

Tsuyoshi Imasaki

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

820
citations

759233

12
h-index

794594

19
g-index

28
all docs

28
docs citations

28
times ranked

1240
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution crystal structure of human asparagine synthetase enables analysis of inhibitor binding and selectivity. <i>Communications Biology</i> , 2019, 2, 345.	4.4	22
2	A practical method for efficient and optimal production of Seleno-methionine-labeled recombinant protein complexes in the insect cells. <i>Protein Science</i> , 2019, 28, 808-822.	7.6	3
3	Structural insight into microtubule stabilization and kinesin inhibition by Tau family MAPs. <i>Journal of Cell Biology</i> , 2018, 217, 4155-4163.	5.2	35
4	Titer estimation for quality control (TEQC) method: A practical approach for optimal production of protein complexes using the baculovirus expression vector system. <i>PLoS ONE</i> , 2018, 13, e0195356.	2.5	14
5	Recent progress in structural biology: lessons from our research history. <i>Microscopy (Oxford)</i> , 2017, 16, 1-7.	1.5	7
6	Yeast Hrq1 shares structural and functional homology with the disease-linked human RecQ4 helicase. <i>Nucleic Acids Research</i> , 2017, 45, 5217-5230.	14.5	43
7	Expression and purification of functional human glycogen synthase-1 (hGYS1) in insect cells. <i>Protein Expression and Purification</i> , 2013, 90, 78-83.	1.3	12
8	Interaction of the Mediator Head Module with RNA Polymerase II. <i>Structure</i> , 2012, 20, 899-910.	3.3	30
9	MultiBac: expanding the research toolbox for multiprotein complexes. <i>Trends in Biochemical Sciences</i> , 2012, 37, 49-57.	7.5	201
10	Architecture of the Mediator head module. <i>Nature</i> , 2011, 475, 240-243.	27.8	104
11	Substrate Specificity of Lymphoid-specific Tyrosine Phosphatase (Lyp) and Identification of Src Kinase-associated Protein of 55 kDa Homolog (SKAP-HOM) as a Lyp Substrate. <i>Journal of Biological Chemistry</i> , 2011, 286, 30526-30534.	3.4	26
12	Crystallization and X-ray diffraction studies of DNA-free and DNA-bound forms of EcoO109I DNA methyltransferase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1528-1530.	0.7	0
13	Mediator Head module structure and functional interactions. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 273-279.	8.2	85
14	Crystal Structure of the Human HsMar1-Derived Transposase Domain in the DNA Repair Enzyme Metnase. <i>Biochemistry</i> , 2010, 49, 5705-5713.	2.5	26
15	Mediator Structure and Interaction with the Basal Transcription Machinery. <i>FASEB Journal</i> , 2010, 24, 679.2.	0.5	0
16	Mediator Structural Conservation and Implications for the Regulation Mechanism. <i>Structure</i> , 2009, 17, 559-567.	3.3	88
17	Structural Basis for Substrate Recognition and Dissociation by Human Transportin 1. <i>Molecular Cell</i> , 2007, 28, 57-67.	9.7	75
18	Crystallization and preliminary X-ray crystallographic studies of transportin 1 in complex with nucleocytoplasmic shuttling and nuclear localization fragments. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 785-787.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Crystal Structures of Type II Restriction Endonuclease EcoO109I and Its Complex with Cognate DNA. Journal of Biological Chemistry, 2005, 280, 5605-5610.	3.4	25
20	Crystallization and preliminary X-ray crystallographic analyses of EcoO109I and its complex with DNA. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1165-1166.	2.5	4
21	CAMSAP2 organizes a β -tubulin-independent microtubule nucleation centre through phase separation. ELife, 0, 11, .	6.0	12