

# Crystall M D Swarbrick

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6863314/publications.pdf>

Version: 2024-02-01

19  
papers

303  
citations

840776

11  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	NS3 helicase from dengue virus specifically recognizes viral RNA sequence to ensure optimal replication. <i>Nucleic Acids Research</i> , 2017, 45, 12904-12920.	14.5	61
2	Zika Virus NS5 Forms Supramolecular Nuclear Bodies That Sequester Importin- $\alpha$ and Modulate the Host Immune and Pro-Inflammatory Response in Neuronal Cells. <i>ACS Infectious Diseases</i> , 2019, 5, 932-948.	3.8	34
3	Structural Characterisation of the Nuclear Import Receptor Importin Alpha in Complex with the Bipartite NLS of Prp20. <i>PLoS ONE</i> , 2013, 8, e82038.	2.5	22
4	Structural Basis for Regulation of the Human Acetyl-CoA Thioesterase 12 and Interactions with the Steroidogenic Acute Regulatory Protein-related Lipid Transfer (START) Domain. <i>Journal of Biological Chemistry</i> , 2014, 289, 24263-24274.	3.4	22
5	Cell-active carbazole derivatives as inhibitors of the zika virus protease. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 536-545.	5.5	21
6	Structural Characterisation of the Beta-Ketoacyl-Acyl Carrier Protein Synthases, FabF and FabH, of <i>Yersinia pestis</i> . <i>Scientific Reports</i> , 2015, 5, 14797.	3.3	19
7	Luteolin escape mutants of dengue virus map to prM and NS2B and reveal viral plasticity during maturation. <i>Antiviral Research</i> , 2018, 154, 87-96.	4.1	18
8	Structure, function, and regulation of thioesterases. <i>Progress in Lipid Research</i> , 2020, 79, 101036.	11.6	16
9	Subgenomic RNA from Dengue Virus Type 2 Suppresses Replication of Dengue Virus Genomes and Interacts with Virus-Encoded NS3 and NS5 Proteins. <i>ACS Infectious Diseases</i> , 2020, 6, 436-446.	3.8	15
10	Differential expression of two isolates of beak and feather disease virus capsid protein in <i>Escherichia coli</i> . <i>Journal of Virological Methods</i> , 2013, 189, 118-124.	2.1	14
11	Structural determination of importin alpha in complex with beak and feather disease virus capsid nuclear localization signal. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 680-685.	2.1	13
12	Structural Characterization of a Gcn5-Related N-Acetyltransferase from <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2014, 9, e102348.	2.5	12
13	An efficient approach for recombinant expression and purification of the viral capsid protein from beak and feather disease virus (BFDV) in <i>Escherichia coli</i> . <i>Journal of Virological Methods</i> , 2015, 215-216, 1-8.	2.1	10
14	Structural and functional characterization of TesB from <i>Yersinia pestis</i> reveals a unique octameric arrangement of hotdog domains. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 986-995.	2.5	8
15	Amidoxime prodrugs convert to potent cell-active multimodal inhibitors of the dengue virus protease. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113695.	5.5	7
16	Structural and Functional Characterization of the Paal Thioesterase from <i>Streptococcus pneumoniae</i> Reveals a Dual Specificity for Phenylacetyl-CoA and Medium-chain Fatty Acyl-CoAs and a Novel CoA-induced Fit Mechanism. <i>Journal of Biological Chemistry</i> , 2016, 291, 1866-1876.	3.4	6
17	Mycobacteria Encode Active and Inactive Classes of TesB Fatty-Acyl CoA Thioesterases Revealed through Structural and Functional Analysis. <i>Biochemistry</i> , 2017, 56, 1460-1472.	2.5	3
18	Role of ACOT7 in Arachidonic Acid Production and Inflammation. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
19	Crystallization of the acyl-CoA thioesterase TesB from <i>Yersinia pestis</i> . Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 188-190.	0.7	1