

# Katherine M Murphy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6650171/publications.pdf>

Version: 2024-02-01

10  
papers

355  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery, Biosynthesis and Stress-Related Accumulation of Dolabradiene-Derived Defenses in Maize. <i>Plant Physiology</i> , 2018, 176, 2677-2690.	4.8	94
2	Multiple genes recruited from hormone pathways partition maize diterpenoid defences. <i>Nature Plants</i> , 2019, 5, 1043-1056.	9.3	60
3	Genetic elucidation of interconnected antibiotic pathways mediating maize innate immunity. <i>Nature Plants</i> , 2020, 6, 1375-1388.	9.3	52
4	Specialized diterpenoid metabolism in monocot crops: Biosynthesis and chemical diversity. <i>Phytochemistry</i> , 2020, 172, 112289.	2.9	50
5	Bioactive diterpenoids impact the composition of the root-associated microbiome in maize ( <i>Zea mays</i> ). <i>Scientific Reports</i> , 2021, 11, 333.	3.3	36
6	Functional Characterization of Two Class II Diterpene Synthases Indicates Additional Specialized Diterpenoid Pathways in Maize ( <i>Zea mays</i> ). <i>Frontiers in Plant Science</i> , 2018, 9, 1542.	3.6	29
7	Chloroplasts in anther endothecium of <i>Zea mays</i> (Poaceae). <i>American Journal of Botany</i> , 2015, 102, 1931-1937.	1.7	19
8	A Customizable Approach for the Enzymatic Production and Purification of Diterpenoid Natural Products. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	7
9	Coping with cold: Sorghum cold stress from germination to maturity. <i>Crop Science</i> , 2021, 61, 3894-3907.	1.8	5
10	Shielding the oil reserves: the scutellum as a source of chemical defenses. <i>Plant Physiology</i> , 2022, 188, 1944-1949.	4.8	2