

Aswad S Khadilkar

List of Publications by Year in descending order

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6
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| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Arabidopsis Type I Proton-Pumping Pyrophosphatase Expresses Strongly in Phloem, Where It Is Required for Pyrophosphate Metabolism and Photosynthate Partitioning. <i>Plant Physiology</i> , 2015, 167, 1541-1553. | 2.3 | 73 |
| 2 | Expression of Sucrose Transporter cDNAs Specifically in Companion Cells Enhances Phloem Loading and Long-Distance Transport of Sucrose but Leads to an Inhibition of Growth and the Perception of a Phosphate Limitation. <i>Plant Physiology</i> , 2014, 165, 715-731. | 2.3 | 72 |
| 3 | Constitutive and Companion Cell-Specific Overexpression of <i>AVP1</i> , Encoding a Proton-Pumping Pyrophosphatase, Enhances Biomass Accumulation, Phloem Loading, and Long-Distance Transport. <i>Plant Physiology</i> , 2016, 170, 401-414. | 2.3 | 66 |
| 4 | Assessing Long-distance Transport from Photosynthetic Source Leaves to Heterotrophic Sink Organs with [14C]CO ₂ . <i>Bio-protocol</i> , 2017, 7, e2657. | 0.2 | 6 |
| 5 | Quantifying the Capacity of Phloem Loading in Leaf Disks with [14C]Sucrose. <i>Bio-protocol</i> , 2017, 7, e2658. | 0.2 | 6 |
| 6 | Assessing Rates of Long-distance Carbon Transport in Arabidopsis by Collecting Phloem Exudations into EDTA Solutions after Photosynthetic Labeling with [14C]CO ₂ . <i>Bio-protocol</i> , 2017, 7, e2656. | 0.2 | 4 |