

# Barbara Pfister

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4398935/publications.pdf>

Version: 2024-02-01

10  
papers

544  
citations

1040056

9  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

682  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A multifaceted analysis reveals two distinct phases of chloroplast biogenesis during de-etiolation in Arabidopsis. <i>ELife</i> , 2021, 10, .  | 6.0 | 41        |
| 2  | STARCH SYNTHASE5, a Noncanonical Starch Synthase-Like Protein, Promotes Starch Granule Initiation in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 2543-2565.   | 6.6 | 49        |
| 3  | Theoretical and experimental approaches to understand the biosynthesis of starch granules in a physiological context. <i>Photosynthesis Research</i> , 2020, 145, 55-70.   | 2.9 | 13        |
| 4  | Single-run HPLC Quantification of Plant Cell Wall Monosaccharides. <i>Bio-protocol</i> , 2020, 10, e3546.  | 0.4 | 5         |
| 5  | Distinct Functions of STARCH SYNTHASE 4 Domains in Starch Granule Formation. <i>Plant Physiology</i> , 2018, 176, 566-581.   | 4.8 | 50        |
| 6  | Formation of starch in plant cells. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2781-2807.   | 5.4 | 268       |
| 7  | Recreating the synthesis of starch granules in yeast. <i>ELife</i> , 2016, 5, .  | 6.0 | 27        |
| 8  | 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. | 4.8 | 11        |
| 9  | 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.  | 4.8 | 46        |
| 10 | 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.                                      | 2.5 | 31        |