John J Harada

List of Publications by Year
in descending order

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26	4,069	393982	552369
papers	citations	19 h-index	26 g-index

28	28	28	3831
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arabidopsis LEAFY COTYLEDON1 Is Sufficient to Induce Embryo Development in Vegetative Cells. Cell, 1998, 93, 1195-1205.	13.5	934
2	Mutations in FIE, a WD Polycomb Group Gene, Allow Endosperm Development without Fertilization. Plant Cell, 1999, 11, 407-415.	3.1	407
3	Comprehensive developmental profiles of gene activity in regions and subregions of the Arabidopsis seed. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E435-44.	3.3	381
4	LEAFY COTYLEDON1-LIKE Defines a Class of Regulators Essential for Embryo Development. Plant Cell, 2003, 15, 5-18.	3.1	361
5	Genes directly regulated by LEAFY COTYLEDON2 provide insight into the control of embryo maturation and somatic embryogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3468-3473.	3.3	317
6	Imprinting of the MEDEA Polycomb Gene in the Arabidopsis Endosperm. Plant Cell, 1999, 11, 1945-1952.	3.1	313
7	LECs go crazy in embryo development. Trends in Plant Science, 2008, 13, 624-630.	4.3	284
8	LEC1 sequentially regulates the transcription of genes involved in diverse developmental processes during seed development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6710-E6719.	3.3	149
9	Using Genomics to Study Legume Seed Development. Plant Physiology, 2007, 144, 562-574.	2.3	138
10	The Arabidopsis Embryo Mutant schlepperless Has a Defect in the Chaperonin-60Î± Gene. Plant Physiology, 2001, 126, 717-730.	2.3	124
11	Similarity between soybean and Arabidopsis seed methylomes and loss of non-CG methylation does not affect seed development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9730-E9739.	3.3	111
12	The Arabidopsis BRAHMA Chromatin-Remodeling ATPase Is Involved in Repression of Seed Maturation Genes in Leaves Â Â. Plant Physiology, 2008, 147, 1143-1157.	2.3	97
13	Synergistic repression of the embryonic programme by SET DOMAIN GROUP 8 and EMBRYONIC FLOWER 2 in Arabidopsis seedlings. Journal of Experimental Botany, 2012, 63, 1391-1404.	2.4	71
14	Central role of the LEAFY COTYLEDON1 transcription factor in seed development. Journal of Integrative Plant Biology, 2019, 61, 564-580.	4.1	71
15	Combinatorial interactions of the LEC1 transcription factor specify diverse developmental programs during soybean seed development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1223-1232.	3.3	60
16	Light-induced indeterminacy alters shade avoiding tomato leaf morphology. Plant Physiology, 2015, 169, pp.01229.2015.	2.3	49
17	Seed Maturation and Control of Germination. Advances in Cellular and Molecular Biology of Plants, 1997, , 545-592.	0.2	46
18	Regional Localization of Suspensor mRNAs during Early Embryo Development. Plant Cell, 2001, 13, 2409-2425.	3.1	43

#	Article	IF	Citations
19	Down-Regulating the Expression of 53 Soybean Transcription Factor Genes Uncovers a Role for SPEECHLESS in Initiating Stomatal Cell Lineages during Embryo Development Â. Plant Physiology, 2015, 168, 1025-1035.	2.3	42
20	Seed genome hypomethylated regions are enriched in transcription factor genes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8315-E8322.	3.3	19
21	A naÃ¯ve Bayesian classifier for identifying plant micro<scp>RNA</scp>s. Plant Journal, 2016, 86, 481-492.	2.8	13
22	Comparative analysis of embryo proper and suspensor transcriptomes in plant embryos with different morphologies. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	13
23	fist : an Arabidopsis mutant with altered cell division planes and radial pattern disruption during embryogenesis. Sexual Plant Reproduction, 1997, 10, 358-367.	2.2	10
24	Genome-wide analyses of gene activity during seed development. Seed Science Research, 2012, 22, S15-S22.	0.8	9
25	Seed biology. Journal of Integrative Plant Biology, 2019, 61, 530-532.	4.1	3
26	A reevaluation of the role of the ASIL trihelix transcription factors as repressors of the seed maturation program. Plant Direct, 2021, 5, e345.	0.8	2