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List of Publications by Year in Descending Order

19 papers	758 citations	11 h-index	24 g-index
24 ext. papers	1,070 ext. citations	17.5 avg, IF	3.69 L-index

#	Paper	IF	Citations
19	A feature-guided, focused 3D signal permutation method for subtomogram averaging.. *Journal of Structural Biology*, **2022**, 107851	3.4	0
18	Gel-like inclusions of C-terminal fragments of TDP-43 sequester stalled proteasomes in neurons.. *EMBO Reports*, **2022**, e53890	6.5	1
17	In situ architecture of neuronal α-Synuclein inclusions. *Nature Communications*, **2021**, 12, 2110	17.4	24
16	Pathological polyQ expansion does not alter the conformation of the Huntingtin-HAP40 complex. *Structure*, **2021**, 29, 804-809.e5	5.2	3
15	The evolution of the huntingtin-associated protein 40 (HAP40) in conjunction with huntingtin. *BMC Evolutionary Biology*, **2020**, 20, 162	3	4
14	Stress- and ubiquitylation-dependent phase separation of the proteasome. *Nature*, **2020**, 578, 296-300	50.4	92
13	The cryo-electron microscopy structure of huntingtin. *Nature*, **2018**, 555, 117-120	50.4	70
12	Plant G proteins interact with endoplasmic reticulum luminal protein receptors to regulate endoplasmic reticulum retrieval. *Journal of Integrative Plant Biology*, **2018**, 60, 541-561	8.3	5
11	In Situ Structure of Neuronal C9orf72 Poly-GA Aggregates Reveals Proteasome Recruitment. *Cell*, **2018**, 172, 696-705.e12	56.2	196
10	Feature Decomposition Based Saliency Detection in Electron Cryo-Tomograms **2018**, 2018, 2467-2473	0.8	4
9	An integration of fast alignment and maximum-likelihood methods for electron subtomogram averaging and classification. *Bioinformatics*, **2018**, 34, i227-i236	7.2	4
8	Cryo-EM structures of the 80S ribosomes from human parasites Trichomonas vaginalis and Toxoplasma gondii. *Cell Research*, **2017**, 27, 1275-1288	24.7	12
7	CapZ regulates autophagosomal membrane shaping by promoting actin assembly inside the isolation membrane. *Nature Cell Biology*, **2015**, 17, 1112-23	23.4	84
6	Structural insights into the assembly of the 30S ribosomal subunit in vivo: functional role of S5 and location of the 17S rRNA precursor sequence. *Protein and Cell*, **2014**, 5, 394-407	7.2	20
5	Structural and functional insights into the mode of action of a universally conserved Obg GTPase. *PLoS Biology*, **2014**, 12, e1001866	9.7	91
4	Dissecting the in vivo assembly of the 30S ribosomal subunit reveals the role of RimM and general features of the assembly process. *Nucleic Acids Research*, **2013**, 41, 2609-20	20.1	56
3	Cryo-EM structures of the late-stage assembly intermediates of the bacterial 50S ribosomal subunit. *Nucleic Acids Research*, **2013**, 41, 7073-83	20.1	42

2	Structural basis for the function of a small GTPase RsgA on the 30S ribosomal subunit maturation revealed by cryoelectron microscopy. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 13100-5	11.5	47
1	Gel-like inclusions of C-terminal fragments of TDP-43 sequester and inhibit proteasomes in neurons		1