

# Eva-Maria Strauch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1140637/publications.pdf>

Version: 2024-02-01

11  
papers

1,952  
citations

1040056

9  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

3312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Design of Proteins Targeting the Conserved Stem Region of Influenza Hemagglutinin. <i>Science</i> , 2011, 332, 816-821.	12.6	527
2	RosettaScripts: A Scripting Language Interface to the Rosetta Macromolecular Modeling Suite. <i>PLoS ONE</i> , 2011, 6, e20161.	2.5	506
3	De novo design of picomolar SARS-CoV-2 miniprotein inhibitors. <i>Science</i> , 2020, 370, 426-431.	12.6	464
4	Design of protein-binding proteins from the target structure alone. <i>Nature</i> , 2022, 605, 551-560.	27.8	164
5	Computational design of trimeric influenza-neutralizing proteins targeting the hemagglutinin receptor binding site. <i>Nature Biotechnology</i> , 2017, 35, 667-671.	17.5	108
6	Computational design of a pH-sensitive IgG binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 675-680.	7.1	74
7	Multiplex pairwise assembly of array-derived DNA oligonucleotides. <i>Nucleic Acids Research</i> , 2016, 44, e43-e43.	14.5	48
8	Rapid Diagnostic Assay for Intact Influenza Virus Using a High Affinity Hemagglutinin Binding Protein. <i>Analytical Chemistry</i> , 2017, 89, 6608-6615.	6.5	17
9	Large-scale design and refinement of stable proteins using sequence-only models. <i>PLoS ONE</i> , 2022, 17, e0265020.	2.5	17
10	Targeting Viral Surface Proteins through Structure-Based Design. <i>Viruses</i> , 2021, 13, 1320.	3.3	10
11	Parallelized identification of on- and off-target protein interactions. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 349-357.	3.4	1