

Daniel J Mandell

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

2,467
citations

10
h-index

15
g-index

15
ext. papers

2,964
ext. citations

19.2
avg, IF

4.4
L-index

#	Paper	IF	Citations
12	ROSETTA3: an object-oriented software suite for the simulation and design of macromolecules. <i>Methods in Enzymology</i> , 2011 , 487, 545-74	1.7	1216
11	Sub-angstrom accuracy in protein loop reconstruction by robotics-inspired conformational sampling. <i>Nature Methods</i> , 2009 , 6, 551-2	21.6	329
10	Biocontainment of genetically modified organisms by synthetic protein design. <i>Nature</i> , 2015 , 518, 55-60	50.4	255
9	A mechanism for tunable autoinhibition in the structure of a human Ca ²⁺ /calmodulin- dependent kinase II holoenzyme. <i>Cell</i> , 2011 , 146, 732-45	56.2	167
8	Computer-aided design of functional protein interactions. <i>Nature Chemical Biology</i> , 2009 , 5, 797-807	11.7	131
7	A general strategy to construct small molecule biosensors in eukaryotes. <i>ELife</i> , 2015 , 4,	8.9	114
6	Strengths of hydrogen bonds involving phosphorylated amino acid side chains. <i>Journal of the American Chemical Society</i> , 2007 , 129, 820-7	16.4	94
5	Backbone flexibility in computational protein design. <i>Current Opinion in Biotechnology</i> , 2009 , 20, 420-8	11.4	84
4	Computational design of a modular protein sense-response system. <i>Science</i> , 2019 , 366, 1024-1028	33.3	36
3	Assessment of flexible backbone protein design methods for sequence library prediction in the therapeutic antibody Herceptin-HER2 interface. <i>Protein Science</i> , 2011 , 20, 1082-9	6.3	27
2	EGFR-Binding Peptides: From Computational Design towards Tumor-Targeting of Adeno-Associated Virus Capsids. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
1	Synthetic auxotrophy remains stable after continuous evolution and in coculture with mammalian cells. <i>Science Advances</i> , 2021 , 7,	14.3	3