Esben Meldgaard Quistgaard

List of Publications by Citations

19 papers	680 citations	11 h-index	21 g-index
21 ext. papers	942 ext. citations	8.6 avg, IF	4.1 L-index

#	Paper	IF	Citations
19	Understanding transport by the major facilitator superfamily (MFS): structures pave the way. *Nature Reviews Molecular Cell Biology*, **2016**, 17, 123-32	48.7	214
18	Ligands bind to Sortilin in the tunnel of a ten-bladed beta-propeller domain. *Nature Structural and Molecular Biology*, **2009**, 16, 96-8	17.6	121
17	Structural basis for substrate transport in the GLUT-homology family of monosaccharide transporters. *Nature Structural and Molecular Biology*, **2013**, 20, 766-8	17.6	103
16	Selectivity mechanism of a bacterial homolog of the human drug-peptide transporters PepT1 and PepT2. *Nature Structural and Molecular Biology*, **2014**, 21, 728-31	17.6	59
15	Multispecific Substrate Recognition in a Proton-Dependent Oligopeptide Transporter. *Structure*, **2018**, 26, 467-476.e4	5.2	26
14	Sequence and structural analysis of the Asp-box motif and Asp-box beta-propellers; a widespread propeller-type characteristic of the Vps10 domain family and several glycoside hydrolase families. *BMC Structural Biology*, **2009**, 9, 46	2.7	25
13	Revisiting the structure of the Vps10 domain of human sortilin and its interaction with neurotensin. *Protein Science*, **2014**, 23, 1291-300	6.3	23
12	Molecular insights into substrate recognition and catalytic mechanism of the chaperone and FKBP peptidyl-prolyl isomerase SlyD. *BMC Biology*, **2016**, 14, 82	7.3	17
11	Structural and biophysical characterization of the cytoplasmic domains of human BAP29 and BAP31. *PLoS ONE*, **2013**, 8, e71111	3.7	15
10	Structure determination of a major facilitator peptide transporter: Inward facing PepTSt from Streptococcus thermophilus crystallized in space group P3121. *PLoS ONE*, **2017**, 12, e0173126	3.7	15
9	Acidic Environment Induces Dimerization and Ligand Binding Site Collapse in the Vps10p Domain of Sortilin. *Structure*, **2017**, 25, 1809-1819.e3	5.2	13
8	Structural and biochemical characterization of human PR70 in isolation and in complex with the scaffolding subunit of protein phosphatase 2A. *PLoS ONE*, **2014**, 9, e101846	3.7	11
7	Interaction between human BAP31 and respiratory syncytial virus small hydrophobic (SH) protein. *Virology*, **2015**, 482, 105-10	3.6	10
6	High-resolution insights into binding of unfolded polypeptides by the PPIase chaperone SlpA. *FASEB Journal*, **2012**, 26, 4003-13	0.9	9
5	A disulfide polymerized protein crystal. *Chemical Communications*, **2014**, 50, 14995-7	5.8	7
4	Metal-mediated crystallization of the xylose transporter XylE from Escherichia coli in three different crystal forms. *Journal of Structural Biology*, **2013**, 184, 375-8	3.4	6
3	BAP31: Physiological functions and roles in disease. *Biochimie*, **2021**, 186, 105-129	4.6	5

2	Mind the Gap: Molecular Architecture of the Axon Initial Segment - From Fold Prediction to a Mechanistic Model of Function?. *Journal of Molecular Biology*, **2021**, 433, 167176	6.5	1
1	Insights into the mechanism of high lipid–detergent crystallization of membrane proteins. *Journal of Applied Crystallography*, **2021**, 54, 1775-1783	3.8	0