Takashi Shiina

List of Publications by Year
in descending order

20	1,276	516710 16	752698 20
papers	citations	h-index	g-index

20	20	20	1081
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mass Production of Virus-Like Particles Using Chloroplast Genetic Engineering for Highly Immunogenic Oral Vaccine Against Fish Disease. Frontiers in Plant Science, 2021, 12, 717952.	3.6	10
2	Selective Activation of Chloroplast psbD Light-Responsive Promoter and psaA/B Promoter in Transplastomic Tobacco Plants Overexpressing Arabidopsis Sigma Factor AtSIG5. Protein and Peptide Letters, 2020, 27, 168-175.	0.9	4
3	A Ycf2-FtsHi Heteromeric AAA-ATPase Complex Is Required for Chloroplast Protein Import. Plant Cell, 2018, 30, 2677-2703.	6.6	128
4	Comparative Analysis of Chloroplast psbD Promoters in Terrestrial Plants. Frontiers in Plant Science, 2017, 8, 1186.	3.6	11
5	Recent advances in the study of chloroplast gene expression and its evolution. Frontiers in Plant Science, 2014, 5, 61.	3.6	113
6	A nuclear-encoded sigma factor, Arabidopsis SIG6, recognizes sigma-70 type chloroplast promoters and regulates early chloroplast development in cotyledons. Plant Journal, 2005, 42, 133-144.	5.7	169
7	Plastid RNA Polymerases, Promoters, and Transcription Regulators in Higher Plants. International Review of Cytology, 2005, 244, 1-68.	6.2	161
8	Blue light-induced transcription of plastid-encoded psbD gene is mediated by a nuclear-encoded transcription initiation factor, AtSig5. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3304-3309.	7.1	120
9	A Role of the â€“35 Element in the Initiation of Transcription at psbA Promoter in Tobacco Plastids. Plant and Cell Physiology, 2003, 44, 334-341.	3.1	28
10	Blue light specific and differential expression of a plastid Ïƒ factor, Sig5 inArabidopsis thaliana. FEBS Letters, 2002, 516, 225-228.	2.8	65
11	Chinese spring wheat (Triticum aestivum L.) chloroplast genome: Complete sequence and contig clones. Plant Molecular Biology Reporter, 2000, 18, 243-253.	1.8	62
12	Developmental stage-specific multi-subunit plastid RNA polymerases (PEP) in wheat. Plant Journal, 1999, 18, 407-415.	5.7	52
13	Circadian-regulated expression of a nuclear-encoded plastid Ïƒ factor gene (sigA) in wheat seedlings. FEBS Letters, 1999, 451, 275-278.	2.8	51
14	Circadian-Regulated Transcription of thepsbD Light-Responsive Promoter in Wheat Chloroplasts. Plant Physiology, 1998, 118, 1079-1088.	4.8	66
15	rbcL Transcript Levels in Tobacco Plastids Are Independent of Light: Reduced Dark Transcription Rate Is Compensated by Increased mRNA Stability. Plant Cell, 1998, 10, 1713-1722.	6.6	105
16	Electron Paramagnetic Resonance and Mutational Analyses Revealed the Involvement of Photosystem II-L Subunit in the Oxidation Step of Tyr-Z by P680+To Form the Tyr-Z+P680Pheo-State in Photosystem IIâ€,â€¡. Biochemistry, 1997, 36, 12053-12061.	2.5	23
17	Characterization of dynamics of the psbD light-induced transcription in mature wheat chloroplasts. Plant Molecular Biology, 1997, 33, 267-278.	3.9	32
18	Role of PSII-L protein (psbL gene product) on the electron transfer in photosystem II complex. 1. Over-production of wild-type and mutant versions of PSII-L protein and reconstitution into the PSII core complex. Plant Molecular Biology, 1997, 34, 151-161.	3.9	13

#	Article	IF	Citations
19	L protein, encoded by psbL , restores normal functioning of the primary quinone acceptor, QA , in isolated D1/D2/CP47/Cytb-559/I photosystem II reaction center core complex. FEBS Letters, 1994, 354, 113-116.	2.8	31
20	Dynamical behavior of psb gene transcripts in greening wheat seedlings. I. Time course of accumulation of the psbA through psbN gene transcripts during light-induced greening. Plant Molecular Biology, 1992, 20, 695-704.	3.9	32