

Robert Jedrzejczak

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,558
citations

840776

11
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

2911
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural plasticity of SARS-CoV-2 3CL Mpro active site cavity revealed by room temperature X-ray crystallography. <i>Nature Communications</i> , 2020, 11, 3202.	12.8	334
2	Structure of papain-like protease from SARS-CoV-2 and its complexes with non-covalent inhibitors. <i>Nature Communications</i> , 2021, 12, 743.	12.8	297
3	Crystal structure of Nsp15 endoribonuclease NendoU from SARS-CoV-2. <i>Protein Science</i> , 2020, 29, 1596-1605.	7.6	294
4	Masitinib is a broad coronavirus 3CL inhibitor that blocks replication of SARS-CoV-2. <i>Science</i> , 2021, 373, 931-936.	12.6	173
5	High-throughput protein purification and quality assessment for crystallization. <i>Methods</i> , 2011, 55, 12-28.	3.8	138
6	Crystal structures of SARS-CoV-2 ADP-ribose phosphatase: from the apo form to ligand complexes. <i>IUCr</i> , 2020, 7, 814-824.	2.2	92
7	Tipiracil binds to uridine site and inhibits Nsp15 endoribonuclease NendoU from SARS-CoV-2. <i>Communications Biology</i> , 2021, 4, 193.	4.4	85
8	2'-O methylation of RNA cap in SARS-CoV-2 captured by serial crystallography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	46
9	Transient and stabilized complexes of Nsp7, Nsp8, and Nsp12 in SARS-CoV-2 replication. <i>Biophysical Journal</i> , 2021, 120, 3152-3165.	0.5	39
10	Structure of <i>Calcarisporiella thermophila</i> Hsp104 Disaggregase that Antagonizes Diverse Proteotoxic Misfolding Events. <i>Structure</i> , 2019, 27, 449-463.e7.	3.3	29
11	Allosteric inhibitors of <i>Mycobacterium tuberculosis</i> tryptophan synthase. <i>Protein Science</i> , 2020, 29, 779-788.	7.6	25
12	A Genomic Island of <i>Vibrio cholerae</i> Encodes a Three-Component Cytotoxin with Monomer and Protomer Forms Structurally Similar to Alpha-Pore-Forming Toxins. <i>Journal of Bacteriology</i> , 2022, 204, e0055521.	2.2	3
13	<i>Mycobacterium tuberculosis</i> Phe-tRNA synthetase: structural insights into tRNA recognition and aminoacylation. <i>Nucleic Acids Research</i> , 2021, 49, 5351-5368.	14.5	1