Norifumi Muraki

List of Publications by Year
in descending order

28	909	1051969 10	759306 22
papers	citations	h-index	g-index

28	28	28	1436
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal structural analysis of aldoxime dehydratase from Bacillus sp. OxB-1: Importance of surface residues in optimization for crystallization. Journal of Inorganic Biochemistry, 2022, 230, 111770.	1.5	9
2	Structural Characterization of Y29F Mutant of Thermoglobin from a Hyperthermophilic Bacterium Aquifex aeolicus. Chemistry Letters, 2021, 50, 603-606.	0.7	0
3	Kinetic and structural insight into a role of the re-face Tyr328 residue of the homodimer type ferredoxin-NADP+ oxidoreductase from Rhodopseudomonas palustris in the reaction with NADP+/NADPH. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148140.	0.5	5
4	X-ray dose-dependent structural changes of the [2Fe-2S] ferredoxin from Chlamydomonas reinhardtii. Journal of Biochemistry, 2020, 167, 549-555.	0.9	13
5	Molecular Mechanism of Heme Transport and Uptake Reaction in Corynebacteria. Nihon Kessho Gakkaishi, 2020, 62, 78-79.	0.0	0
6	Structural characterization of HypX responsible for CO biosynthesis in the maturation of NiFe-hydrogenase. Communications Biology, 2019, 2, 385.	2.0	13
7	Structural basis for the heme transfer reaction in heme uptake machinery from Corynebacteria. Chemical Communications, 2019, 55, 13864-13867.	2.2	5
8	Crystal structure of the starch-binding domain of glucoamylase fromAspergillus niger. Acta Crystallographica Section F, Structural Biology Communications, 2017, 73, 550-554.	0.4	8
9	Structural Characterization of Heme Environmental Mutants of CgHmuT that Shuttles Heme Molecules to Heme Transporters. International Journal of Molecular Sciences, 2016, 17, 829.	1.8	8
10	Structural Basis for Heme Recognition by HmuT Responsible for Heme Transport to the Heme Transporter in Corynebacterium glutamicum. Chemistry Letters, 2016, 45, 24-26.	0.7	7
11	A structural view of synthetic cofactor integration into [FeFe]-hydrogenases. Chemical Science, 2016, 7, 959-968.	3.7	122
12	A new biological function of heme as a signaling molecule. Journal of Porphyrins and Phthalocyanines, 2015, 19, 9-20.	0.4	3
13	X-ray Structure and Nuclear Magnetic Resonance Analysis of the Interaction Sites of the Ga-Substituted Cyanobacterial Ferredoxin. Biochemistry, 2015, 54, 6052-6061.	1.2	29
14	Concentration-dependent oligomerization of cross-linked complexes between ferredoxin and ferredoxinâ€“NADP+ reductase. Biochemical and Biophysical Research Communications, 2013, 434, 867-872.	1.0	6
15	Crystal Structures of Copper-depleted and Copper-bound Fungal Pro-tyrosinase. Journal of Biological Chemistry, 2013, 288, 22128-22140.	1.6	72
16	Structures of cyanobacteriochromes from phototaxis regulators AnPixJ and TePixJ reveal general and specific photoconversion mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 918-923.	3.3	154
17	2P256 Crystal Structure of Ga-substituted Ferredoxin and its interaction sites for Photosystem I and Ferredoxin-NADP^+ reductase(18B. Photobiology: Photosynthesis,Poster). Seibutsu Butsuri, 2013, 53, S201.	0.0	0
18	Crystal Structure of Ferredoxin-NAD(P)+ Reductase from the Green Sulfur Bacterium Chlorobaculum Tepidum. Advanced Topics in Science and Technology in China, 2013, , 189-192.	0.0	0

#	Article	IF	Citations
19	N-Terminal Structure of Maize Ferredoxin:NADP⁺ Reductase Determines Recruitment into Different Thylakoid Membrane Complexes. Plant Cell, 2012, 24, 2979-2991.	3.1	28
20	Cloning, expression, crystallization and preliminary X-ray studies of the ferredoxinâ€"NAD(P)⁺reductase from the thermophilic cyanobacteriumThermosynechococcus elongatusBP-1. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 1048-1051.	0.7	3
21	Crystallization and preliminary X-ray studies of an electron-transfer complex of ferredoxin and ferredoxin-dependent glutamate synthase from the cyanobacteriumLeptolyngbya boryana. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 324-327.	0.7	4
22	Crystal Structure of Dark-Operative Protochlorophyllide Reductase Reveals the Structural Basis for Nitrogenase-Like Enzymes. Nihon Kessho Gakkaishi, 2011, 53, 113-118.	0.0	0
23	X-ray crystal structure of the light-independent protochlorophyllide reductase. Nature, 2010, 465, 110-114.	13.7	168
24	Asymmetric Dimeric Structure of Ferredoxin-NAD(P)+ Oxidoreductase from the Green Sulfur Bacterium Chlorobaculum tepidum: Implications for Binding Ferredoxin and NADP+. Journal of Molecular Biology, 2010, 401, 403-414.	2.0	25
25	Chlorophyll biosynthesis: spotlight on protochlorophyllide reduction. Trends in Plant Science, 2010, 15, 614-624.	4.3	213
26	Structure of protochlorophyllide reductase: a greening mechanism for plants in the dark. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, s141-s141.	0.3	0
27	Crystallization and preliminary X-ray studies of the chromophore-binding domain of cyanobacteriochrome AnPixJ fromAnabaenasp. PCC 7120. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 159-162.	0.7	9
28	Crystallization and preliminary X-ray studies of ferredoxin-NAD(P)+reductase fromChlorobium tepidum. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 186-189.	0.7	5