

Clement Angkawidjaja

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

390
citations

840776

11
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of a family I.3 lipase from <i>Pseudomonas</i> sp. MIS38 in a closed conformation. FEBS Letters, 2007, 581, 5060-5064.	2.8	71
2	Structure and stability of a thermostable carboxylesterase from the thermoacidophilic archaeon <i>Sulfolobus tokodaii</i> . FEBS Journal, 2012, 279, 3071-3084.	4.7	41
3	Rational design of a glycosynthase by the crystal structure of β -galactosidase from <i>Bacillus circulans</i> (BgaC) and its use for the synthesis of N-acetyllactosamine type 1 glycan structures. Journal of Biotechnology, 2014, 191, 78-85.	3.8	31
4	X-ray Crystallographic and MD Simulation Studies on the Mechanism of Interfacial Activation of a Family I.3 Lipase with Two Lids. Journal of Molecular Biology, 2010, 400, 82-95.	4.2	28
5	Importance of a repetitive nine-residue sequence motif for intracellular stability and functional structure of a family I.3 lipase. FEBS Letters, 2005, 579, 4707-4712.	2.8	26
6	Engineering of monomeric FK506-binding protein 22 with peptidyl prolyl <i>cis</i> - <i>trans</i> isomerase. FEBS Journal, 2009, 276, 4091-4101.	4.7	25
7	Structure and stability of metagenome-derived glycoside hydrolase family 12 cellulase (LCe1A) a homolog of Cel12A from <i>Rhodothermus marinus</i> . FEBS Open Bio, 2014, 4, 936-946.	2.3	23
8	Structure, activity, and stability of metagenome-derived glycoside hydrolase family 9 endoglucanase with an N-terminal Ig-like domain. Protein Science, 2015, 24, 408-419.	7.6	17
9	Requirement of lid2 for interfacial activation of a family I.3 lipase with unique two lid structures. FEBS Journal, 2012, 279, 3727-3737.	4.7	16
10	Stabilization by Fusion to the C-terminus of Hyperthermophile <i>Sulfolobus tokodaii</i> RNase HI: A Possibility of Protein Stabilization Tag. PLoS ONE, 2011, 6, e16226.	2.5	15
11	Role of polar and nonpolar residues at the active site for PPIase activity of FKBP22 from <i>Shewanella</i> sp. SIB1. FEBS Journal, 2012, 279, 976-986.	4.7	14
12	Structural and biochemical characterization of a metagenome-derived esterase with a long N-terminal extension. Protein Science, 2015, 24, 93-104.	7.6	14
13	Crystal structure of N-domain of FKBP22 from <i>Shewanella</i> sp. SIB1: Dimer dissociation by disruption of Val-Leu knot. Protein Science, 2011, 20, 1755-1764.	7.6	13
14	Identification of the substrate binding site in the N-terminal TBP-like domain of RNase H3. FEBS Letters, 2011, 585, 2313-2317.	2.8	10
15	Activity, stability, and structure of metagenome-derived LC11 RNase H1, a homolog of <i>Sulfolobus tokodaii</i> RNase H1. Protein Science, 2012, 21, 553-561.	7.6	10
16	Structure and characterization of RNase H3 from <i>Aquifex faeolicus</i> . FEBS Journal, 2012, 279, 2737-2753.	4.7	10
17	Structural Basis for the <i>Serratia marcescens</i> Lipase Secretion System: Crystal Structures of the Membrane Fusion Protein and Nucleotide-Binding Domain. Biochemistry, 2017, 56, 6281-6291.	2.5	9
18	Extracellular overproduction and preliminary crystallographic analysis of a family I.3 lipase. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 187-189.	0.7	6

#	ARTICLE	IF	CITATIONS
19	Structural and mechanistic insights into the kynurenine aminotransferase-mediated excretion of kynurenic acid. <i>Journal of Structural Biology</i> , 2014, 185, 257-266.	2.8	5
20	Role of <i>N</i> -terminal extension of <i>B</i> -acillus <i>stearothermophilus</i> <i>RNaseH</i> 2 and <i>C</i> -terminal extension of <i>T</i> -hermotoga <i>maritima</i> <i>RNaseH</i> 2. <i>FEBS Journal</i> , 2013, 280, 5065-5079.	4.7	3
21	Structural basis for salt-dependent folding of ribonuclease H1 from halophilic archaeon <i>Halobacterium</i> sp. NRC-1. <i>Journal of Structural Biology</i> , 2014, 187, 119-128.	2.8	2
22	Affinity shift of ATP upon glycerol binding to a glycerol kinase from the hyperthermophilic archaeon <i>Thermococcus kodakarensis</i> KOD1. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 657-663.	2.2	1