

# Benjamin S Glick

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6186138/benjamin-s-glick-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82  
papers

7,082  
citations

40  
h-index

84  
g-index

99  
ext. papers

7,920  
ext. citations

10.8  
avg, IF

6.15  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 82 | Clathrin adaptors mediate two sequential pathways of intra-Golgi recycling. <i>Journal of Cell Biology</i> , <b>2022</b> , 221,   | 7.3  | 1         |
| 81 | A General Method to Improve Fluorophores Using Deuterated Auxochromes. <i>Jacs Au</i> , <b>2021</b> , 1, 690-696  |      | 17        |
| 80 | TRAPP structures reveal the big picture. <i>EMBO Journal</i> , <b>2021</b> , 40, e108537  | 13   |           |
| 79 | Bioreactor-scale cell performance and protein production can be substantially increased by using a secretion signal that drives co-translational translocation in <i>Pichia pastoris</i> . <i>New Biotechnology</i> , <b>2021</b> , 60, 85-95 | 6.4  | 4         |
| 78 | Acetyl-CoA flux from the cytosol to the ER regulates engagement and quality of the secretory pathway. <i>Scientific Reports</i> , <b>2021</b> , 11, 2013  | 4.9  | 6         |
| 77 | Activity-dependent Golgi satellite formation in dendrites reshapes the neuronal surface glycoproteome. <i>ELife</i> , <b>2021</b> , 10,   | 8.9  | 2         |
| 76 | A photostable monomeric superfolder green fluorescent protein. <i>Traffic</i> , <b>2020</b> , 21, 534-544   | 5.7  | 6         |
| 75 | A microscopy-based kinetic analysis of yeast vacuolar protein sorting. <i>ELife</i> , <b>2020</b> , 9,  | 8.9  | 13        |
| 74 | ESCargo: a regulatable fluorescent secretory cargo for diverse model organisms. <i>Molecular Biology of the Cell</i> , <b>2020</b> , 31, 2892-2903  | 3.5  | 4         |
| 73 | ER arrival sites associate with ER exit sites to create bidirectional transport portals. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,  | 7.3  | 10        |
| 72 | A Kinetic View of Membrane Traffic Pathways Can Transcend the Classical View of Golgi Compartments. <i>Frontiers in Cell and Developmental Biology</i> , <b>2019</b> , 7, 153   | 5.7  | 24        |
| 71 | 4D Microscopy of Yeast. <i>Journal of Visualized Experiments</i> , <b>2019</b> ,  | 1.6  | 5         |
| 70 | Maturation-driven transport and AP-1-dependent recycling of a secretory cargo in the Golgi. <i>Journal of Cell Biology</i> , <b>2019</b> , 218, 1582-1601   | 7.3  | 35        |
| 69 | Visualizing Secretory Cargo Transport in Budding Yeast. <i>Current Protocols in Cell Biology</i> , <b>2019</b> , 83, e80  | 2.3  | 5         |
| 68 | Budding Yeast Has a Minimal Endomembrane System. <i>Developmental Cell</i> , <b>2018</b> , 44, 56-72.e4   | 10.2 | 79        |
| 67 | To Stack or not to Stack: The Yeast Golgi Apparatus <b>2018</b> , 1-16  |      | 1         |
| 66 | An improved secretion signal enhances the secretion of model proteins from <i>Pichia pastoris</i> . <i>Microbial Cell Factories</i> , <b>2018</b> , 17, 161   | 6.4  | 41        |

|    |   |      |    |
|----|---|------|----|
| 65 | New insights into protein secretion: TANGO1 runs rings around the COPII coat. <i>Journal of Cell Biology</i> , <b>2017</b> , 216, 859-861   | 7.3  | 3  |
| 64 | Improved deconvolution of very weak confocal signals. <i>F1000Research</i> , <b>2017</b> , 6, 787   | 3.6  | 9  |
| 63 | Improved deconvolution of very weak confocal signals. <i>F1000Research</i> , <b>2017</b> , 6, 787   | 3.6  | 7  |
| 62 | An improved reversibly dimerizing mutant of the FK506-binding protein FKBP. <i>Cellular Logistics</i> , <b>2016</b> , 6, e1204848   |      | 9  |
| 61 | The Atg17-Atg31-Atg29 Complex Coordinates with Atg11 to Recruit the Vam7 SNARE and Mediate Autophagosome-Vacuole Fusion. <i>Current Biology</i> , <b>2016</b> , 26, 150-160                       | 6.3  | 34 |
| 60 | Refined <i>Pichia pastoris</i> reference genome sequence. <i>Journal of Biotechnology</i> , <b>2016</b> , 235, 121-31   | 3.7  | 55 |
| 59 | 4D Confocal Imaging of Yeast Organelles. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1496, 1-11   | 1.4  | 10 |
| 58 | Gottfried Schatz (1936-2015)-mitochondrial pioneer and ambassador for science. <i>EMBO Journal</i> , <b>2015</b> , 34, 2725-6   | 13   |    |
| 57 | GenoLIB: a database of biological parts derived from a library of common plasmid features. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 4823-32  | 20.1 | 14 |
| 56 | COPI selectively drives maturation of the early Golgi. <i>ELife</i> , <b>2015</b> , 4,  | 8.9  | 52 |
| 55 | Integrated self-organization of transitional ER and early Golgi compartments. <i>BioEssays</i> , <b>2014</b> , 36, 129-33   | 3.1  | 18 |
| 54 | Golgi compartmentation and identity. <i>Current Opinion in Cell Biology</i> , <b>2014</b> , 29, 74-81   | 9    | 70 |
| 53 | Golgi enlargement in Arf-depleted yeast cells is due to altered dynamics of cisternal maturation. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 250-7                                       | 5.3  | 39 |
| 52 | Secretion of a foreign protein from budding yeasts is enhanced by cotranslational translocation and by suppression of vacuolar targeting. <i>Microbial Cell Factories</i> , <b>2014</b> , 13, 125 | 6.4  | 57 |
| 51 | A three-stage model of Golgi structure and function. <i>Histochemistry and Cell Biology</i> , <b>2013</b> , 140, 239-49   | 2.4  | 58 |
| 50 | Sec16 influences transitional ER sites by regulating rather than organizing COPII. <i>Molecular Biology of the Cell</i> , <b>2013</b> , 24, 3406-19   | 3.5  | 44 |
| 49 | Sec12 binds to Sec16 at transitional ER sites. <i>PLoS ONE</i> , <b>2012</b> , 7, e31156  | 3.7  | 39 |
| 48 | Noncytotoxic DsRed derivatives for whole-cell labeling. <i>Methods in Molecular Biology</i> , <b>2011</b> , 699, 355-70   | 1.4  | 11 |

|    |  |      |     |
|----|--|------|-----|
| 47 | Models for Golgi traffic: a critical assessment. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2011</b> , 3, a0052150.2   | 15.0 | 151 |
| 46 | The yeast GRASP Grh1 colocalizes with COPII and is dispensable for organizing the secretory pathway. <i>Traffic</i> , <b>2010</b> , 11, 1168-79  | 5.7  | 57  |
| 45 | Chromophore formation in DsRed occurs by a branched pathway. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 8496-505   | 16.4 | 53  |
| 44 | High-quality immunofluorescence of cultured cells. <i>Methods in Molecular Biology</i> , <b>2010</b> , 619, 403-10   | 1.4  | 16  |
| 43 | Journeys through the Golgi--taking stock in a new era. <i>Journal of Cell Biology</i> , <b>2009</b> , 187, 449-53  | 7.3  | 139 |
| 42 | The yeast Golgi apparatus: insights and mysteries. <i>FEBS Letters</i> , <b>2009</b> , 583, 3746-51  | 3.8  | 67  |
| 41 | Noncytotoxic orange and red/green derivatives of DsRed-Express2 for whole-cell labeling. <i>BMC Biotechnology</i> , <b>2009</b> , 9, 32  | 3.5  | 24  |
| 40 | A rapidly maturing far-red derivative of DsRed-Express2 for whole-cell labeling. <i>Biochemistry</i> , <b>2009</b> , 48, 8279-81   | 3.2  | 139 |
| 39 | Membrane traffic within the Golgi apparatus. <i>Annual Review of Cell and Developmental Biology</i> , <b>2009</b> , 25, 113-32   | 12.6 | 232 |
| 38 | A noncytotoxic DsRed variant for whole-cell labeling. <i>Nature Methods</i> , <b>2008</b> , 5, 955-7   | 21.6 | 133 |
| 37 | Cdc1p is an endoplasmic reticulum-localized putative lipid phosphatase that affects Golgi inheritance and actin polarization by activating Ca <sup>2+</sup> signaling. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 3336-43 | 4.8  | 20  |
| 36 | Fluorescence microscopy and thin-section electron microscopy. <i>Methods in Molecular Biology</i> , <b>2007</b> , 389, 251-60  | 1.4  | 3   |
| 35 | Structural rearrangements near the chromophore influence the maturation speed and brightness of DsRed variants. <i>Protein Engineering, Design and Selection</i> , <b>2007</b> , 20, 525-34  | 1.9  | 43  |
| 34 | Two mammalian Sec16 homologues have nonredundant functions in endoplasmic reticulum (ER) export and transitional ER organization. <i>Molecular Biology of the Cell</i> , <b>2007</b> , 18, 839-49  | 3.5  | 104 |
| 33 | GRASping unconventional secretion. <i>Cell</i> , <b>2007</b> , 130, 407-9  | 56.2 | 22  |
| 32 | The budding yeast <i>Pichia pastoris</i> has a novel Sec23p homolog. <i>FEBS Letters</i> , <b>2006</b> , 580, 5215-21  | 3.8  | 11  |
| 31 | Golgi maturation visualized in living yeast. <i>Nature</i> , <b>2006</b> , 441, 1002-6   | 50.4 | 288 |
| 30 | Sec16 is a determinant of transitional ER organization. <i>Current Biology</i> , <b>2005</b> , 15, 1439-47   | 6.3  | 132 |

|    |   |      |      |
|----|---|------|------|
| 29 | Brighter reporter genes from multimerized fluorescent proteins. <i>BioTechniques</i> , <b>2005</b> , 39, 814, 816, 818 passim   | 2.5  | 25   |
| 28 | Golgi inheritance in small buds of <i>Saccharomyces cerevisiae</i> is linked to endoplasmic reticulum inheritance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 18018-23 | 11.5 | 44   |
| 27 | The transitional ER localization mechanism of <i>Pichia pastoris</i> Sec12. <i>Developmental Cell</i> , <b>2004</b> , 6, 649-59   | 10.2 | 50   |
| 26 | The mechanisms of vesicle budding and fusion. <i>Cell</i> , <b>2004</b> , 116, 153-66   | 56.2 | 1372 |
| 25 | Tomographic evidence for continuous turnover of Golgi cisternae in <i>Pichia pastoris</i> . <i>Molecular Biology of the Cell</i> , <b>2003</b> , 14, 2277-91  | 3.5  | 116  |
| 24 | Rapidly maturing variants of the Discosoma red fluorescent protein (DsRed). <i>Nature Biotechnology</i> , <b>2002</b> , 20, 83-7  | 44.5 | 499  |
| 23 | De novo formation of transitional ER sites and Golgi structures in <i>Pichia pastoris</i> . <i>Nature Cell Biology</i> , <b>2002</b> , 4, 750-6   | 23.4 | 204  |
| 22 | Can the Golgi form de novo?. <i>Nature Reviews Molecular Cell Biology</i> , <b>2002</b> , 3, 615-9  | 48.7 | 40   |
| 21 | The Secretary Pathway <b>2002</b> , 358-376   |      | 1    |
| 20 | Deconstructing Golgi inheritance. <i>Traffic</i> , <b>2001</b> , 2, 589-96  | 5.7  | 36   |
| 19 | A role for actin, Cdc1p, and Myo2p in the inheritance of late Golgi elements in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , <b>2001</b> , 153, 47-62   | 7.3  | 186  |
| 18 | Isolation of <i>Pichia pastoris</i> genes involved in ER-to-Golgi transport. <i>Yeast</i> , <b>2000</b> , 16, 979-93  | 3.4  | 27   |
| 17 | Raising the Speed Limits for 4D Fluorescence Microscopy. <i>Traffic</i> , <b>2000</b> , 1, 935-940  | 5.7  | 4    |
| 16 | Organization of the Golgi apparatus. <i>Current Opinion in Cell Biology</i> , <b>2000</b> , 12, 450-6   | 9    | 72   |
| 15 | Dynamics of transitional endoplasmic reticulum sites in vertebrate cells. <i>Molecular Biology of the Cell</i> , <b>2000</b> , 11, 3013-30  | 3.5  | 225  |
| 14 | Raising the Speed Limits for 4D Fluorescence Microscopy. <i>Traffic</i> , <b>2000</b> , 1, 935-940  | 5.7  | 10   |
| 13 | Golgi structure correlates with transitional endoplasmic reticulum organization in <i>Pichia pastoris</i> and <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , <b>1999</b> , 145, 69-81                               | 7.3  | 282  |
| 12 | A versatile set of vectors for constitutive and regulated gene expression in <i>Pichia pastoris</i> . <i>Yeast</i> , <b>1998</b> , 14, 783-90   | 3.4  | 127  |

|    |  |      |     |
|----|--|------|-----|
| 11 | The curious status of the Golgi apparatus. <i>Cell</i> , <b>1998</b> , 95, 883-9   | 56.2 | 204 |
| 10 | Strong precursor-pore interactions constrain models for mitochondrial protein import. <i>Biophysical Journal</i> , <b>1998</b> , 74, 1732-43   | 2.9  | 52  |
| 9  | A yeast t-SNARE involved in endocytosis. <i>Molecular Biology of the Cell</i> , <b>1998</b> , 9, 2873-89   | 3.5  | 80  |
| 8  | What is the driving force for protein import into mitochondria?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1997</b> , 1318, 71-8   | 4.6  | 32  |
| 7  | <i>Saccharomyces cerevisiae</i> mitochondria lack a bacterial-type sec machinery. <i>Protein Science</i> , <b>1996</b> , 5, 2651-2   | 6.3  | 79  |
| 6  | Cell biology: alternatives to baker's yeast. <i>Current Biology</i> , <b>1996</b> , 6, 1570-2  | 6.3  | 25  |
| 5  | The mitochondrial protein import motor: dissociation of mitochondrial hsp70 from its membrane anchor requires ATP binding rather than ATP hydrolysis. <i>Protein Science</i> , <b>1996</b> , 5, 759-67 | 6.3  | 77  |
| 4  | Can Hsp70 proteins act as force-generating motors?. <i>Cell</i> , <b>1995</b> , 80, 11-4   | 56.2 | 247 |
| 3  | Import of cytochrome b2 to the mitochondrial intermembrane space: the tightly folded heme-binding domain makes import dependent upon matrix ATP. <i>Protein Science</i> , <b>1993</b> , 2, 1901-17     | 6.3  | 106 |
| 2  | A new type of coated vesicular carrier that appears not to contain clathrin: its possible role in protein transport within the Golgi stack. <i>Cell</i> , <b>1986</b> , 46, 171-84                     | 56.2 | 430 |
| 1  | Deuteration improves small-molecule fluorophores   |      | 2   |