Benjamin S Glick

List of Publications by Year
in descending order

83	8,503	61984 43	69250 77
papers	citations	h-index	g-index

99	99	99	8802
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clathrin adaptors mediate two sequential pathways of intra-Golgi recycling. Journal of Cell Biology, 2022, 221, .	5.2	13
2	Intra-Golgi Transport. , 2022, , .		0
3	Bioreactor-scale cell performance and protein production can be substantially increased by using a secretion signal that drives co-translational translocation in Pichia pastoris. New Biotechnology, 2021, 60, 85-95.	4.4	14
4	Acetyl-CoA flux from the cytosol to the ER regulates engagement and quality of the secretory pathway. Scientific Reports, 2021, 11, 2013.	3.3	16
5	A General Method to Improve Fluorophores Using Deuterated Auxochromes. Jacs Au, 2021, 1, 690-696.	7.9	106
6	TRAPP structures reveal the big picture. EMBO Journal, 2021, 40, e108537.	7.8	0
7	Activity-dependent Golgi satellite formation in dendrites reshapes the neuronal surface glycoproteome. ELife, 2021, 10, .	6.0	23
8	ESCargo: a regulatable fluorescent secretory cargo for diverse model organisms. Molecular Biology of the Cell, 2020, 31, 2892-2903.	2.1	15
9	ER arrival sites associate with ER exit sites to create bidirectional transport portals. Journal of Cell Biology, 2020, 219, .	5.2	19
10	A photostable monomeric superfolder green fluorescent protein. Traffic, 2020, 21, 534-544.	2.7	22
11	A microscopy-based kinetic analysis of yeast vacuolar protein sorting. ELife, 2020, 9, .	6.0	31
12	A Kinetic View of Membrane Traffic Pathways Can Transcend the Classical View of Golgi Compartments. Frontiers in Cell and Developmental Biology, 2019, 7, 153.	3.7	48
13	4D Microscopy of Yeast. Journal of Visualized Experiments, 2019, , .	0.3	9
14	Maturation-driven transport and AP-1â€"dependent recycling of a secretory cargo in the Golgi. Journal of Cell Biology, 2019, 218, 1582-1601.	5.2	62
15	Visualizing Secretory Cargo Transport in Budding Yeast. Current Protocols in Cell Biology, 2019, 83, e80.	2.3	11
16	Budding Yeast Has a Minimal Endomembrane System. Developmental Cell, 2018, 44, 56-72.e4.	7.0	129
17	An improved secretion signal enhances the secretion of model proteins from Pichia pastoris. Microbial Cell Factories, 2018, 17, 161.	4.0	80
18	New insights into protein secretion: TANGO1 runs rings around the COPII coat. Journal of Cell Biology, 2017, 216, 859-861.	5.2	3

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19	Improved deconvolution of very weak confocal signals. F1000Research, 2017, 6, 787.	1.6	13
20	Improved deconvolution of very weak confocal signals. F1000Research, 2017, 6, 787.	1.6	8
21	Refined Pichia pastoris reference genome sequence. Journal of Biotechnology, 2016, 235, 121-131.	3.8	84
22	4D Confocal Imaging of Yeast Organelles. Methods in Molecular Biology, 2016, 1496, 1-11.	0.9	14
23	An improved reversibly dimerizing mutant of the FK506-binding protein FKBP. Cellular Logistics, 2016, 6, e1204848.	0.9	17
24	The Atg17-Atg31-Atg29 Complex Coordinates with Atg11 to Recruit the Vam7 SNARE and Mediate Autophagosome-Vacuole Fusion. Current Biology, 2016, 26, 150-160.	3.9	45
25	Gottfried Schatz (1936â€“2015)â€”mitochondrial pioneer and ambassador for science. EMBO Journal, 2015, 34, 2725-2726.	7.8	0
26	GenoLIB: a database of biological parts derived from a library of common plasmid features. Nucleic Acids Research, 2015, 43, 4823-4832.	14.5	20
27	COPI selectively drives maturation of the early Golgi. ELife, 2015, 4, .	6.0	70
28	Golgi enlargement in Arf-depleted yeast cells is due to altered dynamics of cisternal maturation. Journal of Cell Science, 2014, 127, 250-7.	2.0	47
29	Secretion of a foreign protein from budding yeasts is enhanced by cotranslational translocation and by suppression of vacuolar targeting. Microbial Cell Factories, 2014, 13, 125.	4.0	93
30	Integrated selfâ€organization of transitional <scp>ER</scp> and early Golgi compartments. BioEssays, 2014, 36, 129-133.	2.5	37
31	Golgi compartmentation and identity. Current Opinion in Cell Biology, 2014, 29, 74-81.	5.4	79
32	A three-stage model of Golgi structure and function. Histochemistry and Cell Biology, 2013, 140, 239-249.	1.7	81
33	Sec16 influences transitional ER sites by regulating rather than organizing COPII. Molecular Biology of the Cell, 2013, 24, 3406-3419.	2.1	53
34	Sec12 Binds to Sec16 at Transitional ER Sites. PLoS ONE, 2012, 7, e31156.	2.5	49
35	Noncytotoxic DsRed Derivatives for Whole-Cell Labeling. Methods in Molecular Biology, 2011, 699, 355-370.	0.9	15
36	Models for Golgi Traffic: A Critical Assessment. Cold Spring Harbor Perspectives in Biology, 2011, 3, a005215-a005215.	5.5	180

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37	The Yeast GRASP Grh1 Colocalizes with COPII and Is Dispensable for Organizing the Secretory Pathway. Traffic, 2010, 11, 1168-1179.	2.7	67
38	Chromophore Formation in DsRed Occurs by a Branched Pathway. Journal of the American Chemical Society, 2010, 132, 8496-8505.	13.7	70
39	High-Quality Immunofluorescence of Cultured Cells. Methods in Molecular Biology, 2010, 619, 403-410.	0.9	24
40	Journeys through the Golgiâ€”taking stock in a new era. Journal of Cell Biology, 2009, 187, 449-453.	5.2	156
41	The yeast Golgi apparatus: Insights and mysteries. FEBS Letters, 2009, 583, 3746-3751.	2.8	78
42	Noncytotoxic orange and red/green derivatives of DsRed-Express2 for whole-cell labeling. BMC Biotechnology, 2009, 9, 32.	3.3	28
43	A Rapidly Maturing Far-Red Derivative of DsRed-Express2 for Whole-Cell Labeling. Biochemistry, 2009, 48, 8279-8281.	2.5	167
44	Membrane Traffic Within the Golgi Apparatus. Annual Review of Cell and Developmental Biology, 2009, 25, 113-132.	9.4	299
45	A noncytotoxic DsRed variant for whole-cell labeling. Nature Methods, 2008, 5, 955-957.	19.0	171
46	Cdc1p Is an Endoplasmic Reticulum-Localized Putative Lipid Phosphatase That Affects Golgi Inheritance and Actin Polarization by Activating Ca²⁺ Signaling. Molecular and Cellular Biology, 2008, 28, 3336-3343.	2.3	24
47	Structural rearrangements near the chromophore influence the maturation speed and brightness of DsRed variants. Protein Engineering, Design and Selection, 2007, 20, 525-534.	2.1	49
48	Two Mammalian Sec16 Homologues Have Nonredundant Functions in Endoplasmic Reticulum (ER) Export and Transitional ER Organization. Molecular Biology of the Cell, 2007, 18, 839-849.	2.1	129
49	GRASPing Unconventional Secretion. Cell, 2007, 130, 407-409.	28.9	24
50	Fluorescence Microscopy and Thin-Section Electron Microscopy. Methods in Molecular Biology, 2007, 389, 251-259.	0.9	3
51	The budding yeastPichia pastorishas a novel Sec23p homolog. FEBS Letters, 2006, 580, 5215-5221.	2.8	12
52	Golgi maturation visualized in living yeast. Nature, 2006, 441, 1002-1006.	27.8	336
53	Sec16 is a Determinant of Transitional ER Organization. Current Biology, 2005, 15, 1439-1447.	3.9	145
54	Brighter reporter genes from multimerized fluorescent proteins. BioTechniques, 2005, 39, 814-822.	1.8	30

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55	Golgi inheritance in small buds of Saccharomyces cerevisiae is linked to endoplasmic reticulum inheritance. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 18018-18023.	7.1	47
56	The Transitional ER Localization Mechanism of Pichia pastoris Sec12. Developmental Cell, 2004, 6, 649-659.	7.0	53
57	The Mechanisms of Vesicle Budding and Fusion. Cell, 2004, 116, 153-166.	28.9	1,628
58	Tomographic Evidence for Continuous Turnover of Golgi Cisternae inPichia pastoris. Molecular Biology of the Cell, 2003, 14, 2277-2291.	2.1	133
59	The Secretory Pathway. , 2002, , 358-376.		1
60	Rapidly maturing variants of the Discosoma red fluorescent protein (DsRed). Nature Biotechnology, 2002, 20, 83-87.	17.5	546
61	De novo formation of transitional ER sites and Golgi structures in Pichia pastoris. Nature Cell Biology, 2002, 4, 750-756.	10.3	231
62	Can the Golgi form de novo?. Nature Reviews Molecular Cell Biology, 2002, 3, 615-619.	37.0	44
63	Deconstructing Golgi Inheritance. Traffic, 2001, 2, 589-596.	2.7	36
64	A Role for Actin, Cdc1p, and Myo2p in the Inheritance of Late Golgi Elements in Saccharomyces cerevisiae. Journal of Cell Biology, 2001, 153, 47-62.	5.2	193
65	Isolation ofPichia pastoris genes involved in ER-to-Golgi transport. Yeast, 2000, 16, 979-993.	1.7	29
66	Raising the Speed Limits for 4D Fluorescence Microscopy. Traffic, 2000, 1, 935-940.	2.7	16
67	Organization of the Golgi apparatus. Current Opinion in Cell Biology, 2000, 12, 450-456.	5.4	76
68	Dynamics of Transitional Endoplasmic Reticulum Sites in Vertebrate Cells. Molecular Biology of the Cell, 2000, 11, 3013-3030.	2.1	264
69	Raising the Speed Limits for 4D Fluorescence Microscopy. Traffic, 2000, 1, 935-940.	2.7	11
70	Golgi Structure Correlates with Transitional Endoplasmic Reticulum Organization in Pichia pastoris and Saccharomyces cerevisiae. Journal of Cell Biology, 1999, 145, 69-81.	5.2	306
71	A versatile set of vectors for constitutive and regulated gene expression inPichia pastoris. , 1998, 14, 783-790.		140
72	The Curious Status of the Golgi Apparatus. Cell, 1998, 95, 883-889.	28.9	212

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73	Strong Precursor-Pore Interactions Constrain Models for Mitochondrial Protein Import. Biophysical Journal, 1998, 74, 1732-1743.	0.5	53
74	A Yeast t-SNARE Involved in Endocytosis. Molecular Biology of the Cell, 1998, 9, 2873-2889.	2.1	83
75	What is the driving force for protein import into mitochondria?. Biochimica Et Biophysica Acta - Bioenergetics, 1997, 1318, 71-78.	1.0	36
76	<i>Saccharomyces cerevisiae</i> mitochondria lack a bacterialâ€type Sec machinery. Protein Science, 1996, 5, 2651-2652.	7.6	85
77	Cell biology: Alternatives to baker's yeast. Current Biology, 1996, 6, 1570-1572.	3.9	25
78	The mitochondrial protein import motor: Dissociation of mitochondrial hsp70 from its membrane anchor requires ATP binding rather than ATP hydrolysis. Protein Science, 1996, 5, 759-767.	7.6	80
79	Can Hsp70 proteins act as force-generating motors?. Cell, 1995, 80, 11-14.	28.9	262
80	Import of cytochrome b₂ to the mitochondrial intermembrane space: The tightly folded hemeâ€binding domain makes import dependent upon matrix ATP. Protein Science, 1993, 2, 1901-1917.	7.6	111
81	A new type of coated vesicular carrier that appears not to contain clathrin: Its possible role in protein transport within the Golgi stack. Cell, 1986, 46, 171-184.	28.9	461
82	Budding Yeast Has a Minimal Endomembrane System. SSRN Electronic Journal, 0, , .	0.4	0
83	Fluorescence Microscopy and Thin-Section Electron Microscopy. , 0, , 251-260.		0