J Musembi Mutuku

List of Publications by Year
in descending order

15	531	840776 11	996975 15
papers	citations	h-index	g-index

15	15	15	676
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cassava mosaic disease and its whitefly vector in Cameroon: Incidence, severity and whitefly numbers from field surveys. Crop Protection, 2022, 158, 106017.	2.1	5
2	Orobanchaceae parasiteâ€“host interactions. New Phytologist, 2021, 230, 46-59.	7.3	40
3	Multiple Mycotoxins in Kenyan Rice. Toxins, 2021, 13, 203.	3.4	8
4	Epidemiological assessment of cassava mosaic disease in Burkina Faso. Plant Pathology, 2021, 70, 2207-2216.	2.4	10
5	Modelling and manipulation of aphid-mediated spread of non-persistently transmitted viruses. Virus Research, 2020, 277, 197845.	2.2	39
6	Three Aphid-Transmitted Viruses Encourage Vector Migration From Infected Common Bean (Phaseolus) Tj ETQq0 0 0 rgBT /Overlock 10 2020, 11, 613772.	3.6	13
7	Striga. Current Biology, 2019, 29, R1064-R1065.	3.9	2
8	Genome Sequence of Striga asiatica Provides Insight into the Evolution of Plant Parasitism. Current Biology, 2019, 29, 3041-3052.e4.	3.9	109
9	The Structural Integrity of Lignin Is Crucial for Resistance against Striga hermonthica Parasitism in Rice. Plant Physiology, 2019, 179, 1796-1809.	4.8	60
10	Different Plant Viruses Induce Changes in Feeding Behavior of Specialist and Generalist Aphids on Common Bean That Are Likely to Enhance Virus Transmission. Frontiers in Plant Science, 2019, 10, 1811.	3.6	27
11	Metagenomic Analysis of Plant Virus Occurrence in Common Bean (Phaseolus vulgaris) in Central Kenya. Frontiers in Microbiology, 2018, 9, 2939.	3.5	29
12	Viral metagenomics of aphids present in bean and maize plots on mixed-use farms in Kenya reveals the presence of three dicistroviruses including a novel Big Sioux River virus-like dicistrovirus. Virology Journal, 2017, 14, 188.	3.4	43
13	The WRKY45-Dependent Signaling Pathway Is Required For Resistance against Striga hermonthica Parasitism. Plant Physiology, 2015, 168, 1152-1163.	4.8	51
14	Transcriptomics exposes the uniqueness of parasitic plants. Briefings in Functional Genomics, 2015, 14, 275-282.	2.7	25
15	Changes in the Contents of Metabolites and Enzyme Activities in Rice Plants Responding to Rhizoctonia solani Kuhn Infection: Activation of Glycolysis and Connection to Phenylpropanoid Pathway. Plant and Cell Physiology, 2012, 53, 1017-1032.	3.1	70