

Sebastian Streb

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

710
citations

1051969

10
h-index

1255698

13
g-index

13
all docs

13
docs citations

13
times ranked

1107
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate and ammonium differ in their impact on $\delta^{13}\text{C}$ of plant metabolites and respired CO_2 from tobacco leaves. <i>Isotopes in Environmental and Health Studies</i> , 2021, 57, 11-34.	0.5	4
2	Distinct plastid fructose biphosphate aldolases function in photosynthetic and non-photosynthetic metabolism in Arabidopsis. <i>Journal of Experimental Botany</i> , 2021, 72, 3739-3755.	2.4	19
3	Southeast Asian waxy maize (<i>Zea mays</i> L.), a resource for amylopectin starch quality types?. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2017, 15, 430-437.	0.4	6
4	Simultaneous silencing of isoamylases ISA1, ISA2 and ISA3 by multi-target RNAi in potato tubers leads to decreased starch content and an early sprouting phenotype. <i>PLoS ONE</i> , 2017, 12, e0181444.	1.1	25
5	Molecular genetic analysis of glucan branching enzymes from plants and bacteria in Arabidopsis reveals marked differences in their functions and capacity to mediate starch granule formation. <i>Plant Physiology</i> , 2015, 169, pp.00792.2015.	2.3	11
6	Genetic Evidence That Chain Length and Branch Point Distributions Are Linked Determinants of Starch Granule Formation in Arabidopsis. <i>Plant Physiology</i> , 2014, 165, 1457-1474.	2.3	46
7	Replacement of the Endogenous Starch Debranching Enzymes ISA1 and ISA2 of Arabidopsis with the Rice Orthologs Reveals a Degree of Functional Conservation during Starch Synthesis. <i>PLoS ONE</i> , 2014, 9, e92174.	1.1	25
8	The Heteromultimeric Debranching Enzyme Involved in Starch Synthesis in Arabidopsis Requires Both Isoamylase1 and Isoamylase2 Subunits for Complex Stability and Activity. <i>PLoS ONE</i> , 2013, 8, e75223.	1.1	31
9	Starch Metabolism in Arabidopsis. <i>The Arabidopsis Book</i> , 2012, 10, e0160.	0.5	225
10	Analysis of Starch Metabolism in Chloroplasts. <i>Methods in Molecular Biology</i> , 2011, 775, 387-410.	0.4	61
11	Loss of Cytosolic Phosphoglucomutase Compromises Gametophyte Development in Arabidopsis. <i>Plant Physiology</i> , 2010, 154, 1659-1671.	2.3	60
12	The Debate on the Pathway of Starch Synthesis: A Closer Look at Low-Starch Mutants Lacking Plastidial Phosphoglucomutase Supports the Chloroplast-Localized Pathway. <i>Plant Physiology</i> , 2009, 151, 1769-1772.	2.3	68
13	Starch Granule Biosynthesis in Arabidopsis Is Abolished by Removal of All Debranching Enzymes but Restored by the Subsequent Removal of an Endoamylase. <i>Plant Cell</i> , 2009, 20, 3448-3466.	3.1	129