

# Daniel J Mandell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11167799/publications.pdf>

Version: 2024-02-01

12  
papers

3,255  
citations

932766

10  
h-index

1125271

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

5817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rosetta3. <i>Methods in Enzymology</i> , 2011, 487, 545-574.	0.4	1,620
2	Sub-angstrom accuracy in protein loop reconstruction by robotics-inspired conformational sampling. <i>Nature Methods</i> , 2009, 6, 551-552.	9.0	408
3	Biocontainment of genetically modified organisms by synthetic protein design. <i>Nature</i> , 2015, 518, 55-60.	13.7	345
4	A Mechanism for Tunable Autoinhibition in the Structure of a Human Ca <sup>2+</sup> /Calmodulin- Dependent Kinase II Holoenzyme. <i>Cell</i> , 2011, 146, 732-745.	13.5	230
5	A general strategy to construct small molecule biosensors in eukaryotes. <i>ELife</i> , 2015, 4, .	2.8	145
6	Computer-aided design of functional protein interactions. <i>Nature Chemical Biology</i> , 2009, 5, 797-807.	3.9	144
7	Strengths of Hydrogen Bonds Involving Phosphorylated Amino Acid Side Chains. <i>Journal of the American Chemical Society</i> , 2007, 129, 820-827.	6.6	119
8	Backbone flexibility in computational protein design. <i>Current Opinion in Biotechnology</i> , 2009, 20, 420-428.	3.3	93
9	Computational design of a modular protein sense-response system. <i>Science</i> , 2019, 366, 1024-1028.	6.0	91
10	Assessment of flexible backbone protein design methods for sequence library prediction in the therapeutic antibody Herceptin <sup>®</sup> HER2 interface. <i>Protein Science</i> , 2011, 20, 1082-1089.	3.1	30
11	Synthetic auxotrophy remains stable after continuous evolution and in coculture with mammalian cells. <i>Science Advances</i> , 2021, 7, .	4.7	13
12	EGFR-Binding Peptides: From Computational Design towards Tumor-Targeting of Adeno-Associated Virus Capsids. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9535.	1.8	9