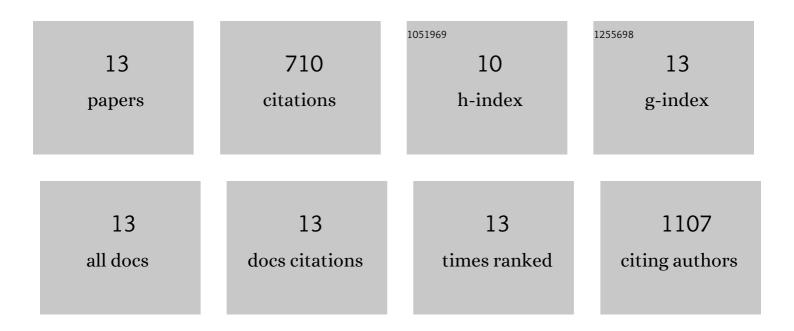
Sebastian Streb

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6747950/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Nitrate and ammonium differ in their impact on δ ¹³ C of plant metabolites and respired CO ₂ from tobacco leaves. Isotopes in Environmental and Health Studies, 2021, 57, 11-34.	0.5	4
2	Distinct plastid fructose bisphosphate aldolases function in photosynthetic and non-photosynthetic metabolism in Arabidopsis. Journal of Experimental Botany, 2021, 72, 3739-3755.	2.4	19
3	Southeast Asian <i>waxy</i> maize (<i>Zea mays L.</i>), a resource for amylopectin starch quality types?. Plant Genetic Resources: Characterisation and Utilisation, 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. PLoS ONE, 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. Plant Physiology, 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 Â. Plant Physiology, 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. PLoS ONE, 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. PLoS ONE, 2013, 8, e75223.	1.1	31
9	Starch Metabolism in Arabidopsis. The Arabidopsis Book, 2012, 10, e0160.	0.5	225
10	Analysis of Starch Metabolism in Chloroplasts. Methods in Molecular Biology, 2011, 775, 387-410.	0.4	61
11	Loss of Cytosolic Phosphoglucomutase Compromises Gametophyte Development in Arabidopsis. Plant Physiology, 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. Plant Physiology, 2009, 151, 1769-1772.	2.3	68
13	Starch Granule Biosynthesis in <i>Arabidopsis</i> Is Abolished by Removal of All Debranching Enzymes but Restored by the Subsequent Removal of an Endoamylase. Plant Cell, 2009, 20, 3448-3466.	3.1	129