

# Tristan Bepler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9575146/publications.pdf>

Version: 2024-02-01

11  
papers

1,931  
citations

1040056

9  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

2371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic molecular evolution of antimicrobial peptides. <i>Current Opinion in Biotechnology</i> , 2022, 75, 102718.	6.6	21
2	CryoDRGN: reconstruction of heterogeneous cryo-EM structures using neural networks. <i>Nature Methods</i> , 2021, 18, 176-185.	19.0	299
3	Learning the protein language: Evolution, structure, and function. <i>Cell Systems</i> , 2021, 12, 654-669.e3.	6.2	194
4	An engineered protein-phosphorylation toggle network with implications for endogenous network discovery. <i>Science</i> , 2021, 373, .	12.6	24
5	Topaz-Denoise: general deep denoising models for cryoEM and cryoET. <i>Nature Communications</i> , 2020, 11, 5208.	12.8	313
6	TOPAZ: A Positive-Unlabeled Convolutional Neural Network CryoEM Particle Picker that can Pick Any Size and Shape Particle. <i>Microscopy and Microanalysis</i> , 2019, 25, 986-987.	0.4	14
7	Visualization of clustered protocadherin neuronal self-recognition complexes. <i>Nature</i> , 2019, 569, 280-283.	27.8	86
8	Positive-unlabeled convolutional neural networks for particle picking in cryo-electron micrographs. <i>Nature Methods</i> , 2019, 16, 1153-1160.	19.0	693
9	Divergence in DNA Specificity among Paralogous Transcription Factors Contributes to Their Differential In Vivo Binding. <i>Cell Systems</i> , 2018, 6, 470-483.e8.	6.2	38
10	Positive-unlabeled convolutional neural networks for particle picking in cryo-electron micrographs. , 2018, 10812, 245-247.		12
11	Human-Chimpanzee Differences in a FZD8 Enhancer Alter Cell-Cycle Dynamics in the Developing Neocortex. <i>Current Biology</i> , 2015, 25, 772-779.	3.9	214