Takashi Saitoh

List of Publications by Year
in descending order

22 papers	642 citations	687363 13 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	787 citing authors

#	Article	IF	Citations
1	C-terminal aromatic residue of Plasmodium ferredoxin important for the interaction with ferredoxin: NADP(H) oxidoreductase: possible involvement for artemisinin resistance of human malaria parasites. Journal of Biochemistry, 2020, 168, 427-434.	1.7	6
2	Nrp1 is Activated by Konjac Ceramide Binding-Induced Structural Rigidification of the a1a2 Domain. Cells, 2020, 9, 517.	4.1	2
3	Plasmodium-specific basic amino acid residues important for the interaction with ferredoxin on the surface of ferredoxin-NADP+ reductase. Journal of Biochemistry, 2018, 164, 231-237.	1.7	11
4	Structural insights into modulation and selectivity of transsynaptic neurexinâ€“LRRTM interaction. Nature Communications, 2018, 9, 3964.	12.8	29
5	Crystallographic and NMR Evidence for Flexibility in Oligosaccharyltransferases and Its Catalytic Significance. Structure, 2013, 21, 32-41.	3.3	28
6	Energetics of the Presequence-Binding Poses in Mitochondrial Protein Import Through Tom20. Journal of Physical Chemistry B, 2013, 117, 2864-2871.	2.6	11
7	A new structural insight into differential interaction of cyanobacterial and plant ferredoxins with nitrite reductase as revealed by NMR and X-ray crystallographic studies. Journal of Biochemistry, 2012, 151, 483-492.	1.7	38
8	Crystallographic Snapshots of Tom20â€“Mitochondrial Presequence Interactions with Disulfide-Stabilized Peptides. Biochemistry, 2011, 50, 5487-5496.	2.5	19
9	3G1446 Molecular dynamics simulation of outer mitochondrial membrane protein Tom20-presequence complex(3G Protein: Structure 4,The 49th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2011, 51, S131-S132.	0.1	0
10	2P123 Molecular dynamics simulation of outer mitochondrial membrane protein Tom20-presequence complex(The 48th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2010, 50, S103-S104.	0.1	0
11	Different Inhibitory Effects in Rat and Human Carboxylesterases. Drug Metabolism and Disposition, 2009, 37, 956-961.	3.3	46
12	Presequences of Mitochondrial Proteins are Recognized through Dynamic Equilibrium Mechanism. Seibutsu Butsuri, 2009, 49, 242-243.	0.1	0
13	Allosteric kinetics of human carboxylesterase 1: Species differences and interindividual variability. Journal of Pharmaceutical Sciences, 2008, 97, 5434-5445.	3.3	27
14	Molecular Interaction of Ferredoxin and Ferredoxin-NADP+ Reductase from Human Malaria Parasite. Journal of Biochemistry, 2007, 142, 715-720.	1.7	20
15	Tom20 recognizes mitochondrial presequences through dynamic equilibrium among multiple bound states. EMBO Journal, 2007, 26, 4777-4787.	7.8	142
16	NMR Study of the Electron Transfer Complex of Plant Ferredoxin and Sulfite Reductase. Journal of Biological Chemistry, 2006, 281, 10482-10488.	3.4	42
17	Electronic Structures of Five-Coordinate Iron(III) Porphyrin Complexes with Highly Ruffled Porphyrin Ring. Inorganic Chemistry, 2004, 43, 5034-5043.	4.0	44
18	Correlation between thegTensors and the Nonplanarity of Porphyrin Rings inDesulfovibrio vulgarisMiyazaki F Cytochromec3, Studied by Single Crystal EPR. Bulletin of the Chemical Society of Japan, 2004, 77, 357-363.	3.2	8

#	Article	IF	Citations
19	Structure Analysis of Highly S4-Ruffled Bis(2-methylimidazole)(meso-tetraethylporphyrinato)iron(III) Chloride. Chemistry Letters, 2002, 31, 432-433.	1.3	5
20	Factors Affecting the Electronic Ground State of Low-Spin Iron(III) Porphyrin Complexes. Inorganic Chemistry, 2001, 40, 3423-3434.	4.0	65
21	Spin Distribution in Low-Spin (meso-Tetraalkylporphyrinato)iron(III) Complexes with (dxz,dyz)4(dxy)1 Configuration. Studies by 1H NMR, 13C NMR, and EPR Spectroscopies. Journal of the American Chemical Society, 2000, 122, 4068-4076.	13.7	85
22	Barriers to rotation of axially coordinated imidazole ligands in nonplanar meso-tetraalkylporphyrinato-cobalt(III) complexes. Tetrahedron, 1997, 53, 12487-12496.	1.9	14