Eilon Shani

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3885387/publications.pdf

Version: 2024-02-01

25 papers	2,419 citations	430874 18 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	3179 citing authors

#	Article	IF	Citations
1	Arabidopsis KNOXI Proteins Activate Cytokinin Biosynthesis. Current Biology, 2005, 15, 1566-1571.	3.9	474
2	Gibberellin Localization and Transport in Plants. Trends in Plant Science, 2018, 23, 410-421.	8.8	295
3	Gibberellins accumulate in the elongating endodermal cells of Arabidopsis root. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4834-4839.	7.1	194
4	The Arabidopsis NPF3 protein is a GA transporter. Nature Communications, 2016, 7, 11486.	12.8	177
5	Cytokinin Regulates Compound Leaf Development in Tomato Â. Plant Cell, 2010, 22, 3206-3217.	6.6	152
6	A map of cell typeâ€specific auxin responses. Molecular Systems Biology, 2013, 9, 688.	7.2	150
7	Stage-Specific Regulation ofSolanum lycopersicumLeaf Maturation by Class 1 KNOTTED1-LIKE HOMEOBOX Proteins Â. Plant Cell, 2009, 21, 3078-3092.	6.6	148
8	Plant Stress Tolerance Requires Auxin-Sensitive Aux/IAA Transcriptional Repressors. Current Biology, 2017, 27, 437-444.	3.9	148
9	PHB3 Maintains Root Stem Cell Niche Identity through ROS-Responsive AP2/ERF Transcription Factors in Arabidopsis. Cell Reports, 2018, 22, 1350-1363.	6.4	128
10	The glucosinolate breakdown product indoleâ€3â€carbinol acts as an auxin antagonist in roots of <scp>A</scp>rabidopsis thaliana. Plant Journal, 2015, 82, 547-555.	5.7	98
11	Auxin response under osmotic stress. Plant Molecular Biology, 2016, 91, 661-672.	3.9	88
12	Transport mechanisms of plant hormones. Current Opinion in Plant Biology, 2021, 63, 102055.	7.1	74
13	The GORKY glycoalkaloid transporter is indispensable for preventing tomato bitterness. Nature Plants, 2021, 7, 468-480.	9.3	50
14	A transportome-scale amiRNA-based screen identifies redundant roles of Arabidopsis ABCB6 and ABCB20 in auxin transport. Nature Communications, 2018, 9, 4204.	12.8	42
15	TEMPRANILLO Reveals the Mesophyll as Crucial for Epidermal Trichome Formation. Plant Physiology, 2016, 170, 1624-1639.	4.8	39
16	ABA homeostasis and long-distance translocation are redundantly regulated by ABCG ABA importers. Science Advances, 2021, 7, eabf6069.	10.3	34
17	Cell kinetics of auxin transport and activity in Arabidopsis root growth and skewing. Nature Communications, 2021, 12, 1657.	12.8	30
18	The KNOXI Transcription Factor SHOOT MERISTEMLESS Regulates Floral Fate in Arabidopsis. Plant Cell, 2018, 30, 1309-1321.	6.6	23

#	Article	IF	Citations
19	CRISPys: Optimal sgRNA Design for Editing Multiple Members of a Gene Family Using the CRISPR System. Journal of Molecular Biology, 2018, 430, 2184-2195.	4.2	18
20	Characterizing gibberellin flowin plantausing photocaged gibberellins. Chemical Science, 2019, 10, 1500-1505.	7.4	14
21	Stronger sink demand for metabolites supports dominance of the apical bud in etiolated growth. Journal of Experimental Botany, 2016, 67, 5495-5508.	4.8	13
22	A seed resource for screening functionally redundant genes and isolation of new mutants impaired in CO2 and ABA responses. Journal of Experimental Botany, 2019, 70, 641-651.	4.8	12
23	Cellâ€type action specificity of auxin on Arabidopsis root growth. Plant Journal, 2021, 106, 928-941.	5.7	11
24	Studying microstructure and microstructural changes in plant tissues by advanced diffusion magnetic resonance imaging techniques. Journal of Experimental Botany, 2017, 68, 2245-2257.	4.8	7
25	Highlighting Gibberellins Accumulation Sites in Arabidopsis thaliana Root Using Fluorescently Labeled Gibberellins. Methods in Molecular Biology, 2017, 1497, 91-97.	0.9	0