

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
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23
all docs

23
docs citations

23
times ranked

3265
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular networks regulating Arabidopsis seed maturation, after ripening, dormancy and germination. <i>New Phytologist</i> , 2008, 179, 33-54.	7.3	794
2	Molecular mechanisms of seed dormancy. <i>Plant, Cell and Environment</i> , 2012, 35, 1769-1786.	5.7	449
3	The Absence of Histone H2B Monoubiquitination in the Arabidopsis hub1 (rdo4) Mutant Reveals a Role for Chromatin Remodeling in Seed Dormancy. <i>Plant Cell</i> , 2007, 19, 433-444.	6.6	279
4	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
5	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
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	<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
8	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
9	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
10	<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
11	<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
12	Identification of the Arabidopsis <i>REDUCED DORMANCY 2</i> Gene Uncovers a Role for the Polymerase Associated Factor 1 Complex in Seed Dormancy. <i>PLoS ONE</i> , 2011, 6, e22241.	2.5	77
13	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
14	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
15	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
16	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
17	Transcriptome and Degradome Sequencing Reveals Dormancy Mechanisms of <i>Cunninghamia lanceolata</i> Seeds. <i>Plant Physiology</i> , 2016, 172, 2347-2362.	4.8	33
18	Alternative splicing enhances transcriptome complexity in desiccating seeds. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 947-958.	8.5	26

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19	Arabidopsis thaliana SEED DORMANCY 4-LIKE regulates dormancy and germination by mediating the gibberellin pathway. Journal of Experimental Botany, 2020, 71, 919-933.	4.8	26
20	Control and consequences of chromatin compaction during seed maturation in <i>Arabidopsis thaliana</i> . Plant Signaling and Behavior, 2012, 7, 338-341.	2.4	23
21	Seed dormancy back on track; its definition and regulation by DOG1. New Phytologist, 2020, 228, 816-819.	7.3	20
22	Secondary dormancy in <i>Brassica napus</i> is correlated with enhanced <i>BnaDOG1</i> transcript levels. Seed Science Research, 2015, 25, 221-229.	1.7	11
23	Ectopic expression of the Arabidopsis florigen gene <i>FLOWERING LOCUS T</i> in seeds enhances seed dormancy via the GA and DOG1 pathways. Plant Journal, 2021, 107, 909-924.	5.7	11