Diabetes. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a007666-a007666.	6.2	151
18	Targeting ABL-IRE1 $\hat{\pm}$ Signaling Spares ER-Stressed Pancreatic $\hat{\beta}$ 2 Cells to Reverse Autoimmune Diabetes. <i>Cell Metabolism</i> , 2017, 25, 883-897.e8.	16.2	149

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19	Interaction of the Doa4 Deubiquitinating Enzyme with the Yeast 26S Proteasome. <i>Molecular Biology of the Cell</i> , 1999, 10, 741-756.	2.1	118
20	The UPR and cell fate at a glance. <i>Journal of Cell Science</i> , 2010, 123, 1003-1006.	2.0	101
21	Structural and Functional Analysis of the Allosteric Inhibition of IRE1 $\hat{\pm}$ with ATP-Competitive Ligands. <i>ACS Chemical Biology</i> , 2016, 11, 2195-2205.	3.4	75
22	Endoplasmic reticulum stress, degeneration of pancreatic islet $\hat{2}$ -cells, and therapeutic modulation of the unfolded protein response in diabetes. <i>Molecular Metabolism</i> , 2019, 27, S60-S68.	6.5	73
23	IRE1-Dependent Activation of AMPK in Response to Nitric Oxide. <i>Molecular and Cellular Biology</i> , 2011, 31, 4286-4297.	2.3	66
24	Small Molecules to Improve ER Proteostasis in Disease. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 684-695.	8.7	59
25	Spontaneous Development of Endoplasmic Reticulum Stress That Can Lead to Diabetes Mellitus Is Associated with Higher Calcium-independent Phospholipase A2 Expression. <i>Journal of Biological Chemistry</i> , 2010, 285, 6693-6705.	3.4	54
26	Rationalizing translation attenuation in the network architecture of the unfolded protein response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20280-20285.	7.1	51
27	Small molecule inhibition of IRE1 $\hat{\pm}$ kinase/RNase has anti-fibrotic effects in the lung. <i>PLoS ONE</i> , 2019, 14, e0209824.	2.5	51
28	A kinase inhibitor activates the IRE1 $\hat{\pm}$ RNase to confer cytoprotection against ER stress. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 777-783.	2.1	46
29	Chaperone-mediated reflux of secretory proteins to the cytosol during endoplasmic reticulum stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11291-11298.	7.1	36
30	Cleaved cytokeratin-18 is a mechanistically informative biomarker in idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2012, 13, 105.	3.6	32
31	Parallel Signaling through IRE1 $\hat{\pm}$ and PERK Regulates Pancreatic Neuroendocrine Tumor Growth and Survival. <i>Cancer Research</i> , 2019, 79, 6190-6203.	0.9	25
32	X-Box Binding Protein 1 (XBP1s) Is a Critical Determinant of <i>Pseudomonas aeruginosa</i> Homoserine Lactone-Mediated Apoptosis. <i>PLoS Pathogens</i> , 2013, 9, e1003576.	4.7	21
33	An Evolutionarily Conserved Gene on Human Chromosome 5q33 $\hat{\pm}$ q34, UBH1, Encodes a Novel Deubiquitinating Enzyme. <i>Genomics</i> , 1998, 49, 411-418.	2.9	18
34	Development of a Chemical Toolset for Studying the Paralog-Specific Function of IRE1. <i>ACS Chemical Biology</i> , 2019, 14, 2595-2605.	3.4	16
35	Establishment of a system for monitoring endoplasmic reticulum redox state in mammalian cells. <i>Laboratory Investigation</i> , 2013, 93, 1254-1258.	3.7	15
36	Nicotinic acetylcholine receptor signaling regulates inositol $\hat{\pm}$ requiring enzyme $\hat{\pm}$ activation to protect $\hat{2}$ $\hat{\pm}$ cells against terminal unfolded protein response under irremediable endoplasmic reticulum stress. <i>Journal of Diabetes Investigation</i> , 2020, 11, 801-813.	2.4	12

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37	IRE1 $\hat{\pm}$ drives lung epithelial progenitor dysfunction to establish a niche for pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L564-L580.	2.9	12
38	Targeting Adaptive IRE1 $\hat{\pm}$ Signaling and PLK2 in Multiple Myeloma: Possible Anti-Tumor Mechanisms of KIRA8 and Nilotinib. International Journal of Molecular Sciences, 2020, 21, 6314.	4.1	9
39	ATP-competitive partial antagonists of the IRE1 $\hat{\pm}$ RNase segregate outputs of the UPR. Nature Chemical Biology, 2021, 17, 1148-1156.	8.0	7