

Katherine Bowers

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,827
citations

430874

18
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

2264
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein transport from the late Golgi to the vacuole in the yeast <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005, 1744, 438-454.	4.1	253
2	Protein-Protein Interactions of ESCRT Complexes in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Traffic</i> , 2004, 5, 194-210.	2.7	180
3	The Amino-terminal Domain of the Vacuolar Proton-translocating ATPase a Subunit Controls Targeting and in Vivo Dissociation, and the Carboxyl-terminal Domain Affects Coupling of Proton Transport and ATP Hydrolysis. <i>Journal of Biological Chemistry</i> , 2001, 276, 47411-47420.	3.4	179
4	The Sodium/Proton Exchanger Nhx1p Is Required for Endosomal Protein Trafficking in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2000, 11, 4277-4294.	2.1	168
5	The Human Cytomegalovirus US28 Protein Is Located in Endocytic Vesicles and Undergoes Constitutive Endocytosis and Recycling. <i>Molecular Biology of the Cell</i> , 2001, 12, 1737-1749.	2.1	167
6	Degradation of Endocytosed Epidermal Growth Factor and Virally Ubiquitinated Major Histocompatibility Complex Class I Is Independent of Mammalian ESCRTII. <i>Journal of Biological Chemistry</i> , 2006, 281, 5094-5105.	3.4	160
7	Cluster of Differentiation Antigen 4 (CD4) Endocytosis and Adaptor Complex Binding Require Activation of the CD4 Endocytosis Signal by Serine Phosphorylation. <i>Molecular Biology of the Cell</i> , 1999, 10, 677-691.	2.1	151
8	Essential Role of hIST1 in Cytokinesis. <i>Molecular Biology of the Cell</i> , 2009, 20, 1374-1387.	2.1	133
9	The Simian Immunodeficiency Virus Envelope Glycoprotein Contains Multiple Signals that Regulate its Cell Surface Expression and Endocytosis. <i>Traffic</i> , 2000, 1, 661-674.	2.7	64
10	Budding of filamentous and non-filamentous influenza A virus occurs via a VPS4 and VPS28-independent pathway. <i>Virology</i> , 2009, 390, 268-278.	2.4	55
11	Human H ⁺ ATPase a4 subunit mutations causing renal tubular acidosis reveal a role for interaction with phosphofructokinase-1. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F950-F958.	2.7	54
12	Homotypic Vacuole Fusion in Yeast Requires Organelle Acidification and Not the V-ATPase Membrane Domain. <i>Developmental Cell</i> , 2013, 27, 462-468.	7.0	52
13	The Sodium/Proton Exchanger NHE8 Regulates Late Endosomal Morphology and Function. <i>Molecular Biology of the Cell</i> , 2010, 21, 3540-3551.	2.1	49
14	The trafficking of metal ion transporters of the Zrt ⁺ and Irt ⁺ like protein family. <i>Traffic</i> , 2018, 19, 813-822.	2.7	38
15	A non-canonical ESCRT pathway, including histidine domain phosphotyrosine phosphatase (HD-PTP), is used for down-regulation of virally ubiquitinated MHC class I. <i>Biochemical Journal</i> , 2015, 471, 79-88.	3.7	35
16	CD4: A co-receptor in the immune response and HIV infection. <i>International Journal of Biochemistry and Cell Biology</i> , 1997, 29, 871-875.	2.8	33
17	A PC12 Variant Lacking Regulated Secretory Organelles. <i>Journal of Neurochemistry</i> , 2002, 73, 21-30.	3.9	22
18	Ypp1/YGR198w plays an essential role in phosphoinositide signalling at the plasma membrane. <i>Biochemical Journal</i> , 2008, 415, 455-466.	3.7	19

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19	ESCRT proteins and the regulation of endocytic delivery to lysosomes. Biochemical Society Transactions, 2009, 37, 178-180.	3.4	15
20	RNA Interference-Mediated Inhibition of ESCRT in Mammalian Cells. Methods in Molecular Biology, 2019, 1998, 305-318.	0.9	0