Ryutaro Morita

List of Publications by Year
in descending order

8	140	1478280 6	1588896 8
papers	citations	h-index	g-index

8	8	8	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>CO₂â€responsive CCT</scp> protein interacts with 14â€3â€3 proteins and controls the expression of starch synthesisâ€“related genes. Plant, Cell and Environment, 2021, 44, 2480-2493.	2.8	7
2	Rubisco small subunits of C₄ plants, Napier grass and guinea grass confer C₄-like catalytic properties on Rubisco in rice. Plant Production Science, 2019, 22, 296-300.	0.9	13
3	CO2-Responsive CCT Protein Stimulates the Ectopic Expression of Particular Starch Biosynthesis-Related Enzymes, Which Markedly Change the Structure of Starch in the Leaf Sheaths of Rice. Plant and Cell Physiology, 2019, 60, 961-972.	1.5	12
4	Responses of the chloroplast glyoxalase system to high CO2 concentrations. Bioscience, Biotechnology and Biochemistry, 2018, 82, 2072-2083.	0.6	6
5	Expression level of Rubisco activase negatively correlates with Rubisco content in transgenic rice. Photosynthesis Research, 2018, 137, 465-474.	1.6	31
6	Overexpression of CO₂-responsive CCT protein, a key regulator of starch synthesis strikingly increases the glucose yield from rice straw for bioethanol production. Plant Production Science, 2017, 20, 441-447.	0.9	4
7	Starch Content in Leaf Sheath Controlled by CO₂-Responsive CCT Protein is a Potential Determinant of Photosynthetic Capacity in Rice. Plant and Cell Physiology, 2016, 57, 2334-2341.	1.5	18
8	CO₂-Responsive CONSTANS, CONSTANS-Like, and Time of Chlorophyll a/b Binding Protein Expression1 Protein Is a Positive Regulator of Starch Synthesis in Vegetative Organs of Rice. Plant Physiology, 2015, 167, 1321-1331.	2.3	49