

Fumihiko Kawai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7616638/publications.pdf>

Version: 2024-02-01

21
papers

959
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1737
citing authors

#	ARTICLE	IF	CITATIONS
1	The structural basis for an essential subunit interaction in influenza virus RNA polymerase. <i>Nature</i> , 2008, 454, 1127-1131.	27.8	234
2	Visualizing breathing motion of internal cavities in concert with ligand migration in myoglobin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2612-2616.	7.1	110
3	Cyclosporin derivatives inhibit hepatitis B virus entry without interfering with NTCP transporter activity. <i>Journal of Hepatology</i> , 2017, 66, 685-692.	3.7	99
4	A Novel Tricyclic Polyketide, Vanitaracin A, Specifically Inhibits the Entry of Hepatitis B and D Viruses by Targeting Sodium Taurocholate Cotransporting Polypeptide. <i>Journal of Virology</i> , 2015, 89, 11945-11953.	3.4	79
5	Structural insight into photoactivation of an adenylate cyclase from a photosynthetic cyanobacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6659-6664.	7.1	69
6	A Novel Intein-Like Autoproteolytic Mechanism in Autotransporter Proteins. <i>Journal of Molecular Biology</i> , 2010, 402, 645-656.	4.2	67
7	Structural Insights into the Glycosyltransferase Activity of the <i>Actinobacillus pleuropneumoniae</i> HMW1C-like Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 38546-38557.	3.4	49
8	Crystal Structures of Penicillin-Binding Protein 3 (PBP3) from Methicillin-Resistant <i>Staphylococcus aureus</i> in the Apo and Cefotaxime-Bound Forms. <i>Journal of Molecular Biology</i> , 2012, 423, 351-364.	4.2	48
9	Crystal structure of MytiLec, a galactose-binding lectin from the mussel <i>Mytilus galloprovincialis</i> with cytotoxicity against certain cancer cell types. <i>Scientific Reports</i> , 2016, 6, 28344.	3.3	39
10	Mutational Analysis of the Substrate Specificity of <i>Escherichia coli</i> Penicillin Binding Protein 4. <i>Biochemistry</i> , 2009, 48, 2675-2683.	2.5	35
11	Crystal Structures of Penicillin-Binding Proteins 4 and 5 from <i>Haemophilus influenzae</i> . <i>Journal of Molecular Biology</i> , 2010, 396, 634-645.	4.2	26
12	Crystal structure of JlpA, a surface-exposed lipoprotein adhesin of <i>Campylobacter jejuni</i> . <i>Journal of Structural Biology</i> , 2012, 177, 583-588.	2.8	22
13	Nickel binding to NikA: an additional binding site reconciles spectroscopy, calorimetry and crystallography. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2007, 63, 221-229.	2.5	18
14	Chemical array system, a platform to identify novel hepatitis B virus entry inhibitors targeting sodium taurocholate cotransporting polypeptide. <i>Scientific Reports</i> , 2018, 8, 2769.	3.3	17
15	Crystal structure of oxidized cytochrome <i>c</i> ₆ from <i>Arabidopsis thaliana</i> . <i>FEBS Letters</i> , 2006, 580, 3763-3768.	2.8	14
16	Crystallization and Structural Analysis of Cytochrome <i>c</i> ₆ from the Diatom <i>Phaeodactylum tricornutum</i> at 1.5 Å... Resolution. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 189-191.	1.3	12
17	Cloning, expression and purification of cytochrome <i>c</i> ₆ from the brown alga <i>Hizikia fusiformis</i> and complete X-ray diffraction analysis of the structure. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 674-680.	0.7	8
18	Plasmid-Based One-Pot Saturation Mutagenesis and Robot-Based Automated Screening for Protein Engineering. <i>ACS Omega</i> , 2018, 3, 7715-7726.	3.5	7

#	ARTICLE	IF	CITATIONS
19	Expression, Purification, Physicochemical Characterization and Structural Analysis of Cytochrome <i>c</i> ₅₅₄ from <i>Vibrio parahaemolyticus</i> Strain RIMD2210633. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1113-1115.	1.3	3
20	Crystal structure of the <i>Campylobacter jejuni</i> Cj0090 protein reveals a novel variant of the immunoglobulin fold among bacterial lipoproteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 2804-2809.	2.6	2
21	Crystallization and preliminary crystallographic studies of the butyrolactone autoregulator receptor protein (BarA) from <i>Streptomyces virginiae</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 662-664.	0.7	1