

# Wim J J Soppe

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

3,094  
citations

394421

19  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3265  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Ectopic expression of the Arabidopsis florigen gene <i>FLOWERING LOCUS T</i> in seeds enhances seed dormancy via the GA and DOG1 pathways. <i>Plant Journal</i> , 2021, 107, 909-924.   | 5.7  | 11        |
| 2  | <i>Arabidopsis thaliana</i> SEED DORMANCY 4-LIKE regulates dormancy and germination by mediating the gibberellin pathway. <i>Journal of Experimental Botany</i> , 2020, 71, 919-933.  | 4.8  | 26        |
| 3  | REVERSAL OF RDO5 1, a Homolog of Rice Seed Dormancy4, Interacts with bHLH57 and Controls ABA Biosynthesis and Seed Dormancy in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 1933-1948.  | 6.6  | 44        |
| 4  | Seed dormancy back on track; its definition and regulation by DOG1. <i>New Phytologist</i> , 2020, 228, 816-819.  | 7.3  | 20        |
| 5  | ETR1/RDO3 Regulates Seed Dormancy by Relieving the Inhibitory Effect of the ERF12-TPL Complex on <i>DELAY OF GERMINATION1</i> Expression. <i>Plant Cell</i> , 2019, 31, 832-847.  | 6.6  | 62        |
| 6  | DELAY OF GERMINATION1 requires PP2C phosphatases of the ABA signalling pathway to control seed dormancy. <i>Nature Communications</i> , 2017, 8, 72.  | 12.8 | 190       |
| 7  | The release of dormancy, a wake-up call for seeds to germinate. <i>Current Opinion in Plant Biology</i> , 2017, 35, 8-14.   | 7.1  | 202       |
| 8  | Alternative splicing enhances transcriptome complexity in desiccating seeds. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 947-958.   | 8.5  | 26        |
| 9  | <i>Arabidopsis</i> seed germination speed is controlled by SNL histone deacetylase-binding factor-mediated regulation of AUX1. <i>Nature Communications</i> , 2016, 7, 13412.   | 12.8 | 80        |
| 10 | Transcriptome and Degradome Sequencing Reveals Dormancy Mechanisms of <i>Cunninghamia lanceolata</i> Seeds. <i>Plant Physiology</i> , 2016, 172, 2347-2362.   | 4.8  | 33        |
| 11 | Sequence Polymorphisms at the <i>REDUCED DORMANCY5</i> Pseudophosphatase Underlie Natural Variation in Arabidopsis Dormancy. <i>Plant Physiology</i> , 2016, 171, 2659-2670.  | 4.8  | 52        |
| 12 | Secondary dormancy in <i>Brassica napus</i> is correlated with enhanced <i>BnaDOG1</i> transcript levels. <i>Seed Science Research</i> , 2015, 25, 221-229.   | 1.7  | 11        |
| 13 | Seed Dormancy in Arabidopsis Requires Self-Binding Ability of DOG1 Protein and the Presence of Multiple Isoforms Generated by Alternative Splicing. <i>PLoS Genetics</i> , 2015, 11, e1005737.                                | 3.5  | 61        |
| 14 | <i>REDUCED DORMANCY5</i> Encodes a Protein Phosphatase 2C That Is Required for Seed Dormancy in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 4362-4375.   | 6.6  | 79        |
| 15 | <i>Arabidopsis</i> Paired Amphipathic Helix Proteins SNL1 and SNL2 Redundantly Regulate Primary Seed Dormancy via Abscisic Acid-Ethylene Antagonism Mediated by Histone Deacetylation. <i>Plant Cell</i> , 2013, 25, 149-166. | 6.6  | 140       |
| 16 | Control and consequences of chromatin compaction during seed maturation in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2012, 7, 338-341.  | 2.4  | 23        |
| 17 | The Time Required for Dormancy Release in <i>Arabidopsis</i> Is Determined by DELAY OF GERMINATION1 Protein Levels in Freshly Harvested Seeds. <i>Plant Cell</i> , 2012, 24, 2826-2838.                                       | 6.6  | 201       |
| 18 | A novel role for histone methyltransferase KYP/SUVH4 in the control of <i>Arabidopsis</i> primary seed dormancy. <i>New Phytologist</i> , 2012, 193, 605-616.   | 7.3  | 104       |

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|----|---|-----|-----------|
| 19 | Molecular mechanisms of seed dormancy. <i>Plant, Cell and Environment</i> , 2012, 35, 1769-1786.  | 5.7 | 449       |
| 20 | Identification of the Arabidopsis REDUCED DORMANCY 2 Gene Uncovers a Role for the Polymerase Associated Factor 1 Complex in Seed Dormancy. <i>PLoS ONE</i> , 2011, 6, e22241.                 | 2.5 | 77        |
| 21 | The Conserved Splicing Factor SUA Controls Alternative Splicing of the Developmental Regulator <i>ABI3</i> in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2010, 22, 1936-1946.                   | 6.6 | 130       |
| 22 | Molecular networks regulating Arabidopsis seed maturation, after ripening, dormancy and germination. <i>New Phytologist</i> , 2008, 179, 33-54.   | 7.3 | 794       |
| 23 | The Absence of Histone H2B Monoubiquitination in the Arabidopsis hub1 ( <i>rdo4</i> ) Mutant Reveals a Role for Chromatin Remodeling in Seed Dormancy. <i>Plant Cell</i> , 2007, 19, 433-444. | 6.6 | 279       |