

Kenichiro Imai

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,029
citations

361413

20
h-index

265206

42
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49
all docs

49
docs citations

49
times ranked

3463
citing authors

#	ARTICLE	IF	CITATIONS
19	Role of the TOM Complex in Protein Import into Mitochondria: Structural Views. <i>Annual Review of Biochemistry</i> , 2022, 91, 679-703.	11.1	31
20	The Apoptotic Initiator Caspase-8: Its Functional Ubiquity and Genetic Diversity during Animal Evolution. <i>Molecular Biology and Evolution</i> , 2014, 31, 3282-3301.	8.9	25
21	Identification of new abscisic acid receptor agonists using a wheat cell-free based drug screening system. <i>Scientific Reports</i> , 2018, 8, 4268.	3.3	23
22	Tools for the Recognition of Sorting Signals and the Prediction of Subcellular Localization of Proteins From Their Amino Acid Sequences. <i>Frontiers in Genetics</i> , 2020, 11, 607812.	2.3	17
23	A Novel Mitosomal β -Barrel Outer Membrane Protein in <i>Entamoeba</i> . <i>Scientific Reports</i> , 2015, 5, 8545.	3.3	16
24	Structural snapshot of the mitochondrial protein import gate. <i>FEBS Journal</i> , 2021, 288, 5300-5310.	4.7	14
25	Screening and discovery of lineage-specific mitosomal membrane proteins in <i>Entamoeba histolytica</i> . <i>Molecular and Biochemical Parasitology</i> , 2016, 209, 10-17.	1.1	13
26	Mitochondrial β -Barrel Proteins, an Exclusive Club?. <i>Cell</i> , 2008, 135, 1158-1159.	28.9	11
27	ScreenCap3: Improving prediction of caspase cleavage sites using experimentally verified noncleavage sites. <i>Proteomics</i> , 2014, 14, 2042-2046.	2.2	9
28	Hinge-Deficient IgG1 Fc Fusion: Application to Human Lactoferrin. <i>Molecular Pharmaceutics</i> , 2017, 14, 3025-3035.	4.6	7
29	An <i>Entamoeba</i> -Specific Mitosomal Membrane Protein with Potential Association to the Golgi Apparatus. <i>Genes</i> , 2019, 10, 367.	2.4	7
30	Mammalian BCAS3 and C16orf70 associate with the phagophore assembly site in response to selective and non-selective autophagy. <i>Autophagy</i> , 2021, 17, 2011-2036.	9.1	6
31	Conservation of structure and function in vertebrate c-FLIP proteins despite rapid evolutionary change. <i>Biochemistry and Biophysics Reports</i> , 2015, 3, 175-189.	1.3	5
32	Novel lineage-specific transmembrane β -barrel proteins in the endoplasmic reticulum of <i>Entamoeba histolytica</i> . <i>FEBS Journal</i> , 2019, 286, 3416-3432.	4.7	4
33	Distinct mutations in importin- β family nucleocytoplasmic transport receptors transportin-SR and importin-13 affect specific cargo binding. <i>Scientific Reports</i> , 2021, 11, 15649.	3.3	4
34	<i>Entamoeba histolytica</i> EHD1 Is Involved in Mitosome-Endosome Contact. <i>MBio</i> , 2022, 13, e0384921.	4.1	4
35	Ultrasonic Properties of a Binary System of a Soluble Protein, β -Lactalbumin and Dimyristoyl Phosphatidylcholine Membrane. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 2948-2949.	1.5	3
36	Localization Prediction and Structure-Based In Silico Analysis of Bacterial Proteins: With Emphasis on Outer Membrane Proteins. <i>Methods in Molecular Biology</i> , 2013, 939, 115-140.	0.9	3

#	ARTICLE	IF	CITATIONS
37	Unfolding is the driving force for mitochondrial import and degradation of the Parkinson's disease-related protein DJ-1. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	3
38	Secondary structure breakers and hairpin structures in myoglobin and hemoglobin. <i>Chem-Bio Informatics Journal</i> , 2005, 5, 65-77.	0.3	3
39	Physicochemical properties of amino acid sequences of G-proteins for understanding GPCR-G-protein coupling. <i>Chem-Bio Informatics Journal</i> , 2006, 6, 1-16.	0.3	2
40	Import of <i>Entamoeba histolytica</i> Mitosomal ATP Sulfurylase Relies on Internal Targeting Sequences. <i>Microorganisms</i> , 2020, 8, 1229.	3.6	2
41	Common Pattern of Coarse-Grained Charge Distribution of Structurally Analogous Proteins. <i>Chem-Bio Informatics Journal</i> , 2003, 3, 194-200.	0.3	2
42	Effect of Carbonic Anhydrase II in Molten Globule State on Physical Properties of Dimyristoylphosphatidylcholine Liposome. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 3521-3525.	1.5	1
43	Prediction of Protein Localization. , 2019, , 53-59.		1
44	Lack of Hikeshi activates HSF1 activity under normal conditions and disturbs the heat-shock response. <i>Life Science Alliance</i> , 2022, 5, e202101241.	2.8	1
45	A Fourth Type of Secondary Structure Breaker. , 2007, , 165-170.		0