

Robert Kawuki

List of Publications by Year in descending order

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35
papers

1,012
citations

566801

15
h-index

476904

29
g-index

41
all docs

41
docs citations

41
times ranked

1139
citing authors

#	ARTICLE	IF	CITATIONS
1	Cassava haplotype map highlights fixation of deleterious mutations during clonal propagation. <i>Nature Genetics</i> , 2017, 49, 959-963.	9.4	208
2	Genome-wide Association and Prediction Reveals Genetic Architecture of Cassava Mosaic Disease Resistance and Prospects for Rapid Genetic Improvement. <i>Plant Genome</i> , 2016, 9, plantgenome2015.11.0118.	1.6	120
3	Field evaluation of selected cassava genotypes for cassava brown streak disease based on symptom expression and virus load. <i>Virology Journal</i> , 2014, 11, 216.	1.4	79
4	Genome-wide association mapping and genomic prediction for CBSD resistance in <i>Manihot esculenta</i> . <i>Scientific Reports</i> , 2018, 8, 1549.	1.6	66
5	African Cassava Whitefly, <i>Bemisia tabaci</i> , Resistance in African and South American Cassava Genotypes. <i>Journal of Integrative Agriculture</i> , 2012, 11, 327-336.	1.7	57
6	Bio-Ethanol Production from Non-Food Parts of Cassava (<i>Manihot esculenta</i> Crantz). <i>Ambio</i> , 2012, 41, 262-270.	2.8	51
7	Genotype-environment interaction effects on early fresh storage root yield and related traits in cassava. <i>Crop Journal</i> , 2014, 2, 329-337.	2.3	50
8	Resistance of advanced cassava breeding clones to infection by major viruses in Uganda. <i>Crop Protection</i> , 2019, 115, 104-112.	1.0	32
9	Historical Introgressions from a Wild Relative of Modern Cassava Improved Important Traits and May Be Under Balancing Selection. <i>Genetics</i> , 2019, 213, 1237-1253.	1.2	27
10	Genetic Diversity of Provitamin A Cassava in Uganda. <i>Journal of Plant Studies</i> , 2012, 1, .	0.3	24
11	Training Population Optimization for Prediction of Cassava Brown Streak Disease Resistance in West African Clones. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3903-3913.	0.8	23
12	Variation in qualitative and quantitative traits of cassava germplasm from selected national breeding programmes in sub-Saharan Africa. <i>Field Crops Research</i> , 2011, 122, 151-156.	2.3	22
13	A method for generating virus-free cassava plants to combat viral disease epidemics in Africa. <i>Physiological and Molecular Plant Pathology</i> , 2019, 105, 77-87.	1.3	21
14	Exchanging and managing in-vitro elite germplasm to combat Cassava Brown Streak Disease (CBSD) and Cassava Mosaic Disease (CMD) in Eastern and Southern Africa. <i>Food Security</i> , 2018, 10, 351-368.	2.4	20
15	Genetic Variation and Trait Correlations in an East African Cassava Breeding Population for Genomic Selection. <i>Crop Science</i> , 2019, 59, 460-473.	0.8	19
16	Expansion of the cassava brown streak pandemic in Uganda revealed by annual field survey data for 2004 to 2017. <i>Scientific Data</i> , 2019, 6, 327.	2.4	19
17	solGS: a web-based tool for genomic selection. <i>BMC Bioinformatics</i> , 2014, 15, 398.	1.2	18
18	Breedbase: a digital ecosystem for modern plant breeding. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	17

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19	Starch quality traits of improved provitamin A cassava (<i>Manihot esculenta</i> Crantz). <i>Heliyon</i> , 2019, 5, e01215.	1.4	15
20	Genetic variation and association among factors influencing storage root bulking in cassava. <i>Journal of Agricultural Science</i> , 2015, 153, 1267-1280.	0.6	14
21	Quantification of starch physicochemical characteristics in a cassava segregating population. <i>African Crop Science Journal</i> , 2010, 16, .	0.1	12
22	Plot based heritability estimates and categorization of cassava genotype response to cassava brown streak disease. <i>Crop Protection</i> , 2018, 108, 39-46.	1.0	12
23	Varietal response of cassava root yield components and root necrosis from cassava Brown streak disease to time of harvesting in Uganda. <i>Crop Protection</i> , 2019, 120, 58-66.	1.0	12
24	Combining Ability Analysis of Storage Root Yield and Related Traits in Cassava at the Seedling Evaluation Stage of Breeding. <i>Journal of Crop Improvement</i> , 2014, 28, 530-546.	0.9	10
25	Alternative Approaches for Assessing Cassava Brown Streak Root Necrosis to Guide Resistance Breeding and Selection. <i>Frontiers in Plant Science</i> , 2019, 10, 1461.	1.7	10
26	Genomic prediction and quantitative trait locus discovery in a cassava training population constructed from multiple breeding stages. <i>Crop Science</i> , 2020, 60, 896-913.	0.8	9
27	Inbreeding enhances field resistance to cassava brown streak viruses. <i>Journal of Plant Breeding and Crop Science</i> , 2016, 8, 138-149.	0.8	7
28	Men and women's perception of yellow-root cassava among rural farmers in eastern Uganda. <i>Agriculture and Food Security</i> , 2019, 8, .	1.6	6
29	Genetic Relationships of Cassava Genotypes That are Susceptible or Tolerant to Cassava Brown Streak Disease in Uganda. <i>Journal of Agricultural Science</i> , 2013, 5, .	0.1	5
30	A population based expression atlas provides insights into disease resistance and other physiological traits in cassava (<i>Manihot esculenta</i> Crantz). <i>Scientific Reports</i> , 2021, 11, 23520.	1.6	5
31	Adaptation and stability of vegetable soybean genotypes in Uganda. <i>African Crop Science Journal</i> , 2019, 27, 267.	0.1	4
32	Portable Spectroscopy Calibration with Inexpensive and Simple Sampling Reference Alternatives for Dry Matter and Total Carotenoid Contents in Cassava Roots. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1714.	1.3	4
33	Comparison of Near-infrared Spectroscopy with other options for total carotenoids content phenotyping in fresh cassava roots. <i>Journal of Scientific Agriculture</i> , 0, , 55-60.	0.0	3
34	Outlook of Cassava Brown Streak Disease Assessment: Perspectives of the Screening Methods of Breeders and Pathologists. <i>Frontiers in Plant Science</i> , 2021, 12, 648436.	1.7	2
35	Comparing the efficiency of base and multiplicative selection indices for yield and quality traits in Cassava. <i>Journal of Experimental Sciences</i> , 0, , 35-40.	0.0	1