Tzviya Zeev-Ben-Mordehai

List of Publications by Year
in descending order

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	Fluoxetine targets an allosteric site in the enterovirus 2C AAA+ ATPase and stabilizes a ring-shaped hexameric complex. Science Advances, 2022, 8, eabj7615.	4.7	11
2	The multiâ€scale architecture of mammalian sperm flagella and implications for ciliary motility. EMBO Journal, 2021, 40, e107410.	3.5	55
3	A dynamic basal complex modulates mammalian sperm movement. Nature Communications, 2021, 12, 3808.	5.8	27
4	In-cell structures of conserved supramolecular protein arrays at the mitochondriaâ€“cytoskeleton interface in mammalian sperm. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	24
5	Cryoâ€electron microscopy of cholinesterases, present and future. Journal of Neurochemistry, 2020, 158, 1236-1243.	2.1	6
6	Looking back and looking forward: contributions of electron microscopy to the structural cell biology of gametes and fertilization. Open Biology, 2020, 10, 200186.	1.5	4
7	Polyproline-rich peptides associated with Torpedo californica acetylcholinesterase tetramers. Chemico-Biological Interactions, 2020, 319, 109007.	1.7	2
8	A convolutional autoencoder approach for mining features in cellular electron cryo-tomograms and weakly supervised coarse segmentation. Journal of Structural Biology, 2018, 202, 150-160.	1.3	41
9	Protein assemblies ejected directly from native membranes yield complexes for mass spectrometry. Science, 2018, 362, 829-834.	6.0	155
10	Cryo-EM structure of the native butyrylcholinesterase tetramer reveals a dimer of dimers stabilized by a superhelical assembly. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13270-13275.	3.3	24
11	Deep learning-based subdivision approach for large scale macromolecules structure recovery from electron cryo tomograms. Bioinformatics, 2017, 33, i13-i22.	1.8	32
12	Two distinct trimeric conformations of natively membrane-anchored full-length herpes simplex virus 1 glycoprotein B. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4176-4181.	3.3	93
13	Crystal Structure of the Herpesvirus Nuclear Egress Complex Provides Insights into Inner Nuclear Membrane Remodeling. Cell Reports, 2015, 13, 2645-2652.	2.9	80
14	Structural Basis of Vesicle Formation at the Inner Nuclear Membrane. Cell, 2015, 163, 1692-1701.	13.5	180
15	The full-length cellâ€“cell fusogen EFF-1 is monomeric and upright on the membrane. Nature Communications, 2014, 5, 3912.	5.8	40
16	Extracellular Vesicles: A Platform for the Structure Determination of Membrane Proteins by Cryo-EM. Structure, 2014, 22, 1687-1692.	1.6	39
17	A cool hybrid approach to the herpesvirus â€˜lifeâ€™ cycle. Current Opinion in Virology, 2014, 5, 42-49.	2.6	33
18	The Structure of Herpesvirus Fusion Glycoprotein B-Bilayer Complex Reveals the Protein-Membrane and Lateral Protein-Protein Interaction. Structure, 2013, 21, 1396-1405.	1.6	47

#	Article	IF	Citations
19	Conserved Eukaryotic Fusogens Can Fuse Viral Envelopes to Cells. Science, 2011, 332, 589-592.	6.0	75
20	Studying membrane fusion at molecular resolution. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C187-C188.	0.3	0
21	Amalgam, an axon guidance Drosophila adhesion protein belonging to the immunoglobulin superfamily: Over-expression, purification and biophysical characterization. Protein Expression and Purification, 2009, 63, 147-157.	0.6	13
22	The Quaternary Structure of Amalgam, a Drosophila Neuronal Adhesion Protein, Explains Its Dual Adhesion Properties. Biophysical Journal, 2009, 97, 2316-2326.	0.2	11
23	Biophysical Characterization of the Unstructured Cytoplasmic Domain of the Human Neuronal Adhesion Protein Neuroligin 3. Biophysical Journal, 2008, 95, 1928-1944.	0.2	45
24	Eukaryotic expression: developments for structural proteomics. Acta Crystallographica Section D: Biological Crystallography, 2006, 62, 1114-1124.	2.5	79
25	FoldIndex(C): a simple tool to predict whether a given protein sequence is intrinsically unfolded. Bioinformatics, 2005, 21, 3435-3438.	1.8	886
26	Transient apical polarization of Gliotactin and Coracle is required for parallel alignment of wing hairs in Drosophila. Developmental Biology, 2004, 275, 301-314.	0.9	34
27	Acetylcholinesterase in motion: Visualizing conformational changes in crystal structures by a morphing procedure. Biopolymers, 2003, 68, 395-406.	1.2	14
28	The intracellular domain of theDrosophila cholinesterase-like neural adhesion protein, gliotactin, is natively unfolded. Proteins: Structure, Function and Bioinformatics, 2003, 53, 758-767.	1.5	60