Esben Meldgaard Quistgaard

List of Publications by Year
in descending order

19 papers	1,051 citations	759055 12 h-index	794469 19 g-index
21 all docs	21 docs citations	21 times ranked	1600 citing authors

#	Article	IF	Citations
1	Understanding transport by the major facilitator superfamily (MFS): structures pave the way. Nature Reviews Molecular Cell Biology, 2016, 17, 123-132.	16.1	376
2	Ligands bind to Sortilin in the tunnel of a ten-bladed Î²-propeller domain. Nature Structural and Molecular Biology, 2009, 16, 96-98.	3.6	137
3	Structural basis for substrate transport in the GLUT-homology family of monosaccharide transporters. Nature Structural and Molecular Biology, 2013, 20, 766-768.	3.6	126
4	Selectivity mechanism of a bacterial homolog of the human drug-peptide transporters PepT1 and PepT2. Nature Structural and Molecular Biology, 2014, 21, 728-731.	3.6	93
5	Multispecific Substrate Recognition in a Proton-Dependent Oligopeptide Transporter. Structure, 2018, 26, 467-476.e4.	1.6	67
6	Revisiting the structure of the Vps10 domain of human sortilin and its interaction with neurotensin. Protein Science, 2014, 23, 1291-1300.	3.1	37
7	Structure determination of a major facilitator peptide transporter: Inward facing PepTSt from Streptococcus thermophilus crystallized in space group P3121. PLoS ONE, 2017, 12, e0173126.	1.1	35
8	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.	2.3	33
9	Molecular insights into substrate recognition and catalytic mechanism of the chaperone and FKBP peptidyl-prolyl isomerase SlyD. BMC Biology, 2016, 14, 82.	1.7	26
10	BAP31: Physiological functions and roles in disease. Biochimie, 2021, 186, 105-129.	1.3	25
11	Acidic Environment Induces Dimerization and Ligand Binding Site Collapse in the Vps10p Domain of Sortilin. Structure, 2017, 25, 1809-1819.e3.	1.6	19
12	Structural and Biophysical Characterization of the Cytoplasmic Domains of Human BAP29 and BAP31. PLoS ONE, 2013, 8, e71111.	1.1	15
13	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.	1.1	14
14	Interaction between human BAP31 and respiratory syncytial virus small hydrophobic (SH) protein. Virology, 2015, 482, 105-110.	1.1	12
15	Highâ€resolution insights into binding of unfolded polypeptides by the PPIase chaperone SlpA. FASEB Journal, 2012, 26, 4003-4013.	0.2	10
16	A disulfide polymerized protein crystal. Chemical Communications, 2014, 50, 14995-14997.	2.2	8
17	Mind the Gap: Molecular Architecture of the Axon Initial Segment â€“ From Fold Prediction to a Mechanistic Model of Function?. Journal of Molecular Biology, 2021, 433, 167176.	2.0	8
18	Metal-mediated crystallization of the xylose transporter XylE from Escherichia coli in three different crystal forms. Journal of Structural Biology, 2013, 184, 375-378.	1.3	7

#	Article	IF	Citations
19	Insights into the mechanism of high lipidâ€“detergent crystallization of membrane proteins. Journal of Applied Crystallography, 2021, 54, 1775-1783.	1.9	2