Masahiro Fujihashi

List of Publications by Year
in descending order

19	301	1040056 9	940533 16
papers	citations	h-index	g-index

19	19	19	519
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal Structure of Fucose-Specific Lectin fromAleuria aurantiaBinding Ligands at Three of Its Five Sugar Recognition Sitesâ€‚â€¡. Biochemistry, 2003, 42, 11093-11099.	2.5	67
2	Crystal Structure of Archaeal Photolyase from Sulfolobus tokodaii with Two FAD Molecules: Implication of a Novel Light-harvesting Cofactor. Journal of Molecular Biology, 2007, 365, 903-910.	4.2	65
3	Substrate Distortion Contributes to the Catalysis of Orotidine 5â€²-Monophosphate Decarboxylase. Journal of the American Chemical Society, 2013, 135, 17432-17443.	13.7	27
4	Crystal structure and functional analysis of large-terpene synthases belonging to a newly found subclass. Chemical Science, 2018, 9, 3754-3758.	7.4	25
5	Structural characterization of a ligandâ€bound form of Bacillus subtilis FadR involved in the regulation of fatty acid degradation. Proteins: Structure, Function and Bioinformatics, 2014, 82, 1301-1310.	2.6	23
6	Identification of a pyrophosphate-dependent kinase and its donor selectivity determinants. Nature Communications, 2018, 9, 1765.	12.8	17
7	Atomic Resolution Structure of the Orotidine 5â€²-Monophosphate Decarboxylase Product Complex Combined with Surface Plasmon Resonance Analysis. Journal of Biological Chemistry, 2013, 288, 9011-9016.	3.4	13
8	Mutation design of a thermophilic Rubisco based on threeâ€dimensional structure enhances its activity at ambient temperature. Proteins: Structure, Function and Bioinformatics, 2016, 84, 1339-1346.	2.6	11
9	X-ray crystallographic characterization and phasing of a fucose-specific lectin fromAleuria aurantia. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 378-380.	2.5	10
10	An Uncharacterized Member of the Ribokinase Family in Thermococcus kodakarensis Exhibits myo-Inositol Kinase Activity. Journal of Biological Chemistry, 2013, 288, 20856-20867.	3.4	9
11	Crystal Structure and Product Analysis of an Archaeal myo-Inositol Kinase Reveal Substrate Recognition Mode and 3-OH Phosphorylation. Biochemistry, 2015, 54, 3494-3503.	2.5	7
12	Structural Study on the Reaction Mechanism of a Free Serine Kinase Involved in Cysteine Biosynthesis. ACS Chemical Biology, 2017, 12, 1514-1523.	3.4	7
13	Characterization of Class IB Terpene Synthase: The First Crystal Structure Bound with a Substrate Surrogate. ACS Chemical Biology, 2020, 15, 1517-1525.	3.4	7
14	Orotidine Monophosphate Decarboxylase â€“ A Fascinating Workhorse Enzyme with Therapeutic Potential. Journal of Genetics and Genomics, 2015, 42, 221-234.	3.9	6
15	Identification and enzymatic analysis of an archaeal ATP-dependent serine kinase from the hyperthermophilic archaeon Staphylothermus marinus. Journal of Bacteriology, 2021, 203, e0002521.	2.2	5
16	Altering the Phosphorylation Position of Pyrophosphate-Dependent myo-Inositol-1-Kinase Based on Its Crystal Structure. ACS Chemical Biology, 2021, 16, 794-799.	3.4	2
17	2P020 Crystal Structure of Prefoldin beta Subunits Oligomer(Proteins-structure and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1	0.1	0
18	Crystallographic Analysis with Anomalous Dispersion Effects of Phosphorus Atoms Using Remote and Automated Measurements. Nihon Kessho Gakkaishi, 2021, 63, 222-223.	0.0	0

#	Article	IF	Citations
19	Insight into the mechanism of geranyl-Î²-phellandrene formation catalyzed by Class IB terpene synthases. Bioscience, Biotechnology and Biochemistry, 2022, , .	1.3	0