

Masato Sumi

List of Publications by Year in descending order

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12
papers

500
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional expression of pharaonis phoborhodopsin in Escherichia coli. FEBS Letters, 1997, 420, 54-56.	2.8	121
2	Photo-Induced Proton Transport of Pharaonis Phoborhodopsin (Sensory Rhodopsin II) Is Ceased by Association with the Transducer. Biophysical Journal, 2001, 80, 916-922.	0.5	102
3	Structure of holo-chaperonin studied with electron microscopy Oligomeric cpn10 on top of two layers of cpn60 rings with two stripes each. FEBS Letters, 1992, 299, 169-174.	2.8	73
4	Positioning proton-donating residues to the Schiff-base accelerates the M-decay of pharaonis phoborhodopsin expressed in Escherichia coli. Biophysical Chemistry, 1999, 79, 187-192.	2.8	38
5	Light-Induced Proton Uptake and Release of pharaonis Phoborhodopsin Detected by a Photoelectrochemical Cell. Journal of Physical Chemistry B, 1999, 103, 10311-10315.	2.6	35
6	Occurrence of α -Amino Acids and a Pyridoxal 5'-Phosphate-Dependent Aspartate Racemase in the Acidothermophilic Archaeon, Thermoplasma acidophilum. Biochemical and Biophysical Research Communications, 2001, 281, 317-321.	2.1	31
7	Effects of Three Characteristic Amino Acid Residues of Pharaonis Phoborhodopsin on the Absorption Maximum λ_{max} . Photochemistry and Photobiology, 2000, 72, 141-145.	2.5	29
8	FOF1-ATPase Genes from an Archaeobacterium, Methanosarcina barkeri. Biochemical and Biophysical Research Communications, 1997, 241, 427-433.	2.1	23
9	Effects of Three Characteristic Amino Acid Residues of Pharaonis Phoborhodopsin on the Absorption Maximum λ_{max} . Photochemistry and Photobiology, 2000, 72, 141.	2.5	21
10	The M Intermediate of Pharaonis Phoborhodopsin Is Photoactive. Biophysical Journal, 2000, 78, 3150-3159.	0.5	17
11	Photoelectric response of halorhodopsin from Natronobacterium pharaonis. Bioelectrochemistry, 1998, 46, 289-292.	1.0	8
12	Crystallization and preliminary X-ray characterization of chaperonin-60 from Paracoccus denitrificans. Journal of Crystal Growth, 1996, 168, 297-300.	1.5	2