

# Daven Vasishtan

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

751  
citations

687220

13  
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1058333

14  
g-index

16  
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16  
docs citations

16  
times ranked

1114  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA origami signposts for identifying proteins on cell membranes by electron cryotomography. <i>Cell</i> , 2021, 184, 1110-1121.e16.	13.5	43
2	<i>TEMPy</i>: a Python library with improved 3D electron microscopy density-fitting and validation workflows. <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 41-47.	1.1	32
3	Cellular Electron Cryo-Tomography to Study Virus-Host Interactions. <i>Annual Review of Virology</i> , 2020, 7, 239-262.	3.0	14
4	Cryo EM structure of the rabies virus ribonucleoprotein complex. <i>Scientific Reports</i> , 2019, 9, 9639.	1.6	21
5	Cellular electron cryo tomography and in situ sub-volume averaging reveal the context of microtubule-based processes. <i>Journal of Structural Biology</i> , 2017, 197, 181-190.	1.3	39
6	Native structure of a retroviral envelope protein and its conformational change upon interaction with the target cell. <i>Journal of Structural Biology</i> , 2017, 197, 172-180.	1.3	29
7	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
8	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
9	Structural Basis of Vesicle Formation at the Inner Nuclear Membrane. <i>Cell</i> , 2015, 163, 1692-1701.	13.5	180
10	Î³-TEMPy: Simultaneous Fitting of Components in 3D-EM Maps of Their Assembly Using a Genetic Algorithm. <i>Structure</i> , 2015, 23, 2365-2376.	1.6	34
11	The Amphipathic Helix of Adenovirus Capsid Protein VI Contributes to Penton Release and Postentry Sorting. <i>Journal of Virology</i> , 2015, 89, 2121-2135.	1.5	25
12	<i>TEMPy</i>: a Python library for assessment of three-dimensional electron microscopy density fits. <i>Journal of Applied Crystallography</i> , 2015, 48, 1314-1323.	1.9	75
13	The full-length cellâ€“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