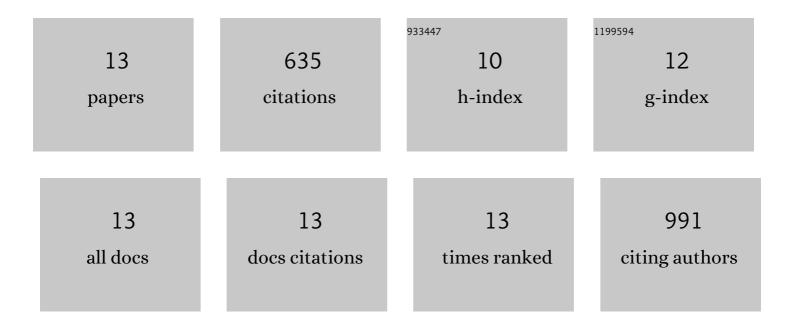
Sibongile Mafu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6247611/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	To Gibberellins and Beyond! Surveying the Evolution of (Di)Terpenoid Metabolism. Annual Review of Plant Biology, 2014, 65, 259-286.	18.7	228
2	Discovery, Biosynthesis and Stress-Related Accumulation of Dolabradiene-Derived Defenses in Maize. Plant Physiology, 2018, 176, 2677-2690.	4.8	94
3	Multiple genes recruited from hormone pathways partition maize diterpenoid defences. Nature Plants, 2019, 5, 1043-1056.	9.3	60
4	Probing the promiscuity of <i>ent</i> -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
5	Molecular Diversity of Terpene Synthases in the Liverwort Marchantia polymorpha. Plant Cell, 2016, 28, tpc.00062.2016.	6.6	48
6	A Novel Labdaâ€7,13 <i>E</i> â€dienâ€15â€olâ€Producing Bifunctional Diterpene Synthase from <i>Selaginella moellendorffii</i> . ChemBioChem, 2011, 12, 1984-1987.	2.6	43
7	Exploring diterpene metabolism in nonâ€model species: transcriptomeâ€enabled discovery and functional characterization of labdaâ€7,13 <i>E</i> â€dienyl diphosphate synthase from <i>Grindelia robusta</i> . Plant Journal, 2015, 83, 783-793.	5.7	31
8	Plant diterpenoid metabolism for manufacturing the biopharmaceuticals of tomorrow: prospects and challenges. Phytochemistry Reviews, 2018, 17, 113-130.	6.5	31
9	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
10	Substitution of Two Activeâ€6ite Residues Alters C9â€Hydroxylation in a Classâ€II Diterpene Synthase. ChemBioChem, 2016, 17, 2304-2307.	2.6	16
11	Synthesis of Novel Stilbene–Coumarin Derivatives and Antifungal Screening of Monotes kerstingii-Specialized Metabolites Against Fusarium oxysporum. Antibiotics, 2020, 9, 537.	3.7	5
12	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
13	Specialized metabolites as mediators for plant–fungus crosstalk and their evolving roles. Current Opinion in Plant Biology, 2021, 64, 102141.	7.1	2