

# Esben Meldgaard Quistgaard

## List of Publications by Year in Descending Order

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

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	Insights into the mechanism of high lipid detergent crystallization of membrane proteins. <i>Journal of Applied Crystallography</i> , <b>2021</b> , 54, 1775-1783	3.8	0
18	Mind the Gap: Molecular Architecture of the Axon Initial Segment - From Fold Prediction to a Mechanistic Model of Function?. <i>Journal of Molecular Biology</i> , <b>2021</b> , 433, 167176	6.5	1
17	BAP31: Physiological functions and roles in disease. <i>Biochimie</i> , <b>2021</b> , 186, 105-129	4.6	5
16	Multispecific Substrate Recognition in a Proton-Dependent Oligopeptide Transporter. <i>Structure</i> , <b>2018</b> , 26, 467-476.e4	5.2	26
15	Acidic Environment Induces Dimerization and Ligand Binding Site Collapse in the Vps10p Domain of Sortilin. <i>Structure</i> , <b>2017</b> , 25, 1809-1819.e3	5.2	13
14	Structure determination of a major facilitator peptide transporter: Inward facing PepTSt from <i>Streptococcus thermophilus</i> crystallized in space group P3121. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173126	3.7	15
13	Understanding transport by the major facilitator superfamily (MFS): structures pave the way. <i>Nature Reviews Molecular Cell Biology</i> , <b>2016</b> , 17, 123-32	48.7	214
12	Molecular insights into substrate recognition and catalytic mechanism of the chaperone and FKBP peptidyl-prolyl isomerase SlyD. <i>BMC Biology</i> , <b>2016</b> , 14, 82	7.3	17
11	Interaction between human BAP31 and respiratory syncytial virus small hydrophobic (SH) protein. <i>Virology</i> , <b>2015</b> , 482, 105-10	3.6	10
10	Selectivity mechanism of a bacterial homolog of the human drug-peptide transporters PepT1 and PepT2. <i>Nature Structural and Molecular Biology</i> , <b>2014</b> , 21, 728-31	17.6	59
9	A disulfide polymerized protein crystal. <i>Chemical Communications</i> , <b>2014</b> , 50, 14995-7	5.8	7
8	Revisiting the structure of the Vps10 domain of human sortilin and its interaction with neurotensin. <i>Protein Science</i> , <b>2014</b> , 23, 1291-300	6.3	23
7	Structural and biochemical characterization of human PR70 in isolation and in complex with the scaffolding subunit of protein phosphatase 2A. <i>PLoS ONE</i> , <b>2014</b> , 9, e101846	3.7	11
6	Metal-mediated crystallization of the xylose transporter Xyle from <i>Escherichia coli</i> in three different crystal forms. <i>Journal of Structural Biology</i> , <b>2013</b> , 184, 375-8	3.4	6
5	Structural basis for substrate transport in the GLUT-homology family of monosaccharide transporters. <i>Nature Structural and Molecular Biology</i> , <b>2013</b> , 20, 766-8	17.6	103
4	Structural and biophysical characterization of the cytoplasmic domains of human BAP29 and BAP31. <i>PLoS ONE</i> , <b>2013</b> , 8, e71111	3.7	15
3	High-resolution insights into binding of unfolded polypeptides by the PPIase chaperone SlpA. <i>FASEB Journal</i> , <b>2012</b> , 26, 4003-13	0.9	9

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|---|--|------|-----|
| 2 | 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. <i>BMC Structural Biology</i> , <b>2009</b> , 9, 46 | 2.7  | 25  |
| 1 | Ligands bind to Sortilin in the tunnel of a ten-bladed beta-propeller domain. <i>Nature Structural and Molecular Biology</i> , <b>2009</b> , 16, 96-8  | 17.6 | 121 |