Tamar Avin-Wittenberg

List of Publications by Year
in descending order

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	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Tf	9.1	1,430
2	Autophagy in Plants â€" What's New on the Menu?. Trends in Plant Science, 2016, 21, 134-144.	8.8	221
3	Global Analysis of the Role of Autophagy in Cellular Metabolism and Energy Homeostasis in Arabidopsis Seedlings under Carbon Starvation. Plant Cell, 2015, 27, 306-322.	6.6	166
4	A New Type of Compartment, Defined by Plant-Specific Atg8-Interacting Proteins, Is Induced upon Exposure of <i>Arabidopsis</i> Plants to Carbon Starvation Â. Plant Cell, 2012, 24, 288-303.	6.6	164
5	Autophagy and its role in plant abiotic stress management. Plant, Cell and Environment, 2019, 42, 1045-1053.	5.7	130
6	An autophagy-associated Atg8 protein is involved in the responses of Arabidopsis seedlings to hormonal controls and abiotic stresses. Journal of Experimental Botany, 2008, 59, 4029-4043.	4.8	121
7	The role of photosynthesis and amino acid metabolism in the energy status during seed development. Frontiers in Plant Science, 2014, 5, 447.	3.6	98
8	Autophagy Deficiency Compromises Alternative Pathways of Respiration following Energy Deprivation in <i>Arabidopsis thaliana</i>. Plant Physiology, 2017, 175, 62-76.	4.8	98
9	Autophagy-related approaches for improving nutrient use efficiency and crop yield protection. Journal of Experimental Botany, 2018, 69, 1335-1353.	4.8	97
10	Variations on a theme: plant autophagy in comparison to yeast and mammals. Protoplasma, 2012, 249, 285-299.	2.1	96
11	Multifaceted Roles of Plant Autophagy in Lipid and Energy Metabolism. Trends in Plant Science, 2020, 25, 1141-1153.	8.8	35
12	Involvement of autophagy in the direct ER to vacuole protein trafficking route in plants. Frontiers in Plant Science, 2014, 5, 134.	3.6	32
13	Deciphering energyâ€associated gene networks operating in the response of Arabidopsis plants to stress and nutritional cues. Plant Journal, 2012, 70, 954-966.	5.7	29
14	ATI1, a newly identified atg8-interacting protein, binds two different Atg8 homologs. Plant Signaling and Behavior, 2012, 7, 685-687.	2.4	26
15	Autophagy is required for lipid homeostasis during dark-induced senescence. Plant Physiology, 2021, 185, 1542-1558.	4.8	22
16	Vacuolar processing enzyme translocates to the vacuole through the autophagy pathway to induce programmed cell death. Autophagy, 2021, 17, 3109-3123.	9.1	17
17	Selective autophagy in the aid of plant germination and response to nutrient starvation. Autophagy, 2012, 8, 838-839.	9.1	15
18	IL-15 regulates immature B-cell homing in an Ly49D-, IL-12â€", and IL-18â€"dependent manner. Blood, 2008, 111, 50-59.	1.4	12

#	Article	IF	Citations
19	At Long Last: Evidence for Pexophagy in Plants. Molecular Plant, 2014, 7, 1257-1260.	8.3	12
20	The Phytotoxicity of Meta-Tyrosine Is Associated With Altered Phenylalanine Metabolism and Misincorporation of This Non-Proteinogenic Phe-Analog to the Plant's Proteome. Frontiers in Plant Science, 2020, 11, 140.	3.6	11
21	Metabolism and autophagy in plants—a perfect match. FEBS Letters, 2022, 596, 2133-2151.	2.8	9
22	The <i>Arabidopsis</i> electron-transfer flavoprotein:ubiquinone oxidoreductase is required during normal seed development and germination. Plant Journal, 2022, 109, 196-214.	5.7	6
23	An L,L-diaminopimelate aminotransferase mutation leads to metabolic shifts and growth inhibition in Arabidopsis. Journal of Experimental Botany, 2018, 69, 5489-5506.	4.8	5
24	A friend in need is a friend indeed. Plant Signaling and Behavior, 2011, 6, 1294-1296.	2.4	2
25	Commonalities and differences in plants deficient in autophagy and alternative pathways of respiration on response to extended darkness. Plant Signaling and Behavior, 2017, 12, e1377877.	2.4	2
26	Exploring the Contribution of Autophagy to the Excess-Sucrose Response in Arabidopsis thaliana. International Journal of Molecular Sciences, 2022, 23, 3891.	4.1	2