

Kaichiro Endo

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

240
citations

1307594

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h-index

1199594

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all docs

12
docs citations

12
times ranked

345
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Membrane lipid remodeling is required for photosystem II function under low CO ₂ . <i>Plant Journal</i> , 2021, 105, 245-253. | 5.7 | 7 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Specific Distribution of Phosphatidylglycerol to Photosystem Complexes in the Thylakoid Membrane. <i>Frontiers in Plant Science</i> , 2017, 8, 1991. | 3.6 | 39 |
| 7 | 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 |
| 8 | Roles of Lipids in Photosynthesis. <i>Sub-Cellular Biochemistry</i> , 2016, 86, 21-49. | 2.4 | 55 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |