

# Takashi Shiina

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,276  
citations

516710

16  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1081  
citing authors

#	ARTICLE	IF	CITATIONS
1	A nuclear-encoded sigma factor, Arabidopsis SIG6, recognizes sigma-70 type chloroplast promoters and regulates early chloroplast development in cotyledons. <i>Plant Journal</i> , 2005, 42, 133-144.	5.7	169
2	Plastid RNA Polymerases, Promoters, and Transcription Regulators in Higher Plants. <i>International Review of Cytology</i> , 2005, 244, 1-68.	6.2	161
3	A Ycf2-FtsHi Heteromeric AAA-ATPase Complex Is Required for Chloroplast Protein Import. <i>Plant Cell</i> , 2018, 30, 2677-2703.	6.6	128
4	Blue light-induced transcription of plastid-encoded psbD gene is mediated by a nuclear-encoded transcription initiation factor, AtSig5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 3304-3309.	7.1	120
5	Recent advances in the study of chloroplast gene expression and its evolution. <i>Frontiers in Plant Science</i> , 2014, 5, 61.	3.6	113
6	rbcl Transcript Levels in Tobacco Plastids Are Independent of Light: Reduced Dark Transcription Rate Is Compensated by Increased mRNA Stability. <i>Plant Cell</i> , 1998, 10, 1713-1722.	6.6	105
7	Circadian-Regulated Transcription of the psbD Light-Responsive Promoter in Wheat Chloroplasts. <i>Plant Physiology</i> , 1998, 118, 1079-1088.	4.8	66
8	Blue light specific and differential expression of a plastid $\sigma$ factor, Sig5 in <i>Arabidopsis thaliana</i> . <i>FEBS Letters</i> , 2002, 516, 225-228.	2.8	65
9	Chinese spring wheat ( <i>Triticum aestivum</i> L.) chloroplast genome: Complete sequence and contig clones. <i>Plant Molecular Biology Reporter</i> , 2000, 18, 243-253.	1.8	62
10	Developmental stage-specific multi-subunit plastid RNA polymerases (PEP) in wheat. <i>Plant Journal</i> , 1999, 18, 407-415.	5.7	52
11	Circadian-regulated expression of a nuclear-encoded plastid $\sigma$ factor gene (sigA) in wheat seedlings. <i>FEBS Letters</i> , 1999, 451, 275-278.	2.8	51
12	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. <i>Plant Molecular Biology</i> , 1992, 20, 695-704.	3.9	32
13	Characterization of dynamics of the psbD light-induced transcription in mature wheat chloroplasts. <i>Plant Molecular Biology</i> , 1997, 33, 267-278.	3.9	32
14	L protein, encoded by psbL, restores normal functioning of the primary quinone acceptor, QA, in isolated D1/D2/CP47/Cytb-559/II photosystem II reaction center core complex. <i>FEBS Letters</i> , 1994, 354, 113-116.	2.8	31
15	A Role of the $\sigma$ 35 Element in the Initiation of Transcription at psbA Promoter in Tobacco Plastids. <i>Plant and Cell Physiology</i> , 2003, 44, 334-341.	3.1	28
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 II. <i>Biochemistry</i> , 1997, 36, 12053-12061.	2.5	23
17	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. <i>Plant Molecular Biology</i> , 1997, 34, 151-161.	3.9	13
18	Comparative Analysis of Chloroplast psbD Promoters in Terrestrial Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 1186.	3.6	11

#	ARTICLE	IF	CITATIONS
19	Mass Production of Virus-Like Particles Using Chloroplast Genetic Engineering for Highly Immunogenic Oral Vaccine Against Fish Disease. <i>Frontiers in Plant Science</i> , 2021, 12, 717952.	3.6	10
20	Selective Activation of Chloroplast psbD Light-Responsive Promoter and psaA/B Promoter in Transplastomic Tobacco Plants Overexpressing Arabidopsis Sigma Factor AtSIG5. <i>Protein and Peptide Letters</i> , 2020, 27, 168-175.	0.9	4