

Christopher J Guerriero

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,277
citations

471509

17
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

2077
citing authors

#	ARTICLE	IF	CITATIONS
1	The Delicate Balance Between Secreted Protein Folding and Endoplasmic Reticulum-Associated Degradation in Human Physiology. <i>Physiological Reviews</i> , 2012, 92, 537-576.	28.8	339
2	Differential involvement of endocytic compartments in the biosynthetic traffic of apical proteins. <i>EMBO Journal</i> , 2007, 26, 3737-3748.	7.8	113
3	Discovery and Validation of a New Class of Small Molecule Toll-Like Receptor 4 (TLR4) Inhibitors. <i>PLoS ONE</i> , 2013, 8, e65779.	2.5	105
4	Chaperoning Endoplasmic Reticulum-Associated Degradation (ERAD) and Protein Conformational Diseases. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a033928.	5.5	100
5	Membrane traffic and turnover in TRP-ML1-deficient cells: a revised model for mucopolipidosis type IV pathogenesis. <i>Journal of Experimental Medicine</i> , 2008, 205, 1477-1490.	8.5	85
6	Hsp70 Targets a Cytoplasmic Quality Control Substrate to the San1p Ubiquitin Ligase. <i>Journal of Biological Chemistry</i> , 2013, 288, 18506-18520.	3.4	74
7	Chemical Induction of Hsp70 Reduces α -Synuclein Aggregation in Neuroglioma Cells. <i>ACS Chemical Biology</i> , 2013, 8, 1460-1468.	3.4	61
8	Phosphatidylinositol 5-Kinase Stimulates Apical Biosynthetic Delivery via an Arp2/3-dependent Mechanism*. <i>Journal of Biological Chemistry</i> , 2006, 281, 15376-15384.	3.4	50
9	N-WASP inhibitor wiskostatin nonselectively perturbs membrane transport by decreasing cellular ATP levels. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1562-C1566.	4.6	46
10	OCRL1 function in renal epithelial membrane traffic. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, F335-F345.	2.7	37
11	Combined chemical-genetic approach identifies cytosolic HSP70 dependence in rhabdomyosarcoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9015-9020.	7.1	33
12	Membrane Protein Properties Revealed through Data-Rich Electrostatics Calculations. <i>Structure</i> , 2015, 23, 1526-1537.	3.3	31
13	Phosphatidylinositol 4-Phosphate 5-Kinase Reduces Cell Surface Expression of the Epithelial Sodium Channel (ENaC) in Cultured Collecting Duct Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 36534-36542.	3.4	27
14	Differential Sorting and Golgi Export Requirements for Raft-associated and Raft-independent Apical Proteins along the Biosynthetic Pathway. <i>Journal of Biological Chemistry</i> , 2008, 283, 18040-18047.	3.4	27
15	Substrate Insolubility Dictates Hsp104-Dependent Endoplasmic-Reticulum-Associated Degradation. <i>Molecular Cell</i> , 2018, 70, 242-253.e6.	9.7	27
16	ESCRT regulates surface expression of the Kir2.1 potassium channel. <i>Molecular Biology of the Cell</i> , 2014, 25, 276-289.	2.1	24
17	Transmembrane helix hydrophobicity is an energetic barrier during the retrotranslocation of integral membrane ERAD substrates. <i>Molecular Biology of the Cell</i> , 2017, 28, 2076-2090.	2.1	22
18	Compensation of select proteostasis networks after Hsp70 inhibition in cancer. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	16

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19	Hsp104 facilitates the endoplasmicâ€reticulumâ€associated degradation of diseaseâ€associated and aggregationâ€prone substrates. <i>Protein Science</i> , 2019, 28, 1290-1306.	7.6	16
20	PIP5KÎ² Selectively Modulates Apical Endocytosis in Polarized Renal Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e53790.	2.5	13
21	Substrate ubiquitination retains misfolded membrane proteins in the endoplasmic reticulum for degradation. <i>Cell Reports</i> , 2021, 36, 109717.	6.4	9
22	ADP-ribosylation Factor 1-independent Protein Sorting and Export from the trans-Golgi Network. <i>Journal of Biological Chemistry</i> , 2004, 279, 52735-52743.	3.4	7
23	A campaign targeting a conserved Hsp70 binding site uncovers how subcellular localization is linked to distinct biological activities. <i>Cell Chemical Biology</i> , 2022, 29, 1303-1316.e3.	5.2	7
24	Harmonizing Experimental Data with Modeling to Predict Membrane Protein Insertion in Yeast. <i>Biophysical Journal</i> , 2019, 117, 668-678.	0.5	4
25	Distinct classes of misfolded proteins differentially affect the growth of yeast compromised for proteasome function. <i>FEBS Letters</i> , 2021, 595, 2383-2394.	2.8	4
26	Membrane traffic and turnover in TRP-ML1-deficient cells: a revised model for mucopolipidosis type IV pathogenesis. <i>Journal of Cell Biology</i> , 2008, 181, i17-i17.	5.2	0