Armand Djoro Anoman

List of Publications by Year
in descending order

16	431	840776 11	940533 16
papers	citations	h-index	g-index

16	16	16	552
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Phosphorylated Pathway of Serine Biosynthesis Is Essential Both for Male Gametophyte and Embryo Development and for Root Growth in Arabidopsis. Plant Cell, 2013, 25, 2084-2101.	6.6	80
2	Functional Characterization of the Plastidial 3-Phosphoglycerate Dehydrogenase Family in Arabidopsis. Plant Physiology, 2013, 163, 1164-1178.	4.8	70
3	Phosphoglycerate Kinases Are Co-Regulated to Adjust Metabolism and to Optimize Growth. Plant Physiology, 2018, 176, 1182-1198.	4.8	62
4	Serine biosynthesis by photorespiratory and nonâ€photorespiratory pathways: an interesting interplay with unknown regulatory networks. Plant Biology, 2013, 15, 707-712.	3.8	41
5	Plastidial glycolytic glyceraldehyde-3-phosphate dehydrogenase is an important determinant in the carbon and nitrogen metabolism of heterotrophic cells in Arabidopsis. Plant Physiology, 2015, 169, pp.00696.2015.	4.8	27
6	Overexpression of the triose phosphate translocator (<scp>TPT</scp>) complements the abnormal metabolism and development of plastidial glycolytic glyceraldehydeâ€3â€phosphate dehydrogenase mutants. Plant Journal, 2017, 89, 1146-1158.	5.7	20
7	The phosphorylated pathway of serine biosynthesis links plant growth with nitrogen metabolism. Plant Physiology, 2021, 186, 1487-1506.	4.8	20
8	The specific role of plastidial glycolysis in photosynthetic and heterotrophic cells under scrutiny through the study of glyceraldehyde-3-phosphate dehydrogenase. Plant Signaling and Behavior, 2016, 11, e1128614.	2.4	19
9	Deficiency in the Phosphorylated Pathway of Serine Biosynthesis Perturbs Sulfur Assimilation. Plant Physiology, 2019, 180, 153-170.	4.8	19
10	The essential role of the phosphorylated pathway of serine biosynthesis inArabidopsis. Plant Signaling and Behavior, 2013, 8, e27104.	2.4	13
11	PGDH family genes differentially affect Arabidopsis tolerance to salt stress. Plant Science, 2020, 290, 110284.	3.6	12
12	Lack of phosphoserine phosphatase activity alters pollen and tapetum development in Arabidopsis thaliana. Plant Science, 2015, 235, 81-88.	3.6	11
13	Studying the Function of the Phosphorylated Pathway of Serine Biosynthesis in Arabidopsis thaliana. Methods in Molecular Biology, 2017, 1653, 227-242.	0.9	10
14	Phosphoglycerate dehydrogenase genes differentially affect Arabidopsis metabolism and development. Plant Science, 2021, 306, 110863.	3.6	10
15	Interactions between abscisic acid and plastidial glycolysis in Arabidopsis. Plant Signaling and Behavior, 2011, 6, 157-159.	2.4	9
16	Identification of the phosphoglycerate dehydrogenase isoform EDA9 as the essential gene for embryo and male gametophyte development inArabidopsis. Plant Signaling and Behavior, 2013, 8, e27207.	2.4	8