Sibongile Mafu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6247611/publications.pdf

Version: 2024-02-01

13	635	933447	1199594
papers	citations	10	12
		h-index	g-index

13	13	13	991
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-Throughput Screening Assays to Identify Plant Natural Products with Antifungal Properties Against Fusarium oxysporum. Methods in Molecular Biology, 2022, 2391, 171-184.	0.9	3
2	Specialized metabolites as mediators for plantâ€“fungus crosstalk and their evolving roles. Current Opinion in Plant Biology, 2021, 64, 102141.	7.1	2
3	Synthesis of Novel Stilbeneâ€“Coumarin Derivatives and Antifungal Screening of Monotes kerstingii-Specialized Metabolites Against Fusarium oxysporum. Antibiotics, 2020, 9, 537.	3.7	5
4	Multiple genes recruited from hormone pathways partition maize diterpenoid defences. Nature Plants, 2019, 5, 1043-1056.	9.3	60
5	Discovery, Biosynthesis and Stress-Related Accumulation of Dolabradiene-Derived Defenses in Maize. Plant Physiology, 2018, 176, 2677-2690.	4.8	94
6	Plant diterpenoid metabolism for manufacturing the biopharmaceuticals of tomorrow: prospects and challenges. Phytochemistry Reviews, 2018, 17, 113-130.	6.5	31
7	Biosynthesis of the microtubule-destabilizing diterpene pseudolaric acid B from golden larch involves an unusual diterpene synthase. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 974-979.	7.1	21
8	Molecular Diversity of Terpene Synthases in the Liverwort Marchantia polymorpha. Plant Cell, 2016, 28, tpc.00062.2016.	6.6	48
9	Substitution of Two Activeâ€Site Residues Alters C9â€Hydroxylation in a Classâ€…II Diterpene Synthase. ChemBioChem, 2016, 17, 2304-2307.	2.6	16
10	Probing the promiscuity of ent -kaurene oxidases via combinatorial biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2526-2531.	7.1	53
11	Exploring diterpene metabolism in nonâ€model species: transcriptomeâ€enabled discovery and functional characterization of labdaâ€7,13Eâ€dienyl diphosphate synthase from Grindelia robusta. Plant Journal, 2015, 83, 783-793.	5.7	31
12	To Gibberellins and Beyond! Surveying the Evolution of (Di)Terpenoid Metabolism. Annual Review of Plant Biology, 2014, 65, 259-286.	18.7	228
13	A Novel Labdaâ€7,13Eâ€dienâ€15â€olâ€Producing Bifunctional Diterpene Synthase from Selaginella moellendorffii. ChemBioChem, 2011, 12, 1984-1987.	2.6	43