

Yuval Eshed

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,090
citations

331670

21
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

4372
citing authors

#	ARTICLE	IF	CITATIONS
1	The tomato FT ortholog triggers systemic signals that regulate growth and flowering and substitute for diverse environmental stimuli. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6398-6403.	7.1	545
2	Major Impacts of Widespread Structural Variation on Gene Expression and Crop Improvement in Tomato. Cell, 2020, 182, 145-161.e23.	28.9	464
3	A Protracted and Dynamic Maturation Schedule Underlies <i>Arabidopsis</i> Leaf Development. Plant Cell, 2008, 20, 2293-2306.	6.6	303
4	The flowering hormone florigen functions as a general systemic regulator of growth and termination. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8392-8397.	7.1	301
5	Bypassing Negative Epistasis on Yield in Tomato Imposed by a Domestication Gene. Cell, 2017, 169, 1142-1155.e12.	28.9	286
6	Differentiating <i>Arabidopsis</i> Shoots from Leaves by Combined YABBY Activities. Plant Cell, 2010, 22, 2113-2130.	6.6	265
7	In silico screening of a saturated mutation library of tomato. Plant Journal, 2004, 38, 861-872.	5.7	262
8	Morphogenesis of Simple and Compound Leaves: A Critical Review. Plant Cell, 2010, 22, 1019-1032.	6.6	227
9	The Making of a Compound Inflorescence in Tomato and Related Nightshades. PLoS Biology, 2008, 6, e288.	5.6	207
10	Revolutions in agriculture chart a course for targeted breeding of old and new crops. Science, 2019, 366, .	12.6	197
11	Optimization of crop productivity in tomato using induced mutations in the florigen pathway. Nature Genetics, 2014, 46, 1337-1342.	21.4	169
12	Universal florigenic signals triggered by FT homologues regulate growth and flowering cycles in perennial day-neutral tomato. Journal of Experimental Botany, 2006, 57, 3405-3414.	4.8	147
13	Florigen and anti-florigen are a systemic mechanism for coordinating growth and termination in flowering plants. Frontiers in Plant Science, 2014, 5, 465.	3.6	130
14	Synchronization of the flowering transition by the tomato TERMINATING FLOWER gene. Nature Genetics, 2012, 44, 1393-1398.	21.4	122
15	Conserved pleiotropy of an ancient plant homeobox gene uncovered by cis-regulatory dissection. Cell, 2021, 184, 1724-1739.e16.	28.9	103
16	Monopodial and sympodial branching architecture in cotton is differentially regulated by the <i>Gossypium hirsutum</i> SINGLE FLOWER TRUSS and SELF PRUNING orthologs. New Phytologist, 2016, 212, 244-258.	7.3	74
17	Meristem maturation and inflorescence architecture—lessons from the Solanaceae. Current Opinion in Plant Biology, 2014, 17, 70-77.	7.1	67
18	Co-ordinated regulation of flowering time, plant architecture and growth by FASCICULATE: the pepper orthologue of SELF PRUNING. Journal of Experimental Botany, 2009, 60, 869-880.	4.8	51

#	ARTICLE	IF	CITATIONS
19	Coordination of auxin-triggered leaf initiation by tomato <i>LEAFLESS</i> . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3246-3251.	7.1	47
20	Inhibition of gibberellin accumulation by water deficiency promotes fast and long-term drought avoidance responses in tomato. <i>New Phytologist</i> , 2021, 232, 1985-1998.	7.3	42
21	The flowering hormone florigen accelerates secondary cell wall biogenesis to harmonize vascular maturation with reproductive development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16127-16136.	7.1	39
22	Dissection of floral transition by single-meristem transcriptomes at high temporal resolution. <i>Nature Plants</i> , 2021, 7, 800-813.	9.3	26
23	Coordination of Meristem Doming and the Floral Transition by Late Termination, a Kelch Repeat Protein. <i>Plant Cell</i> , 2017, 29, 681-696.	6.6	16