

# Elizabeth Sztul

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

884  
citations

623734

14  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1148  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging vesicle formation dynamics supports the flexible model of clathrin-mediated endocytosis. <i>Nature Communications</i> , 2022, 13, 1732.	12.8	17
2	Modeling the dynamic behaviors of the COPI vesicle formation regulators, the small GTPase Arf1 and its activating Sec7 guanine nucleotide exchange factor GBF1 on Golgi membranes. <i>Molecular Biology of the Cell</i> , 2021, 32, 446-459.	2.1	2
3	Identification of p115 as a novel ACSL4 interacting protein and its role in regulating ACSL4 degradation. <i>Journal of Proteomics</i> , 2020, 229, 103926.	2.4	8
4	JAGN1, tetraspanins, and Erv proteins: is common topology indicative of common function in cargo sorting?. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C667-C674.	4.6	2
5	Enterovirus Infection Induces Massive Recruitment of All Isoforms of Small Cellular Arf GTPases to the Replication Organelles. <i>Journal of Virology</i> , 2020, 95, .	3.4	17
6	ARF family GTPases with links to cilia. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C404-C418.	4.6	29
7	Regulating the regulators: role of phosphorylation in modulating the function of the GBF1/BIG family of Sec7 ARF-GEFs. <i>FEBS Letters</i> , 2020, 594, 2213-2226.	2.8	8
8	A Redundant Mechanism of Recruitment Underlies the Remarkable Plasticity of the Requirement of Poliovirus Replication for the Cellular ArfGEF GBF1. <i>Journal of Virology</i> , 2019, 93, .	3.4	15
9	ARF GTPases and their GEFs and GAPs: concepts and challenges. <i>Molecular Biology of the Cell</i> , 2019, 30, 1249-1271.	2.1	188
10	Promiscuity of the catalytic Sec7 domain within the guanine nucleotide exchange factor GBF1 in ARF activation, Golgi homeostasis, and effector recruitment. <i>Molecular Biology of the Cell</i> , 2019, 30, 1523-1535.	2.1	10
11	The ARF guanine nucleotide exchange factor GBF1 is targeted to Golgi membranes through a PIP-binding domain. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	30
12	Commonly used trafficking blocks disrupt ARF1 activation and the localization and function of specific Golgi proteins. <i>Molecular Biology of the Cell</i> , 2018, 29, 937-947.	2.1	16
13	Role of Host Cell Secretory Machinery in Zika Virus Life Cycle. <i>Viruses</i> , 2018, 10, 559.	3.3	59
14	Highly conserved motifs within the large Sec7 ARF guanine nucleotide exchange factor GBF1 target it to the Golgi and are critical for GBF1 activity. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 314, C675-C689.	4.6	13
15	The Arf activator GBF1 localizes to plasma membrane sites involved in cell adhesion and motility. <i>Cellular Logistics</i> , 2017, 7, e1308900.	0.9	6
16	CREB3L1-mediated functional and structural adaptation of the secretory pathway in hormone-stimulated thyroid cells. <i>Journal of Cell Science</i> , 2017, 130, 4155-4167.	2.0	26
17	How can biological modeling help cell biology?. <i>Cellular Logistics</i> , 2017, 7, e1404780.	0.9	0
18	Finding your inner modeler: An NSF-sponsored workshop to introduce cell biologists to modeling/computational approaches. <i>Cellular Logistics</i> , 2017, 7, e1382669.	0.9	0

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19	Oligomerization of the Sec7 domain Arf guanine nucleotide exchange factor GBF1 is dispensable for Golgi localization and function but regulates degradation. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C456-C469.	4.6	19
20	Expression of Epitope-Tagged Proteins in Mammalian Cells in Culture. <i>Methods in Molecular Biology</i> , 2016, 1474, 3-24.	0.9	1
21	Phospholipase C $\hat{1}$ <sup>31</sup> regulates early secretory trafficking and cell migration via interaction with p115. <i>Molecular Biology of the Cell</i> , 2015, 26, 2263-2278.	2.1	21
22	Novel effects of Brefeldin A (BFA) in signaling through the insulin receptor (IR) pathway and regulating FoxO1-mediated transcription. <i>Cellular Logistics</i> , 2014, 4, e27732.	0.9	6
23	Monitoring Endosomal Trafficking of the G Protein-Coupled Receptor Somatostatin Receptor 3. <i>Methods in Enzymology</i> , 2014, 534, 261-280.	1.0	3
24	Regulating the large Sec7 ARF guanine nucleotide exchange factors: the when, where and how of activation. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3419-3438.	5.4	64
25	Rewiring of Cellular Membrane Homeostasis by Picornaviruses. <i>Journal of Virology</i> , 2014, 88, 9478-9489.	3.4	38
26	The Sec7 Guanine Nucleotide Exchange Factor GBF1 Regulates Membrane Recruitment of BIG1 and BIG2 Guanine Nucleotide Exchange Factors to the Trans-Golgi Network (TGN). <i>Journal of Biological Chemistry</i> , 2013, 288, 11532-11545.	3.4	71
27	Nobel Prize for Cellular Logistics!. <i>Cellular Logistics</i> , 2013, 3, e27194.	0.9	0
28	Novel C-terminal Motif within Sec7 Domain of Guanine Nucleotide Exchange Factors Regulates ADP-ribosylation Factor (ARF) Binding and Activation*. <i>Journal of Biological Chemistry</i> , 2011, 286, 36898-36906.	3.4	20
29	The membrane-tethering protein p115 interacts with GBF1, an ARF guanine-nucleotide-exchange factor. <i>EMBO Reports</i> , 2003, 4, 320-325.	4.5	72
30	ADP-Ribosylation Factor/COPI-dependent Events at the Endoplasmic Reticulum-Golgi Interface Are Regulated by the Guanine Nucleotide Exchange Factor GBF1. <i>Molecular Biology of the Cell</i> , 2003, 14, 2250-2261.	2.1	123