

# Tzviya Zeev-Ben-Mordehai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3626970/publications.pdf>

Version: 2024-02-01

28  
papers

2,120  
citations

361045

20  
h-index

525886

27  
g-index

34  
all docs

34  
docs citations

34  
times ranked

3302  
citing authors

#	ARTICLE	IF	CITATIONS
1	FoldIndex(C): a simple tool to predict whether a given protein sequence is intrinsically unfolded. <i>Bioinformatics</i> , 2005, 21, 3435-3438.	1.8	886
2	Structural Basis of Vesicle Formation at the Inner Nuclear Membrane. <i>Cell</i> , 2015, 163, 1692-1701.	13.5	180
3	Protein assemblies ejected directly from native membranes yield complexes for mass spectrometry. <i>Science</i> , 2018, 362, 829-834.	6.0	155
4	Two distinct trimeric conformations of natively membrane-anchored full-length herpes simplex virus 1 glycoprotein B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4176-4181.	3.3	93
5	Crystal Structure of the Herpesvirus Nuclear Egress Complex Provides Insights into Inner Nuclear Membrane Remodeling. <i>Cell Reports</i> , 2015, 13, 2645-2652.	2.9	80
6	Eukaryotic expression: developments for structural proteomics. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 1114-1124.	2.5	79
7	Conserved Eukaryotic Fusogens Can Fuse Viral Envelopes to Cells. <i>Science</i> , 2011, 332, 589-592.	6.0	75
8	The intracellular domain of the <i>Drosophila</i> cholinesterase-like neural adhesion protein, gliotactin, is natively unfolded. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003, 53, 758-767.	1.5	60
9	The multi-scale architecture of mammalian sperm flagella and implications for ciliary motility. <i>EMBO Journal</i> , 2021, 40, e107410.	3.5	55
10	The Structure of Herpesvirus Fusion Glycoprotein B-Bilayer Complex Reveals the Protein-Membrane and Lateral Protein-Protein Interaction. <i>Structure</i> , 2013, 21, 1396-1405.	1.6	47
11	Biophysical Characterization of the Unstructured Cytoplasmic Domain of the Human Neuronal Adhesion Protein Neuroligin 3. <i>Biophysical Journal</i> , 2008, 95, 1928-1944.	0.2	45
12	A convolutional autoencoder approach for mining features in cellular electron cryo-tomograms and weakly supervised coarse segmentation. <i>Journal of Structural Biology</i> , 2018, 202, 150-160.	1.3	41
13	The full-length cell-cell fusogen EFF-1 is monomeric and upright on the membrane. <i>Nature Communications</i> , 2014, 5, 3912.	5.8	40
14	Extracellular Vesicles: A Platform for the Structure Determination of Membrane Proteins by Cryo-EM. <i>Structure</i> , 2014, 22, 1687-1692.	1.6	39
15	Transient apical polarization of Gliotactin and Coracle is required for parallel alignment of wing hairs in <i>Drosophila</i> . <i>Developmental Biology</i> , 2004, 275, 301-314.	0.9	34
16	A cool hybrid approach to the herpesvirus life cycle. <i>Current Opinion in Virology</i> , 2014, 5, 42-49.	2.6	33
17	Deep learning-based subdivision approach for large scale macromolecules structure recovery from electron cryo tomograms. <i>Bioinformatics</i> , 2017, 33, i13-i22.	1.8	32
18	A dynamic basal complex modulates mammalian sperm movement. <i>Nature Communications</i> , 2021, 12, 3808.	5.8	27

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19	Cryo-EM structure of the native butyrylcholinesterase tetramer reveals a dimer of dimers stabilized by a superhelical assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13270-13275.	3.3	24
20	In-cell structures of conserved supramolecular protein arrays at the mitochondria-cytoskeleton interface in mammalian sperm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	24
21	Acetylcholinesterase in motion: Visualizing conformational changes in crystal structures by a morphing procedure. <i>Biopolymers</i> , 2003, 68, 395-406.	1.2	14
22	Amalgam, an axon guidance <i>Drosophila</i> adhesion protein belonging to the immunoglobulin superfamily: Over-expression, purification and biophysical characterization. <i>Protein Expression and Purification</i> , 2009, 63, 147-157.	0.6	13
23	The Quaternary Structure of Amalgam, a <i>Drosophila</i> Neuronal Adhesion Protein, Explains Its Dual Adhesion Properties. <i>Biophysical Journal</i> , 2009, 97, 2316-2326.	0.2	11
24	Fluoxetine targets an allosteric site in the enterovirus 2C AAA+ ATPase and stabilizes a ring-shaped hexameric complex. <i>Science Advances</i> , 2022, 8, eabj7615.	4.7	11
25	Cryo-electron microscopy of cholinesterases, present and future. <i>Journal of Neurochemistry</i> , 2020, 158, 1236-1243.	2.1	6
26	Looking back and looking forward: contributions of electron microscopy to the structural cell biology of gametes and fertilization. <i>Open Biology</i> , 2020, 10, 200186.	1.5	4
27	Polyproline-rich peptides associated with <i>Torpedo californica</i> acetylcholinesterase tetramers. <i>Chemico-Biological Interactions</i> , 2020, 319, 109007.	1.7	2
28	Studying membrane fusion at molecular resolution. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C187-C188.	0.3	0