

# Dong Hae Shin

## List of Publications by Year in descending order

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46  
papers

1,262  
citations

687363

13  
h-index

361022

35  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimerization Tendency of 3CLpros of Human Coronaviruses Based on the X-ray Crystal Structure of the Catalytic Domain of SARS-CoV-2 3CLpro. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5268.	4.1	4
2	A Study of Drug Repurposing to Identify SARS-CoV-2 Main Protease (3CLpro) Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6468.	4.1	1
3	Crystal structure of pharmaceutical-grade human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 221-228.	7.5	10
4	Inhibition of d-glycero- $\delta^2$ -manno-heptose 1-phosphate adenylyltransferase from <i>Burkholderia pseudomallei</i> by epigallocatechin gallate and myricetin. <i>Biochemical Journal</i> , 2021, 478, 235-245.	3.7	4
5	A study of inhibitors of d-glycero- $\delta^2$ -d-manno-heptose-1-phosphate adenylyltransferase from <i>Burkholderia pseudomallei</i> as a potential antibiotic target. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 776-784.	5.2	3
6	A triple-targeting inhibitory activity of Rose Bengal on polysaccharide biosynthesis of <i>Burkholderia pseudomallei</i> . <i>Archiv Der Pharmazie</i> , 2021, 354, 2000360.	4.1	0
7	A Study of 3CLpros as Promising Targets against SARS-CoV and SARS-CoV-2. <i>Microorganisms</i> , 2021, 9, 756.	3.6	6
8	Stepwise oxidations play key roles in the structural and functional regulations of DJ-1. <i>Biochemical Journal</i> , 2021, 478, 3505-3525.	3.7	7
9	A Study of a Potent Inhibitor Against a GDP-6-Deoxy- $\delta^2$ -Manno-Heptose Biosynthesis Pathway as Antibiotic Candidates. <i>Microbial Drug Resistance</i> , 2020, 26, 385-390.	2.0	6
10	Inhibition of SARS-CoV 3CL protease by flavonoids. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 145-151.	5.2	508
11	A study of Rose Bengal against a 2-keto-3-deoxy-d-manno-octulosonate cytidyltransferase as an antibiotic candidate. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1414-1421.	5.2	3
12	Flavonoids with inhibitory activity against SARS-CoV-2 3CLpro. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1539-1544.	5.2	113
13	GTP Preference of d-Glycero- $\delta^2$ -d-manno-Heptose-1-Phosphate Guanylyltransferase from <i>Yersinia pseudotuberculosis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 280.	4.1	6
14	Flexible loop and helix 2 domains of TCTP are the functional domains of dimerized TCTP. <i>Scientific Reports</i> , 2020, 10, 197.	3.3	11
15	Inhibition of African swine fever virus protease by myricetin and myricitrin. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1045-1049.	5.2	25
16	Characteristics of flavonoids as potent MERS-CoV 3CL-like protease inhibitors. <i>Chemical Biology and Drug Design</i> , 2019, 94, 2023-2030.	3.2	191
17	Tyrosine 51 residue of the syndecan-2 extracellular domain is involved in the interaction with and activation of pro-matrix metalloproteinase-7. <i>Scientific Reports</i> , 2019, 9, 10625.	3.3	6
18	An artificially constructed dimer through deformation of a short zinc-binding loop. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 205-213.	2.3	0

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19	Crystal structure of d-glycero- $\beta$ -d-manno-heptose-1-phosphate guanylyltransferase from <i>Yersinia pseudotuberculosis</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 482-487.	2.3	4
20	Cover Image, Volume 86, Issue 1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, C1.	2.6	0
21	Crystal structure of D-glycero- $\beta$ -d-manno-heptose-1-phosphate adenylyltransferase from <i>Burkholderia pseudomallei</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 124-131.	2.6	6
22	Small molecule activator of Nm23/NDPK as an inhibitor of metastasis. <i>Scientific Reports</i> , 2018, 8, 10909.	3.3	16
23	Expression and crystallographic studies of D-glycero- $\beta$ -d-manno-heptose-1-phosphate adenylyltransferase from <i>Burkholderia pseudomallei</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2017, 73, 90-94.	0.8	3
24	General assay for enzymes in the heptose biosynthesis pathways using electrospray ionization mass spectrometry. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4521-4532.	3.6	11
25	The Tnfaip8-PE complex is a novel upstream effector in the anti-autophagic action of insulin. <i>Scientific Reports</i> , 2017, 7, 6248.	3.3	21
26	Dimerized Translationally Controlled Tumor Protein-Binding Peptide Ameliorates Atopic Dermatitis in NC/Nga Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 256.	4.1	14
27	Crystal Structure of Hypothetical Fructose-Specific EIIB from <i>Escherichia coli</i> . <i>Molecules and Cells</i> , 2016, 39, 495-500.	2.6	2
28	A preliminary X-ray study of 3-deoxy-D-manno-oct-2-ulosonic acid 8-phosphate phosphatase (Yrbl) from <i>Burkholderia pseudomallei</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 790-793.	0.8	2
29	A Preliminary X-ray Study of Murine Tnfaip8/Oxi- $\beta$ . <i>International Journal of Molecular Sciences</i> , 2014, 15, 4523-4530.	4.1	4
30	New molecular interaction of IIA <sup>Ntr</sup> and HPr from <i>Burkholderia pseudomallei</i> identified by X-ray crystallography and docking studies. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1499-1508.	2.6	2
31	Structure and <i>in silico</i> substrate-binding mode of ADP-L-glycero-D-manno-heptose 6-epimerase from <i>Burkholderia thailandensis</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 658-668.	2.5	1
32	Expression and localization of translationally controlled tumor protein in rat urinary organs. <i>Microscopy Research and Technique</i> , 2012, 75, 1576-1581.	2.2	7
33	A preliminary X-ray study of D,D-heptose-1,7-bisphosphate phosphatase from <i>Burkholderia thailandensis</i> E264. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 160-162.	0.7	2
34	Preliminary structural studies on the MtxX protein from <i>Methanococcus jannaschii</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 300-303.	0.7	3
35	Structural and enzymatic characterization of DR1281: A calcineurin-like phosphoesterase from <i>Deinococcus radiodurans</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 1000-1009.	2.6	15
36	Structural and Molecular Genetic Insight into a Widespread Sulfur Oxidation Pathway. <i>Journal of Molecular Biology</i> , 2008, 384, 1287-1300.	4.2	60

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37	A Preliminary X-Ray Study of a Refolded PTS EIBfruc Protein from Escherichia coli. Protein and Peptide Letters, 2008, 15, 630-632.	0.9	2
38	Preliminary Structural Studies on MPN423 Expressed from an Orthologous ORFan of Mycoplasma pneumoniae. Protein and Peptide Letters, 2008, 15, 753-755.	0.9	1
39	Cloning, expression, purification, crystallization and preliminary X-ray diffraction analysis of DsrEFH from <i>Allochromatium vinosum</i> . Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 890-892.	0.7	7
40	Structure-based inference of molecular functions of proteins of unknown function from Berkeley Structural Genomics Center. Journal of Structural and Functional Genomics, 2007, 8, 99-105.	1.2	26
41	Crystal structure of the DUF16 domain of MPN010 from Mycoplasma pneumoniae. Protein Science, 2006, 15, 921-928.	7.6	7
42	Structural Genomics of Minimal Organisms and Protein Fold Space. Journal of Structural and Functional Genomics, 2005, 6, 63-70.	1.2	29
43	Crystal structure of TM1457 from <i>Thermotoga maritima</i> . Journal of Structural Biology, 2005, 152, 113-117.	2.8	12
44	Structure-based functional inference in structural genomics. Journal of Structural and Functional Genomics, 2003, 4, 129-135.	1.2	60
45	Crystal structure of conserved hypothetical protein Aq1575 from <i>Aquifex aeolicus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7980-7985.	7.1	30
46	Crystal structure of a conserved hypothetical protein from <i>Escherichia coli</i> . Journal of Structural and Functional Genomics, 2002, 2, 53-66.	1.2	11