

Tamar Avin-Wittenberg

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,868
citations

567281

15
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

5370
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Arabidopsis</i> electron transfer flavoprotein:ubiquinone oxidoreductase is required during normal seed development and germination. <i>Plant Journal</i> , 2022, 109, 196-214.	5.7	6
2	Exploring the Contribution of Autophagy to the Excess-Sucrose Response in <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 3891.	4.1	2
3	Metabolism and autophagy in plants – a perfect match. <i>FEBS Letters</i> , 2022, 596, 2133-2151.	2.8	9
4	Vacuolar processing enzyme translocates to the vacuole through the autophagy pathway to induce programmed cell death. <i>Autophagy</i> , 2021, 17, 3109-3123.	9.1	17
5	Autophagy is required for lipid homeostasis during dark-induced senescence. <i>Plant Physiology</i> , 2021, 185, 1542-1558.	4.8	22
6	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (edition	9.1	1,430
7	Multifaceted Roles of Plant Autophagy in Lipid and Energy Metabolism. <i>Trends in Plant Science</i> , 2020, 25, 1141-1153.	8.8	35
8	The Phytotoxicity of Meta-Tyrosine Is Associated With Altered Phenylalanine Metabolism and Misincorporation of This Non-Proteinogenic Phe-Analog to the Plant's Proteome. <i>Frontiers in Plant Science</i> , 2020, 11, 140.	3.6	11
9	Autophagy and its role in plant abiotic stress management. <i>Plant, Cell and Environment</i> , 2019, 42, 1045-1053.	5.7	130
10	Autophagy-related approaches for improving nutrient use efficiency and crop yield protection. <i>Journal of Experimental Botany</i> , 2018, 69, 1335-1353.	4.8	97
11	An L,L-diaminopimelate aminotransferase mutation leads to metabolic shifts and growth inhibition in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2018, 69, 5489-5506.	4.8	5
12	Commonalities and differences in plants deficient in autophagy and alternative pathways of respiration on response to extended darkness. <i>Plant Signaling and Behavior</i> , 2017, 12, e1377877.	2.4	2
13	Autophagy Deficiency Compromises Alternative Pathways of Respiration following Energy Deprivation in <i>Arabidopsis thaliana</i> . <i>Plant Physiology</i> , 2017, 175, 62-76.	4.8	98
14	Autophagy in Plants – What's New on the Menu?. <i>Trends in Plant Science</i> , 2016, 21, 134-144.	8.8	221
15	Global Analysis of the Role of Autophagy in Cellular Metabolism and Energy Homeostasis in <i>Arabidopsis</i> Seedlings under Carbon Starvation. <i>Plant Cell</i> , 2015, 27, 306-322.	6.6	166
16	Involvement of autophagy in the direct ER to vacuole protein trafficking route in plants. <i>Frontiers in Plant Science</i> , 2014, 5, 134.	3.6	32
17	The role of photosynthesis and amino acid metabolism in the energy status during seed development. <i>Frontiers in Plant Science</i> , 2014, 5, 447.	3.6	98
18	At Long Last: Evidence for Pexophagy in Plants. <i>Molecular Plant</i> , 2014, 7, 1257-1260.	8.3	12

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19	ATI1, a newly identified atg8-interacting protein, binds two different Atg8 homologs. <i>Plant Signaling and Behavior</i> , 2012, 7, 685-687.	2.4	26
20	Selective autophagy in the aid of plant germination and response to nutrient starvation. <i>Autophagy</i> , 2012, 8, 838-839.	9.1	15
21	A New Type of Compartment, Defined by Plant-Specific Atg8-Interacting Proteins, Is Induced upon Exposure of <i>Arabidopsis</i> Plants to Carbon Starvation. <i>Plant Cell</i> , 2012, 24, 288-303.	6.6	164
22	Variations on a theme: plant autophagy in comparison to yeast and mammals. <i>Protoplasma</i> , 2012, 249, 285-299.	2.1	96
23	Deciphering energy-associated gene networks operating in the response of <i>Arabidopsis</i> plants to stress and nutritional cues. <i>Plant Journal</i> , 2012, 70, 954-966.	5.7	29
24	A friend in need is a friend indeed. <i>Plant Signaling and Behavior</i> , 2011, 6, 1294-1296.	2.4	2
25	An autophagy-associated Atg8 protein is involved in the responses of <i>Arabidopsis</i> seedlings to hormonal controls and abiotic stresses. <i>Journal of Experimental Botany</i> , 2008, 59, 4029-4043.	4.8	121
26	IL-15 regulates immature B-cell homing in an Ly49D-, IL-12 α , and IL-18 α -dependent manner. <i>Blood</i> , 2008, 111, 50-59.	1.4	12