

# Fumiyoshi Myouga

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

2,539

citations

23

h-index

28

g-index

28

ext. papers

3,165

ext. citations

6.5

avg, IF

4.38

L-index

#	Paper	IF	Citations
28	Characterization of photosystem II assembly complexes containing ONE-HELIX PROTEIN1 in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Research</i> , <b>2022</b> , 135, 361	2.6	0
27	Stable Accumulation of Photosystem II Requires ONE-HELIX PROTEIN1 (OHP1) of the Light Harvesting-Like Family. <i>Plant Physiology</i> , <b>2018</b> , 176, 2277-2291	6.6	39
26	Remodels Chloroplastic Monogalactosyldiacylglycerol by Liberating $\omega$ -Linolenic Acid in <i>Arabidopsis</i> Leaves under Heat Stress. <i>Plant Cell</i> , <b>2018</b> , 30, 1887-1905	11.6	40
25	SNAC-As, stress-responsive NAC transcription factors, mediate ABA-inducible leaf senescence. <i>Plant Journal</i> , <b>2015</b> , 84, 1114-23	6.9	122
24	Bending of protonema cells in a plastid glycolate/glycerate transporter knockout line of <i>Physcomitrella patens</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0118804	3.7	6
23	Landscape of the lipidome and transcriptome under heat stress in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , <b>2015</b> , 5, 10533	4.9	112
22	Integrated analysis of transcriptome and metabolome of <i>Arabidopsis</i> albino or pale green mutants with disrupted nuclear-encoded chloroplast proteins. <i>Plant Molecular Biology</i> , <b>2014</b> , 85, 411-28	4.6	31
21	The Chloroplast Function Database II: a comprehensive collection of homozygous mutants and their phenotypic/genotypic traits for nuclear-encoded chloroplast proteins. <i>Plant and Cell Physiology</i> , <b>2013</b> , 54, e2	4.9	27
20	Loss of the plastid envelope protein AtLrgB causes spontaneous chlorotic cell death in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , <b>2012</b> , 53, 125-34	4.9	20
19	Identification of nuclear genes encoding chloroplast-localized proteins required for embryo development in <i>Arabidopsis</i> . <i>Plant Physiology</i> , <b>2011</b> , 155, 1678-89	6.6	155
18	A chaperonin subunit with unique structures is essential for folding of a specific substrate. <i>PLoS Biology</i> , <b>2011</b> , 9, e1001040	9.7	66
17	The Chloroplast Function Database: a large-scale collection of <i>Arabidopsis</i> Ds/Spm- or T-DNA-tagged homozygous lines for nuclear-encoded chloroplast proteins, and their systematic phenotype analysis. <i>Plant Journal</i> , <b>2010</b> , 61, 529-42	6.9	54
16	LIL3, a light-harvesting-like protein, plays an essential role in chlorophyll and tocopherol biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 16721-5	11.5	87
15	The pentatricopeptide repeat protein OTP82 is required for RNA editing of plastid <i>ndhB</i> and <i>ndhG</i> transcripts. <i>Plant Journal</i> , <b>2010</b> , 61, 339-49	6.9	82
14	Evolutionary persistence of functional compensation by duplicate genes in <i>Arabidopsis</i> . <i>Genome Biology and Evolution</i> , <b>2009</b> , 1, 409-14	3.9	56
13	Increased expression and protein divergence in duplicate genes is associated with morphological diversification. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000781	6	31
12	Pentatricopeptide repeat proteins with the DYW motif have distinct molecular functions in RNA editing and RNA cleavage in <i>Arabidopsis</i> chloroplasts. <i>Plant Cell</i> , <b>2009</b> , 21, 146-56	11.6	184

11	Type 2C protein phosphatases directly regulate abscisic acid-activated protein kinases in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 17588-93	11.5	681
10	CRR23/NdhL is a subunit of the chloroplast NAD(P)H dehydrogenase complex in Arabidopsis. <i>Plant and Cell Physiology</i> , <b>2008</b> , 49, 835-42	4.9	63
9	A heterocomplex of iron superoxide dismutases defends chloroplast nucleoids against oxidative stress and is essential for chloroplast development in Arabidopsis. <i>Plant Cell</i> , <b>2008</b> , 20, 3148-62	11.6	201
8	An Arabidopsis homolog of the bacterial peptidoglycan synthesis enzyme MurE has an essential role in chloroplast development. <i>Plant Journal</i> , <b>2008</b> , 53, 924-34	6.9	65
7	Chloroplast ribosome release factor 1 (Atcprf1) is essential for chloroplast development. <i>Plant Molecular Biology</i> , <b>2007</b> , 64, 481-97	4.6	50
6	Conserved domain structure of pentatricopeptide repeat proteins involved in chloroplast RNA editing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 8178-83	11.5	232
5	An Arabidopsis chloroplast-targeted Hsp101 homologue, APG6, has an essential role in chloroplast development as well as heat-stress response. <i>Plant Journal</i> , <b>2006</b> , 48, 249-60	6.9	62
4	Identification and structural analysis of SINE elements in the Arabidopsis thaliana genome. <i>Genes and Genetic Systems</i> , <b>2001</b> , 76, 169-79	1.4	25
3	Genomic differences in Streptococcus pyogenes serotype M3 between recent isolates associated with toxic shock-like syndrome and past clinical isolates. <i>Journal of Infectious Diseases</i> , <b>2000</b> , 181, 975-83	7	19
2	Genetic and immunological analyses of Vls (VMP-like sequences) of Borrelia burgdorferi. <i>Microbial Pathogenesis</i> , <b>1998</b> , 24, 155-66	3.8	29
1	Detection of new DNA fragments integrated on the genome of M1 and M3 group A streptococci from streptococcal toxic shock-like syndrome. <i>Advances in Experimental Medicine and Biology</i> , <b>1997</b> , 418, 63-5	3.6	