

# Kaichiro Endo

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

240  
citations

1307594

7  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of Lipids in Photosynthesis. <i>Sub-Cellular Biochemistry</i> , 2016, 86, 21-49.	2.4	55
2	Specific Distribution of Phosphatidylglycerol to Photosystem Complexes in the Thylakoid Membrane. <i>Frontiers in Plant Science</i> , 2017, 8, 1991.	3.6	39
3	Thylakoid membrane lipid sulfoquinovosyl-diacylglycerol (SQDG) is required for full functioning of photosystem II in <i>Thermosynechococcus elongatus</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 14786-14797.	3.4	31
4	Multiple Impacts of Loss of Plastidic Phosphatidylglycerol Biosynthesis on Photosynthesis during Seedling Growth of <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 336.	3.6	28
5	Sulfoquinovosyldiacylglycerol has an Essential Role in <i>Thermosynechococcus elongatus</i> BP-1 Under Phosphate-Deficient Conditions. <i>Plant and Cell Physiology</i> , 2016, 57, 2461-2471.	3.1	26
6	Site-directed mutagenesis of amino acid residues of D1 protein interacting with phosphatidylglycerol affects the function of plastoquinone QB in photosystem II. <i>Photosynthesis Research</i> , 2015, 126, 385-397.	2.9	18
7	Characterization of <i>Chlamydomonas reinhardtii</i> phosphatidylglycerophosphate synthase in <i>Synechocystis</i> sp. PCC 6803. <i>Frontiers in Microbiology</i> , 2015, 6, 842.	3.5	11
8	Modified molecular interactions of the pheophytin and plastoquinone electron acceptors in photosystem II of chlorophyll d-containing <i>Acaryochloris marina</i> as revealed by FTIR spectroscopy. <i>Photosynthesis Research</i> , 2015, 125, 105-114.	2.9	7
9	Site-directed mutagenesis of two amino acid residues in cytochrome b559 $\hat{\pm}$ subunit that interact with a phosphatidylglycerol molecule (PG772) induces quinone-dependent inhibition of photosystem II activity. <i>Photosynthesis Research</i> , 2019, 139, 267-279.	2.9	7
10	Membrane lipid remodeling is required for photosystem II function under low CO <sub>2</sub> . <i>Plant Journal</i> , 2021, 105, 245-253.	5.7	7
11	High myristic acid content in the cyanobacterium <i>Cyanothece</i> sp. PCC 8801 results from substrate specificity of lysophosphatidic acid acyltransferase. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 939-947.	2.4	6
12	Crucial importance of length of fatty-acyl chains bound to the sn-2 position of phosphatidylglycerol for growth and photosynthesis of <i>Synechocystis</i> sp. PCC 6803. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159158.	2.4	5