Tasuku Hamaguchi

List of Publications by Year
in descending order

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30	457	840776 11	794594 19
papers	citations	h-index	g-index

39	39	39	412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural basis for the absence of low-energy chlorophylls in a photosystem I trimer from Gloeobacter violaceus. ELife, 2022, 11, .	6.0	14
2	Theoretical Model of the Far-Red-Light-Adapted Photosystem I Reaction Center of Cyanobacterium Acaryochloris marina Using Chlorophyll d and the Effect of Chlorophyll Exchange. Journal of Physical Chemistry B, 2022, 126, 4009-4021.	2.6	8
3	Core and rod structures of a thermophilic cyanobacterial light-harvesting phycobilisome. Nature Communications, 2022, 13, .	12.8	20
4	Advances in cryo-EM and ED with a cold-field emission beam and energy filtration â€"Refinements of the CRYO ARM 300 system in RIKEN SPring-8 centerâ€". Microscopy (Oxford, England), 2021, 70, 232-240.	1.5	17
5	Cryo-EM and ED with a Cold-Field Emission Beam and Energy Filtration. Springer Proceedings in Materials, 2021, , 233-241.	0.3	0
6	High-resolution cryo-EM structure of photosystem II reveals damage from high-dose electron beams. Communications Biology, 2021, 4, 382.	4.4	45
7	Structure of the far-red light utilizing photosystem I of Acaryochloris marina. Nature Communications, 2021, 12, 2333.	12.8	35
8	Complementary use of high-resolution and high-precision cryo-ED and EM. Microscopy and Microanalysis, 2021, 27, 204-206.	0.4	1
9	Chained Structure of Dimeric F ₁ -like ATPase in Mycoplasma mobile Gliding Machinery. MBio, 2021, 12, e0141421.	4.1	15
10	Machine learning-based real-time object locator/evaluator for cryo-EM data collection. Communications Biology, 2021, 4, 1044.	4.4	21
11	Cryo-EM structure of monomeric photosystem II at 2.78ÂÃ... resolution reveals factors important for the formation of dimer. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148471.	1.0	13
12	Tidy up cryo-EM sample grids with 3D printed tools. Journal of Structural Biology, 2020, 209, 107414.	2.8	1
13	Apple latent spherical virus structure with stable capsid frame supports quasi-stable protrusions expediting genome release. Communications Biology, 2020, 3, 488.	4.4	7
14	Identification of novel protein domain for sialyloligosaccharide binding essential toMycoplasma mobilegliding. FEMS Microbiology Letters, 2019, 366, .	1.8	16
15	A new cryo-EM system for single particle analysis. Journal of Structural Biology, 2019, 207, 40-48.	2.8	57
16	Luminescent Model by Wide-use 3D Printer. Seibutsu Butsuri, 2017, 57, 216-218.	0.1	0
17	Integrated Information and Prospects for Gliding Mechanism of the Pathogenic Bacterium Mycoplasma pneumoniae. Frontiers in Microbiology, 2016, 7, 960.	3.5	57
18	Prospects for the gliding mechanism of Mycoplasma mobile. Current Opinion in Microbiology, 2016, 29, 15-21.	5.1	57

#	Article	IF	Citations
19	C3-P-09Structural analyses of Gli123 protein, essential forMycoplasma mobilegliding. Microscopy (Oxford, England), 2015, 64, i130.2-i130.	1.5	0
20	Reprint of â€œProspects for the gliding mechanism of Mycoplasma mobileâ€• Current Opinion in Microbiology, 2015, 28, 122-128.	5.1	0
21	C3-P-08Structure and function of P1 adhesin ofMycoplasma pneumoniae. Microscopy (Oxford,) Tj ETQq1 1 0.784314 rgBT /Over	1.5	0
22	Gliding Motility of Mycoplasma mobile on Uniform Oligosaccharides. Journal of Bacteriology, 2015, 197, 2952-2957.	2.2	32
23	2P026 Binding activity of novel sialic acid receptor from gliding bacterium, Mycoplasma mobile(01B.) Tj ETQq1 1 0.784314 rgBT /Overlo	0.1	0
24	3P031 Gliding and binding of mycoplasma on uniform sialylated oligosaccharide(01B. Protein:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Seibutsu Butsuri, 2014, 54, S254.	0.1	0
25	2P150 Gliding and binding of mycoplasma on uniform oligosaccharide(11. Molecular motor,Poster). Seibutsu Butsuri, 2013, 53, S183.	0.1	0
26	3P039 Structural study of neuraminic acid receptor working as foot in Mycoplasma mobile gliding(01A. Protein: Structure,Poster). Seibutsu Butsuri, 2013, 53, S218.	0.1	0
27	[Review: Symposium on Amylases and Related Enzymes] Asparagine-linked Oligosaccharide-releasing Enzymes Produced by Basidiomycetes. Bulletin of Applied Glycoscience, 2011, 1, 159-167.	0.0	0
28	Purification, characterization and molecular cloning of a novel endo-Â-N-acetylglucosaminidase from the basidiomycete, Flammulina velutipes. Glycobiology, 2010, 20, 420-432.	2.5	22
29	Transglycosylation of Asparagine-linked Complex-type Oligosaccharides from Glycoproteins by Endo-.BETA.-N-acetylglucosaminidase HS. Journal of Applied Glycoscience (1999), 2007, 54, 139-146.	0.7	2
30	Evidence for the transglycosylation of complex type oligosaccharides of glycoproteins by endo-Î²-N-acetylglucosaminidase HS. Archives of Biochemistry and Biophysics, 2006, 454, 89-99.	3.0	7