

Lin-Woo Kang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

166
citations

1307594

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1199594

12
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all docs

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docs citations

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times ranked

312
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-resolved pathogenic gene expression analysis of the plant pathogen <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>BMC Genomics</i> , 2016, 17, 345.	2.8	28
2	The Progression of SARS Coronavirus 2 (SARS-CoV2): Mutation in the Receptor Binding Domain of Spike Gene. <i>Immune Network</i> , 2020, 20, e41.	3.6	26
3	PLP undergoes conformational changes during the course of an enzymatic reaction. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 596-606.	2.5	25
4	Dual activity of PNGM-1 pinpoints the evolutionary origin of subclass B3 metallo- β -lactamases: a molecular and evolutionary study. <i>Emerging Microbes and Infections</i> , 2019, 8, 1688-1700.	6.5	20
5	Homologous Expression and T3SS-Dependent Secretion of TAP-Tagged Xo2276 in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> Induced by Rice Leaf Extract and Its Direct In Vitro Recognition of Putative Target DNA Sequence. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 22-28.	2.1	10
6	Development of Tagaturonate 3-Epimerase into Tagatose 4-Epimerase with a Biocatalytic Route from Fructose to Tagatose. <i>ACS Catalysis</i> , 2020, 10, 12212-12222.	11.2	9
7	Structure of β -alanine- β -alanine ligase from <i>Yersinia pestis</i> : nucleotide phosphate recognition by the serine loop. <i>Acta Crystallographica Section D: Structural Biology</i> , 2016, 72, 12-21.	2.3	7
8	Structure-based prediction and identification of 4-epimerization activity of phosphate sugars in class II aldolases. <i>Scientific Reports</i> , 2017, 7, 1934.	3.3	6
9	Elucidating the Effects of Curcumin against Influenza Using In Silico and In Vitro Approaches. <i>Pharmaceuticals</i> , 2021, 14, 880.	3.8	6
10	Crystallization and preliminary X-ray crystallographic analysis of the XoGroEL chaperonin from <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 604-607.	0.8	5
11	The novel metallo- β -lactamase PNGM-1 from a deep-sea sediment metagenome: crystallization and X-ray crystallographic analysis. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 644-649.	0.8	5
12	DNA Markers to Discriminate <i>Cannabis sativa</i> L. Δ^9 -Tetrahydrocannabinol (THC) Content from Other South Korea Cultivars Based on the Nucleotide Sequences of β -Ketoacyl-CoA Synthase and Putative β -Ketoacyl-CoA Synthase Genes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	1.2	5
13	Catalytic Intermediate Crystal Structures of Cysteine Desulfurase from the Archaeon <i>Thermococcus onnurineus</i> NA1. <i>Archaea</i> , 2017, 2017, 1-11.	2.3	4
14	Structural Study of Metal Binding and Coordination in Ancient Metallo- β -Lactamase PNGM-1 Variants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4926.	4.1	4
15	Structural Insights for Core Scaffold and Substrate Specificity of B1, B2, and B3 Metallo- β -Lactamases. <i>Frontiers in Microbiology</i> , 2021, 12, 752535.	3.5	2
16	Crystal Structure of Chaperonin GroEL from <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Crystals</i> , 2019, 9, 399.	2.2	1