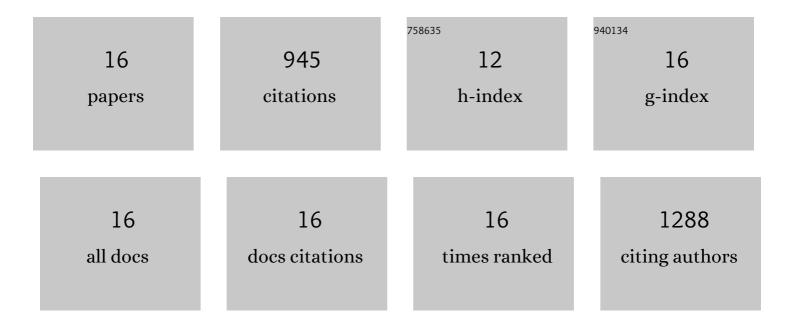
Msizi I Mhlongo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Chemistry of Plant–Microbe Interactions in the Rhizosphere and the Potential for Metabolomics to Reveal Signaling Related to Defense Priming and Induced Systemic Resistance. Frontiers in Plant Science, 2018, 9, 112.	1.7	338
2	Analyses of chlorogenic acids and related cinnamic acid derivatives from Nicotiana tabacumtissues with the aid of UPLC-QTOF-MS/MS based on the in-source collision-induced dissociation method. Chemistry Central Journal, 2014, 8, 66.	2.6	116
3	Metabolomics in Plant Priming Research: The Way Forward?. International Journal of Molecular Sciences, 2018, 19, 1759.	1.8	83
4	Highlighting mass spectrometric fragmentation differences and similarities between hydroxycinnamoyl-quinic acids and hydroxycinnamoyl-isocitric acids. Chemistry Central Journal, 2017, 11, 29.	2.6	58
5	Metabolomic Profiling of the Host Response of Tomato (Solanum lycopersicum) Following Infection by Ralstonia solanacearum. International Journal of Molecular Sciences, 2019, 20, 3945.	1.8	54
6	Phenylpropanoid Defences in Nicotiana tabacum Cells: Overlapping Metabolomes Indicate Common Aspects to Priming Responses Induced by Lipopolysaccharides, Chitosan and Flagellin-22. PLoS ONE, 2016, 11, e0151350.	1.1	46
7	Profiling of Altered Metabolomic States in Nicotiana tabacum Cells Induced by Priming Agents. Frontiers in Plant Science, 2016, 7, 1527.	1.7	44
8	Metabolic Profiling of PGPR-Treated Tomato Plants Reveal Priming-Related Adaptations of Secondary Metabolites and Aromatic Amino Acids. Metabolites, 2020, 10, 210.	1.3	44
9	Priming agents of plant defence stimulate the accumulation of mono- and di-acylated quinic acids in cultured tobacco cells. Physiological and Molecular Plant Pathology, 2014, 88, 61-66.	1.3	41
10	Comparative Metabolic Phenotyping of Tomato (Solanum lycopersicum) for the Identification of Metabolic Signatures in Cultivars Differing in Resistance to Ralstonia solanacearum. International Journal of Molecular Sciences, 2018, 19, 2558.	1.8	33
11	Rhizosphere Tripartite Interactions and PGPR-Mediated Metabolic Reprogramming towards ISR and Plant Priming: A Metabolomics Review. Biology, 2022, 11, 346.	1.3	33
12	Metabolomic Evaluation of Tissue-Specific Defense Responses in Tomato Plants Modulated by PGPR-Priming against Phytophthora capsici Infection. Plants, 2021, 10, 1530.	1.6	21
13	Concurrent Metabolic Profiling and Quantification of Aromatic Amino Acids and Phytohormones in Solanum lycopersicum Plants Responding to Phytophthora capsici. Metabolites, 2020, 10, 466.	1.3	14
14	Comparative Metabolite Profiling of Wheat Cultivars (Triticum aestivum) Reveals Signatory Markers for Resistance and Susceptibility to Stripe Rust and Aluminium (Al3+) Toxicity. Metabolites, 2022, 12, 98.	1.3	13
15	Untargeted Metabolomics Profiling of Arabidopsis WT, lbr-2-2 and bak1-4 Mutants Following Treatment with Two LPS Chemotypes. Metabolites, 2022, 12, 379.	1.3	4
16	LC-MS based metabolite profiling reveals hydroxylcinnamoyl conjugation as a discriminatory chemical factor between two closely related Coccinia species. South African Journal of Botany, 2022, 145, 199-206.	1.2	3