

# Günter Blobel

## List of Publications by Year in descending order

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37  
papers

5,097  
citations

218677

26  
h-index

377865

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3470  
citing authors

#	ARTICLE	IF	CITATIONS
1	Allosteric modulation of nucleoporin assemblies by intrinsically disordered regions. <i>Science Advances</i> , 2019, 5, eaax1836.	10.3	12
2	Electron microscopy of <i>Chaetomium pom152</i> shows the assembly of ten-bead string. <i>Cell Discovery</i> , 2018, 4, 56.	6.7	14
3	Structure of the 80S Ribosome from <i>Saccharomyces cerevisiae</i> â€“tRNA-Ribosome and Subunit-Subunit Interactions. <i>Journal of Hand Surgery Asian-Pacific Volume</i> , The, 2018, , 286-299.	0.4	0
4	Architecture of the Protein-Conducting Channel Associated with the Translating 80S Ribosome. <i>Journal of Hand Surgery Asian-Pacific Volume</i> , The, 2018, , 274-285.	0.4	0
5	Alignment of Conduits for the Nascent Polypeptide Chain in the Ribosome-Sec61 Complex. <i>Journal of Hand Surgery Asian-Pacific Volume</i> , The, 2018, , 228-231.	0.4	1
6	Human TRPML1 channel structures in open and closed conformations. <i>Nature</i> , 2017, 550, 366-370.	27.8	109
7	3.3 Å... structure of Niemannâ€“Pick C1 protein reveals insights into the function of the C-terminal luminal domain in cholesterol transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9116-9121.	7.1	86
8	Structural and biochemical analyses of the DEAD-box ATPase Sub2 in association with THO or Yra1. <i>ELife</i> , 2017, 6, .	6.0	35
9	Clues to the mechanism of cholesterol transfer from the structure of NPC1 middle luminal domain bound to NPC2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10079-10084.	7.1	153
10	Structure of human Niemannâ€“Pick C1 protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8212-8217.	7.1	137
11	A glutamate/aspartate switch controls product specificity in a protein arginine methyltransferase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2068-2073.	7.1	44
12	Hooking She3p onto She2p for myosin-mediated cytoplasmic mRNA transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 142-147.	7.1	5
13	Allosteric Regulation in Gating the Central Channel of the Nuclear Pore Complex. <i>Cell</i> , 2015, 161, 1361-1373.	28.9	40
14	Ordered Regions of Channel Nucleoporins Nup62, Nup54, and Nup58 Form Dynamic Complexes in Solution. <i>Journal of Biological Chemistry</i> , 2015, 290, 18370-18378.	3.4	18
15	Structure of an integral membrane sterol reductase from <i>Methylomicrobium alcaliphilum</i> . <i>Nature</i> , 2015, 517, 104-107.	27.8	48
16	Vesiculoviral matrix (M) protein occupies nucleic acid binding site at nucleoporin pair (Rae1â€“Nup98). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9127-9132.	7.1	48
17	Carrier-Independent Nuclear Import of the Transcription Factor PU.1.. <i>Blood</i> , 2004, 104, 3561-3561.	1.4	1
18	Proteomics for the pore. <i>Nature</i> , 2000, 403, 835-836.	27.8	34

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19	Structure of the nuclear transport complex karyopherin-Î²2â€™RanE™GppNHp. Nature, 1999, 399, 230-237.	27.8	332
20	Identification of proteins associated with plastoglobules isolated from pea ( Pisum sativum L.) chloroplasts. Planta, 1999, 208, 107-113.	3.2	107
21	The GTP-binding protein Ran/TC4 is required for protein import into the nucleus. Nature, 1993, 365, 661-663.	27.8	759
22	Identification of a receptor for protein import into mitochondria. Nature, 1990, 347, 444-449.	27.8	123
23	Isolation and characterization of the gene for a yeast mitochondrial import receptor. Nature, 1990, 347, 488-491.	27.8	82
24	Identification of a receptor for protein import into chloroplasts and its localization to envelope contact zones. Nature, 1988, 331, 232-237.	27.8	210
25	70K heat shock related proteins stimulate protein translocation into microsomes. Nature, 1988, 332, 805-810.	27.8	1,311
26	How proteins move across the endoplasmic reticulum membrane. Hepatology, 1987, 7, 26S-29S.	7.3	7
27	In vitro synthesized bacterial outer membrane protein is integrated into bacterial inner membranes but translocated across microsomal membranes. Nature, 1986, 323, 71-73.	27.8	26
28	Bovine opsin has more than one signal sequence. Nature, 1985, 318, 338-343.	27.8	198
29	The receptor for transepithelial transport of IgA and IgM contains multiple immunoglobulin-like domains. Nature, 1984, 308, 37-43.	27.8	518
30	Primary structure and genomic organization of the histidine-rich protein of the malaria parasite Plasmodium lophurae. Nature, 1984, 312, 616-620.	27.8	91
31	Role of signal recognition particle in the membrane assembly of Sindbis viral glycoproteins. FEBS Journal, 1984, 140, 499-502.	0.2	41
32	INTRACELLULAR PROTEIN TOPOGENESIS. Biochemical Society Transactions, 1981, 9, 85P-85P.	3.4	0
33	Co-translational membrane integration of calcium pump protein without signal sequence cleavage. Nature, 1981, 292, 87-88.	27.8	70
34	Secretion requires a cytoplasmically disposed sulphhydryl of the RER membrane. Nature, 1980, 286, 174-176.	27.8	28
35	Chicken ovalbumin contains an internal signal sequence. Nature, 1979, 281, 117-121.	27.8	223
36	Transfer of Proteins across Membranes. Biosynthesis in vitro of Pretrypsinogen and Trypsinogen by Cell Fractions of Canine Pancreas. FEBS Journal, 1978, 82, 593-599.	0.2	66

#	ARTICLE	IF	CITATIONS
37	The role of organelles in the chemical modification of the primary translation products of secretory proteins. FEBS Letters, 1976, 72, 215-226.	2.8	120