

Iga Kucharska

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/550516/publications.pdf>

Version: 2024-02-01

14
papers

430
citations

933447

10
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo protein design enables the precise induction of RSV-neutralizing antibodies. <i>Science</i> , 2020, 368, .	12.6	137
2	Refinement of OprH-LPS Interactions by Molecular Simulations. <i>Biophysical Journal</i> , 2017, 112, 346-355.	0.5	50
3	Multivalency transforms SARS-CoV-2 antibodies into ultrapotent neutralizers. <i>Nature Communications</i> , 2021, 12, 3661.	12.8	48
4	Optimizing nanodiscs and bicelles for solution NMR studies of two β -barrel membrane proteins. <i>Journal of Biomolecular NMR</i> , 2015, 61, 261-274.	2.8	31
5	Biochemical Reconstitution of HIV-1 Assembly and Maturation. <i>Journal of Virology</i> , 2020, 94, .	3.4	30
6	Recognition of Semaphorin Proteins by <i>P.Âsordellii</i> Lethal Toxin Reveals Principles of Receptor Specificity in Clostridial Toxins. <i>Cell</i> , 2020, 182, 345-356.e16.	28.9	29
7	OprG Harnesses the Dynamics of its Extracellular Loops to Transport Small Amino Acids across the Outer Membrane of <i>Pseudomonas aeruginosa</i> . <i>Structure</i> , 2015, 23, 2234-2245.	3.3	26
8	Molecular Interactions of Lipopolysaccharide with an Outer Membrane Protein from <i>Pseudomonas aeruginosa</i> Probed by Solution NMR. <i>Biochemistry</i> , 2016, 55, 5061-5072.	2.5	26
9	Inactivation of MS2 Bacteriophage and Adenovirus with Silver and Copper in Solution and Embedded in Ceramic Water Filters. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	1.4	16
10	Structural ordering of the <i>Plasmodium berghei</i> circumsporozoite protein repeats by inhibitory antibody 3D11. <i>ELife</i> , 2020, 9, .	6.0	15
11	Structural details of monoclonal antibody m971 recognition of the membrane-proximal domain of CD22. <i>Journal of Biological Chemistry</i> , 2021, 297, 100966.	3.4	7
12	Protein rethreading: A novel approach to protein design. <i>Scientific Reports</i> , 2016, 6, 26847.	3.3	5
13	Solution NMR Provides New Insight into Lipid-Protein Interaction. <i>Biochemistry</i> , 2017, 56, 4291-4292.	2.5	5
14	Structural basis of <i>Plasmodium vivax</i> inhibition by antibodies binding to the circumsporozoite protein repeats. <i>ELife</i> , 2022, 11, .	6.0	5