

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	The GORKY glycoalkaloid transporter is indispensable for preventing tomato bitterness. <i>Nature Plants</i> , 2021, 7, 468-480.	9.3	50
2	Cell kinetics of auxin transport and activity in <i>Arabidopsis</i> root growth and skewing. <i>Nature Communications</i> , 2021, 12, 1657.	12.8	30
3	Cell-type action specificity of auxin on <i>Arabidopsis</i> root growth. <i>Plant Journal</i> , 2021, 106, 928-941.	5.7	11
4	Transport mechanisms of plant hormones. <i>Current Opinion in Plant Biology</i> , 2021, 63, 102055.	7.1	74
5	ABA homeostasis and long-distance translocation are redundantly regulated by ABCG ABA importers. <i>Science Advances</i> , 2021, 7, eabf6069.	10.3	34
6	A seed resource for screening functionally redundant genes and isolation of new mutants impaired in CO ₂ and ABA responses. <i>Journal of Experimental Botany</i> , 2019, 70, 641-651.	4.8	12
7	Characterizing gibberellin flow in planta using photocaged gibberellins. <i>Chemical Science</i> , 2019, 10, 1500-1505.	7.4	14
8	Gibberellin Localization and Transport in Plants. <i>Trends in Plant Science</i> , 2018, 23, 410-421.	8.8	295
9	CRISPyS: Optimal sgRNA Design for Editing Multiple Members of a Gene Family Using the CRISPR System. <i>Journal of Molecular Biology</i> , 2018, 430, 2184-2195.	4.2	18
10	PHB3 Maintains Root Stem Cell Niche Identity through ROS-Responsive AP2/ERF Transcription Factors in <i>Arabidopsis</i> . <i>Cell Reports</i> , 2018, 22, 1350-1363.	6.4	128
11	A transportome-scale amiRNA-based screen identifies redundant roles of <i>Arabidopsis</i> ABCB6 and ABCB20 in auxin transport. <i>Nature Communications</i> , 2018, 9, 4204.	12.8	42
12	The KNOX1 Transcription Factor SHOOT MERISTEMLESS Regulates Floral Fate in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2018, 30, 1309-1321.	6.6	23
13	Plant Stress Tolerance Requires Auxin-Sensitive Aux/IAA Transcriptional Repressors. <i>Current Biology</i> , 2017, 27, 437-444.	3.9	148
14	Studying microstructure and microstructural changes in plant tissues by advanced diffusion magnetic resonance imaging techniques. <i>Journal of Experimental Botany</i> , 2017, 68, 2245-2257.	4.8	7
15	Highlighting Gibberellins Accumulation Sites in <i>Arabidopsis thaliana</i> Root Using Fluorescently Labeled Gibberellins. <i>Methods in Molecular Biology</i> , 2017, 1497, 91-97.	0.9	0
16	The <i>Arabidopsis</i> NPF3 protein is a GA transporter. <i>Nature Communications</i> , 2016, 7, 11486.	12.8	177
17	Auxin response under osmotic stress. <i>Plant Molecular Biology</i> , 2016, 91, 661-672.	3.9	88
18	Stronger sink demand for metabolites supports dominance of the apical bud in etiolated growth. <i>Journal of Experimental Botany</i> , 2016, 67, 5495-5508.	4.8	13

#	ARTICLE	IF	CITATIONS
19	TEMPRANILLO Reveals the Mesophyll as Crucial for Epidermal Trichome Formation. <i>Plant Physiology</i> , 2016, 170, 1624-1639.	4.8	39
20	The glucosinolate breakdown product indole-3-carbinol acts as an auxin antagonist in roots of <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2015, 82, 547-555.	5.7	98
21	A map of cell type-specific auxin responses. <i>Molecular Systems Biology</i> , 2013, 9, 688.	7.2	150
22	Gibberellins accumulate in the elongating endodermal cells of <i>Arabidopsis</i> root. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4834-4839.	7.1	194
23	Cytokinin Regulates Compound Leaf Development in Tomato. <i>Plant Cell</i> , 2010, 22, 3206-3217.	6.6	152
24	Stage-Specific Regulation of <i>Solanum lycopersicum</i> Leaf Maturation by Class 1 KNOTTED1-LIKE HOMEODOMAIN Proteins. <i>Plant Cell</i> , 2009, 21, 3078-3092.	6.6	148
25	<i>Arabidopsis</i> KNOX1 Proteins Activate Cytokinin Biosynthesis. <i>Current Biology</i> , 2005, 15, 1566-1571.	3.9	474