

GÃ¼nter Blobel

List of Publications by Year in descending order

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Version: 2024-02-01

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	70K heat shock related proteins stimulate protein translocation into microsomes. <i>Nature</i> , 1988, 332, 805-810.	27.8	1,311
2	The GTP-binding protein Ran/TC4 is required for protein import into the nucleus. <i>Nature</i> , 1993, 365, 661-663.	27.8	759
3	The receptor for transepithelial transport of IgA and IgM contains multiple immunoglobulin-like domains. <i>Nature</i> , 1984, 308, 37-43.	27.8	518
4	Structure of the nuclear transport complex karyopherin- β 2 α Ran TM GppNHp. <i>Nature</i> , 1999, 399, 230-237.	27.8	332
5	Chicken ovalbumin contains an internal signal sequence. <i>Nature</i> , 1979, 281, 117-121.	27.8	223
6	Identification of a receptor for protein import into chloroplasts and its localization to envelope contact zones. <i>Nature</i> , 1988, 331, 232-237.	27.8	210
7	Bovine opsin has more than one signal sequence. <i>Nature</i> , 1985, 318, 338-343.	27.8	198
8	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
9	Structure of human Niemann-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
10	Identification of a receptor for protein import into mitochondria. <i>Nature</i> , 1990, 347, 444-449.	27.8	123
11	The role of organelles in the chemical modification of the primary translation products of secretory proteins. <i>FEBS Letters</i> , 1976, 72, 215-226.	2.8	120
12	Human TRPML1 channel structures in open and closed conformations. <i>Nature</i> , 2017, 550, 366-370.	27.8	109
13	Identification of proteins associated with plastoglobules isolated from pea (<i>Pisum sativum</i> L.) chloroplasts. <i>Planta</i> , 1999, 208, 107-113.	3.2	107
14	Primary structure and genomic organization of the histidine-rich protein of the malaria parasite <i>Plasmodium lophurae</i> . <i>Nature</i> , 1984, 312, 616-620.	27.8	91
15	3.3 Å... structure of Niemann-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
16	Isolation and characterization of the gene for a yeast mitochondrial import receptor. <i>Nature</i> , 1990, 347, 488-491.	27.8	82
17	Co-translational membrane integration of calcium pump protein without signal sequence cleavage. <i>Nature</i> , 1981, 292, 87-88.	27.8	70
18	Transfer of Proteins across Membranes. Biosynthesis in vitro of Pretrypsinogen and Trypsinogen by Cell Fractions of Canine Pancreas. <i>FEBS Journal</i> , 1978, 82, 593-599.	0.2	66

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19	Vesiculoviral matrix (M) protein occupies nucleic acid binding site at nucleoporin pair (Rae1&cNup98). Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9127-9132.	7.1	48
20	Structure of an integral membrane sterol reductase from Methylobacterium alcaliphilum. Nature, 2015, 517, 104-107.	27.8	48
21	A glutamate/aspartate switch controls product specificity in a protein arginine methyltransferase. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2068-2073.	7.1	44
22	Role of signal recognition particle in the membrane assembly of Sindbis viral glycoproteins. FEBS Journal, 1984, 140, 499-502.	0.2	41
23	Allosteric Regulation in Gating the Central Channel of the Nuclear Pore Complex. Cell, 2015, 161, 1361-1373.	28.9	40
24	Structural and biochemical analyses of the DEAD-box ATPase Sub2 in association with THO or Yra1. ELife, 2017, 6, .	6.0	35
25	Proteomics for the pore. Nature, 2000, 403, 835-836.	27.8	34
26	Secretion requires a cytoplasmically disposed sulphhydryl of the RER membrane. Nature, 1980, 286, 174-176.	27.8	28
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	Ordered Regions of Channel Nucleoporins Nup62, Nup54, and Nup58 Form Dynamic Complexes in Solution. Journal of Biological Chemistry, 2015, 290, 18370-18378.	3.4	18
29	Electron microscopy of Chaetomium pom152 shows the assembly of ten-bead string. Cell Discovery, 2018, 4, 56.	6.7	14
30	Allosteric modulation of nucleoporin assemblies by intrinsically disordered regions. Science Advances, 2019, 5, eaax1836.	10.3	12
31	How proteins move across the endoplasmic reticulum membrane. Hepatology, 1987, 7, 26S-29S.	7.3	7
32	Hooking She3p onto She2p for myosin-mediated cytoplasmic mRNA transport. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 142-147.	7.1	5
33	Carrier-Independent Nuclear Import of the Transcription Factor PU.1.. Blood, 2004, 104, 3561-3561.	1.4	1
34	Alignment of Conduits for the Nascent Polypeptide Chain in the Ribosome-Sec61 Complex. journal of hand surgery Asian-Pacific volume, The, 2018, , 228-231.	0.4	1
35	INTRACELLULAR PROTEIN TOPOGENESIS. Biochemical Society Transactions, 1981, 9, 85P-85P.	3.4	0
36	Structure of the 80S Ribosome from <i>Saccharomyces cerevisiae</i> â€œtRNA-Ribosome and Subunit-Subunit Interactions. journal of hand surgery Asian-Pacific volume, The, 2018, , 286-299.	0.4	0

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37	Architecture of the Protein-Conducting Channel Associated with the Translating 80S Ribosome. journal of hand surgery Asian-Pacific volume, The, 2018, , 274-285.	0.4	0