Ella Katz

List of Publications by Year
in descending order

10 papers	462 citations	1040056 9 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	651 citing authors

#	Article	IF	Citations
1	Improved yield and health benefits of watercress grown in an indoor vertical farm. Scientia Horticulturae, 2022, 300, 111068.	3.6	7
2	Integrated omics reveal novel functions and underlying mechanisms of the receptor kinase FERONIA inArabidopsis thaliana. Plant Cell, 2022, 34, 2594-2614.	6.6	18
3	Genetic variation, environment and demography intersect to shape Arabidopsis defense metabolite variation across Europe. ELife, 2021, 10, .	6.0	33
4	Diverse Allyl Glucosinolate Catabolites Independently Influence Root Growth and Development. Plant Physiology, 2020, 183, 1376-1390.	4.8	34
5	mGWAS Uncovers Gln-Glucosinolate Seed-Specific Interaction and its Role in Metabolic Homeostasis. Plant Physiology, 2020, 183, 483-500.	4.8	24
6	Auxin-sensitive Aux/IAA proteins mediate drought tolerance in Arabidopsis by regulating glucosinolate levels. Nature Communications, 2019, 10, 4021.	12.8	155
7	Indole-3-carbinol: a plant hormone combatting cancer. F1000Research, 2018, 7, 689.	1.6	51
8	Wounding of Arabidopsis leaves induces indoleâ€3â€carbinolâ€dependent autophagy in roots of Arabidopsis thaliana. Plant Journal, 2017, 91, 779-787.	5.7	20
9	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
10	The effect of indole-3-carbinol on PIN1 and PIN2 in Arabidopsis roots. Plant Signaling and Behavior, 2015, 10, e1062200.	2.4	20