

Ella Katz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7956381/publications.pdf>

Version: 2024-02-01

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