

Rodomiرو Ortiz

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ext. papers

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5.98
L-index

#	Paper	IF	Citations
176	Climate change: Can wheat beat the heat?. <i>Agriculture, Ecosystems and Environment</i> , 2008 , 126, 46-58	5.7	416
175	Genomic selection: genome-wide prediction in plant improvement. <i>Trends in Plant Science</i> , 2014 , 19, 592-601	13.1	366
174	Association analysis of historical bread wheat germplasm using additive genetic covariance of relatives and population structure. <i>Genetics</i> , 2007 , 177, 1889-913	4	345
173	Agriculture production as a major driver of the Earth system exceeding planetary boundaries. <i>Ecology and Society</i> , 2017 , 22,	4.1	291
172	Breeding schemes for the implementation of genomic selection in wheat (<i>Triticum</i> spp.). <i>Plant Science</i> , 2016 , 242, 23-36	5.3	203
171	Landrace Germplasm for Improving Yield and Abiotic Stress Adaptation. <i>Trends in Plant Science</i> , 2016 , 21, 31-42	13.1	186
170	Application of genomics-assisted breeding for generation of climate resilient crops: progress and prospects. <i>Frontiers in Plant Science</i> , 2015 , 6, 563	6.2	161
169	Haploids: Constraints and opportunities in plant breeding. <i>Biotechnology Advances</i> , 2015 , 33, 812-29	17.8	141
168	Global agricultural intensification during climate change: a role for genomics. <i>Plant Biotechnology Journal</i> , 2016 , 14, 1095-8	11.6	138
167	Wheat genetic resources enhancement by the International Maize and Wheat Improvement Center (CIMMYT). <i>Genetic Resources and Crop Evolution</i> , 2008 , 55, 1095-1140	2	121
166	Diversifying Food Systems in the Pursuit of Sustainable Food Production and Healthy Diets. <i>Trends in Plant Science</i> , 2017 , 22, 842-856	13.1	108
165	Development of a groundnut core collection using taxonomical, geographical and morphological descriptors. <i>Genetic Resources and Crop Evolution</i> , 2003 , 50, 139-148	2	103
164	The Future of Food: Scenarios for 2050. <i>Crop Science</i> , 2010 , 50, S-33-S-50	2.4	102
163	High yield potential, shuttle breeding, genetic diversity, and a new international wheat improvement strategy. <i>Euphytica</i> , 2007 , 157, 365-384	2.1	102
162	The Molecularization of Public Sector Crop Breeding: Progress, Problems, and Prospects. <i>Advances in Agronomy</i> , 2007 , 163-318	7.7	101
161	From crossbreeding to biotechnology-facilitated improvement of banana and plantain. <i>Biotechnology Advances</i> , 2014 , 32, 158-69	17.8	98
160	Genetic Diversity within a Global Panel of Durum Wheat Landraces and Modern Germplasm Reveals the History of Alleles Exchange. <i>Frontiers in Plant Science</i> , 2017 , 8, 1277	6.2	96

159	Developing a Mini Core of Peanut for Utilization of Genetic Resources. <i>Crop Science</i> , 2002 , 42, 2150-2156.	2.4	89
158	Enhancing Crop Gene Pools with Beneficial Traits Using Wild Relatives 2008 , 179-230		82
157	Breeding crops for reduced-tillage management in the intensive, rice-wheat systems of South Asia. <i>Euphytica</i> , 2006 , 153, 135-151	2.1	77
156	High-Throughput Field-Phenotyping Tools for Plant Breeding and Precision Agriculture. <i>Agronomy</i> , 2019 , 9, 258	3.6	73
155	Genetic Basis and Breeding Perspectives of Grain Iron and Zinc Enrichment in Cereals. <i>Frontiers in Plant Science</i> , 2018 , 9, 937	6.2	72
154	The importance of Endosperm Balance Number in potato breeding and the evolution of tuber-bearing <i>Solanum</i> species. <i>Euphytica</i> , 1992 , 60, 105-113	2.1	70
153	Development and performance of black sigatoka-resistant tetraploid hybrids of plantain (<i>Musa</i> spp., AAB group). <i>Euphytica</i> , 1993 , 65, 33-42	2.1	67
152	Segregation at Microsatellite Loci in Haploid and Diploid Gametes of <i>Musa</i> . <i>Crop Science</i> , 1998 , 38, 211-217	2.1	60
151	Conserving and Enhancing Maize Genetic Resources as Global Public Goods: A Perspective from CIMMYT. <i>Crop Science</i> , 2010 , 50, 13-28	2.4	55
150	Effect of ploidy on stomatal and other quantitative traits in plantain and banana hybrids. <i>Euphytica</i> , 1995 , 83, 117-122	2.1	50
149	Selecting a <i>Solanum tuberosum</i> subsp. <i>andigena</i> core collection using morphological, geographical, disease and pest descriptors. <i>American Journal of Potato Research</i> , 2000 , 77, 183-190	2.1	49
148	Food, Nutrition and Agrobiodiversity Under Global Climate Change. <i>Advances in Agronomy</i> , 2013 , 120, 1-128	7.7	48
147	Plant prebiotics and human health: Biotechnology to breed prebiotic-rich nutritious food crops. <i>Electronic Journal of Biotechnology</i> , 2014 , 17, 238-245	3.1	46
146	Assessing and Exploiting Functional Diversity in Germplasm Pools to Enhance Abiotic Stress Adaptation and Yield in Cereals and Food Legumes. <i>Frontiers in Plant Science</i> , 2017 , 8, 1461	6.2	46
145	New quantitative trait loci for enhancing adaptation to salinity in rice from Hasawi, a Saudi landrace into three African cultivars at the reproductive stage. <i>Euphytica</i> , 2014 , 200, 45-60	2.1	43
144	Isozyme Analysis of Entire and Core Collections of <i>Solanum tuberosum</i> subsp. <i>andigena</i> Potato Cultivars. <i>Crop Science</i> , 2000 , 40, 273-276	2.4	43
143	Ploidy manipulation of the gametophyte, endosperm and sporophyte in nature and for crop improvement: a tribute to Professor Stanley J. Peloquin (1921-2008). <i>Annals of Botany</i> , 2009 , 104, 795-807	4.1	42
142	Phenotypic Diversity and Patterns of Variation in West and Central African Plantains (<i>Musa</i> Spp., AAB group Musaceae). <i>Economic Botany</i> , 1995 , 49, 320-327	1.7	42

141	Durum Wheat (<i>Triticum durum</i> Desf.): Origin, Cultivation and Potential Expansion in Sub-Saharan Africa. <i>Agronomy</i> , 2019 , 9, 263	3.6	41
140	Genotype × Environment interaction and selection for drought adaptation in sweetpotato (<i>Ipomoea batatas</i> [L.] Lam.) in Mozambique. <i>Euphytica</i> , 2016 , 209, 261-280	2.1	41
139	Plot Techniques for Assessment of Bunch Weight in Banana Trials under Two Systems of Crop Management. <i>Agronomy Journal</i> , 1995 , 87, 63-69	2.2	41
138	Musa genetic diversity revealed by SRAP and AFLP. <i>Molecular Biotechnology</i> , 2011 , 47, 189-99	3	39
137	Factors Influencing Seed Set in Triploid Musa spp. L. and Production of Euploid Hybrids. <i>Annals of Botany</i> , 1995 , 75, 151-155	4.1	38
136	Banana weevil resistance and corm hardness in Musa germplasm. <i>Euphytica</i> , 1995 , 86, 95-102	2.1	37
135	A restorer gene for genetic-cytoplasmic male sterility in cultivated potatoes. <i>American Potato Journal</i> , 1991 , 68, 19-28		36
134	Morphological variation in Musa germplasm. <i>Genetic Resources and Crop Evolution</i> , 1997 , 44, 393-404	2	35
133	Genetics of Apical Dominance in Plantain (Musa spp., AAB Group) and Improvement of Suckering Behavior. <i>Journal of the American Society for Horticultural Science</i> , 1994 , 119, 1050-1053	2.3	32
132	Alisha, Anamaria, Bie, Bita, Caelan, Ivone, Lawrence, Margarete and Victoria Sweetpotato. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016 , 51, 597-600	2.4	31
131	Overview and Breeding Strategies of Table Potato Production in Sweden and the Fennoscandian Region. <i>Potato Research</i> , 2016 , 59, 279-294	3.2	30
130	Genetic gains in Nordic spring barley breeding over sixty years. <i>Euphytica</i> , 2002 , 126, 283-289	2.1	29
129	Effect of the parthenocarp gene P1 and ploidy on fruit and bunch traits of plantain-banana hybrids. <i>Heredity</i> , 1995 , 75, 460-465	3.6	28
128	Registration of 14 Improved Tropical Musa Plantain Hybrids with Black Sigatoka Resistance. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1993 , 28, 957-959	2.4	28
127	Crossbreeding East African Highland Bananas: Lessons Learnt Relevant to the Botany of the Crop After 21 Years of Genetic Enhancement. <i>Frontiers in Plant Science</i> , 2019 , 10, 81	6.2	27
126	Concurrent Drought and Temperature Stress in Rice-A Possible Result of the Predicted Climate Change: Effects on Yield Attributes, Eating Characteristics, and Health Promoting Compounds. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	27
125	Microsatellite-Aided Screening for Fertility Restoration Genes (Rf) Facilitates Hybrid Improvement. <i>Rice Science</i> , 2016 , 23, 160-164	3.8	27
124	Secondary polyploids, heterosis, and evolutionary crop breeding for further improvement of the plantain and banana (<i>Musa</i> spp. L) genome. <i>Theoretical and Applied Genetics</i> , 1997 , 94, 1113-1120	6	27

123	Cowpeas from Nigeria: A Silent Food Revolution. <i>Outlook on Agriculture</i> , 1998 , 27, 125-128	2.9	27
122	Numerical classification of related Peruvian highland maize races using internal ear traits. <i>Genetic Resources and Crop Evolution</i> , 2008 , 55, 1055-1064	2	26
121	Diploid potato germplasm derived from wild and land race genetic resources. <i>American Potato Journal</i> , 1994 , 71, 599-604		26
120	Genetic analysis by use of potato haploid populations. <i>Genome</i> , 1992 , 35, 103-108	2.4	26
119	Marker-aided breeding for resistance to bean common mosaic virus in Kyrgyz bean cultivars. <i>Euphytica</i> , 2013 , 193, 67-78	2.1	24
118	Minimum resources for phenotyping morphological traits of maize (<i>Zea mays</i> L.) genetic resources. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2008 , 6, 195-200	1	23
117	Field Performance of Conventional vs. in Vitro Propagules of Plantain (<i>Musa</i> spp., AAB Group). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1996 , 31, 862-865	2.4	23
116	Fruit quality evaluation of plantains, plantain hybrids, and cooking bananas. <i>Postharvest Biology and Technology</i> , 1999 , 15, 73-81	6.2	22
115	Male sterility and 2n pollen in 4x progenies derived from 4x \times and 4x \times crosses in potatoes. <i>Potato Research</i> , 1993 , 36, 227-236	3.2	22
114	Detection of duplicates among repatriated Nordic spring barley (<i>Hordeum vulgare</i> L. s.l.) accessions using agronomic and morphological descriptors and microsatellite markers. <i>Genetic Resources and Crop Evolution</i> , 2013 , 60, 1-11	2	21
113	Exploiting Phenylpropanoid Derivatives to Enhance the Nutraceutical Values of Cereals and Legumes. <i>Frontiers in Plant Science</i> , 2016 , 7, 763	6.2	20
112	Oil crops for the future. <i>Current Opinion in Plant Biology</i> , 2020 , 56, 181-189	9.9	19
111	Inheritance of early blight resistance in diploid potatoes. <i>Euphytica</i> , 1993 , 71, 15-19	2.1	19
110	A transnational and holistic breeding approach is needed for sustainable wheat production in the Baltic Sea region. <i>Physiologia Plantarum</i> , 2018 , 164, 442-451	4.6	18
109	Transfer of resistance to potato cyst nematode (<i>Globodera pallida</i>) into cultivated potato <i>Solanum tuberosum</i> through first division restitution 2n pollen. <i>Euphytica</i> , 1997 , 96, 339-344	2.1	18
108	Leveraging Agricultural Biodiversity for Crop Improvement and Food Security 2017 , 285-297		18
107	Cross the Best with the Best, and Select the Best: HELP in Breeding Selfing Crops. <i>Crop Science</i> , 2018 , 58, 17-30	2.4	18
106	Multivariate pattern of quantitative trait variation in triploid banana and plantain cultivars. <i>Scientia Horticulturae</i> , 1997 , 71, 197-202	4.1	17

105	The Genetic Basis of the Green Revolution in Wheat Production 2007 , 39-58		17
104	Adaptation to day length and yield stability of families from 4x4x crosses in potato. <i>Euphytica</i> , 1991 , 56, 187-195	2.1	17
103	Pursuing the Potential of Heirloom Cultivars to Improve Adaptation, Nutritional, and Culinary Features of Food Crops. <i>Agronomy</i> , 2019 , 9, 441	3.6	16
102	Measuring the impact of plant breeding on sub-Saharan African staple crops. <i>Outlook on Agriculture</i> , 2018 , 47, 163-180	2.9	16
101	Nutrient-Dense Orange-Fleshed Sweetpotato: Advances in Drought-Tolerance Breeding and Understanding of Management Practices for Sustainable Next-Generation Cropping Systems in Sub-Saharan Africa. <i>Frontiers in Sustainable Food Systems</i> , 2020 , 4,	4.8	14
100	Assessing Morphological and Genetic Variation in Annatto (<i>Bixa orellana</i> L.) by Sequence-related Amplified Polymorphism and Cluster Analysis. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2008 , 43, 2013-2017	2.4	14
99	Challenges to international wheat breeding. <i>Euphytica</i> , 2007 , 157, 281-285	2.1	14
98	Response of East African highland bananas and hybrids to <i>Radopholus similis</i> . <i>Nematology</i> , 2005 , 7, 655-666		14
97	Plantain-derived Diploid Hybrids (TMP2x) with Black Sigatoka Resistance. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1995 , 30, 147-149	2.4	14
96	Gender and Trait Preferences for Banana Cultivation and Use in Sub-Saharan Africa: A Literature Review1. <i>Economic Botany</i> , 2020 , 74, 226-241	1.7	13
95	Using Biotechnology-Led Approaches to Uplift Cereal and Food Legume Yields in Dryland Environments. <i>Frontiers in Plant Science</i> , 2018 , 9, 1249	6.2	13
94	Genetic diversity analysis in <i>Phaseolus vulgaris</i> L. using morphological traits. <i>Genetic Resources and Crop Evolution</i> , 2014 , 61, 555-566	2	13
93	Improving carotenoids and amino-acids in cassava. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2009 , 1, 32-8	1.9	12
92	Effect of Sporophytic Heterozygosity on the Male Gametophyte of the Tetraploid Potato (<i>Solanum tuberosum</i> L.). <i>Annals of Botany</i> , 1994 , 73, 61-64	4.1	12
91	'PITA-9': A Black-sigatoka-resistant Hybrid from the 'False Horn' Plantain Gene Pool. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1995 , 30, 395-397	2.4	12
90	Crop wild relatives in durum wheat breeding: Drift or thrift?. <i>Crop Science</i> , 2021 , 61, 37-54	2.4	12
89	Quantitative variation and phenotypic correlations in banana and plantain. <i>Scientia Horticulturae</i> , 1998 , 72, 239-253	4.1	11
88	IITA High Rainfall Station: Twenty Years of Research for Sustainable Agriculture in the West African Humid Forest. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1997 , 32, 969-972 [†]	2.4	11

87	The Importance of Crop Wild Relatives, Diversity, and Genetic Potential for Adaptation to Abiotic Stress-Prone Environments80-87		11
86	Genetic diversity in sorghum [<i>Sorghum bicolor</i> (L.) Moench] germplasm from Southern Africa as revealed by microsatellite markers and agro-morphological traits. <i>Genetic Resources and Crop Evolution</i> , 2017 , 64, 599-610	2	10
85	Association genetics of bunch weight and its component traits in East African highland banana (<i>Musa</i> spp. AAA group). <i>Theoretical and Applied Genetics</i> , 2019 , 132, 3295-3308	6	10
84	Promising High-Yielding Tetraploid Plantain-Bred Hybrids in West Africa. <i>International Journal of Agronomy</i> , 2019 , 2019, 1-8	1.9	10
83	Influence of black Sigatoka disease on the growth and yield of diploid and tetraploid hybrid plantains. <i>Crop Protection</i> , 1998 , 17, 13-18	2.7	10
82	Research and field monitoring on transgenic crops by the Centro Internacional de Mejoramiento de Maíz y Trigo (CIMMYT). <i>Euphytica</i> , 2008 , 164, 893-902	2.1	10
81	Potato Breeding via Ploidy Manipulations15-86		10
80	Genoproteomics-assisted improvement of <i>Andrographis paniculata</i> : toward a promising molecular and conventional breeding platform for autogamous plants affecting the pharmaceutical industry. <i>Critical Reviews in Biotechnology</i> , 2017 , 37, 803-816	9.4	9
79	QTL Mapping for Resistance to Early Blight in a Tetraploid Potato Population. <i>Agronomy</i> , 2020 , 10, 728	3.6	9
78	The importance of <i>Guizotia abyssinica</i> (niger) for sustainable food security in Ethiopia. <i>Genetic Resources and Crop Evolution</i> , 2013 , 60, 1763-1770	2	9
77	Heat Tolerance of Durum Wheat (<i>Triticum durum</i> Desf.) Elite Germplasm Tested along the Senegal River. <i>Journal of Agricultural Science</i> , 2018 , 10, 217	1	9
76	Durum Wheat Breeding: In the Heat of the Senegal River. <i>Agriculture (Switzerland)</i> , 2018 , 8, 99	3	8
75	Assessment of Rice Inbred Lines and Hybrids under Low Fertilizer Levels in Senegal. <i>Sustainability</i> , 2014 , 6, 1153-1162	3.6	8
74	Ploidy Manipulations and Genetic Markers as Tools for Analysis of Quantitative Trait Variation in Progeny Derived from Triploid Plantains. <i>Hereditas</i> , 2004 , 126, 255-259	2.4	8
73	Cultivar diversity in Nordic spring barley breeding (1930-1991). <i>Euphytica</i> , 2002 , 123, 111-119	2.1	8
72	Dedication: Norman E. Borlaug The Humanitarian Plant Scientist Who Changed the World1-37		8
71	Repeatability and optimum trial configuration for field-testing of banana and plantain. <i>Scientia Horticulturae</i> , 2012 , 140, 39-44	4.1	7
70	Segregation of bunch orientation in plantain and banana hybrids. <i>Euphytica</i> , 1998 , 101, 79-82	2.1	7

69	New Transcriptome-Based SNP Markers for Noug () and Their Conversion to KASP Markers for Population Genetics Analyses. <i>Genes</i> , 2020 , 11,	4.2	7
68	High-Density Genetic Linkage Mapping of Based on Genotyping-by-Sequencing SNPs and Segregating Contig Tag Haplotypes. <i>Frontiers in Plant Science</i> , 2020 , 11, 448	6.2	6
67	Nutritional variation in sorghum [<i>Sorghum bicolor</i> (L.) Moench] accessions from southern Africa revealed by protein and mineral composition. <i>Journal of Cereal Science</i> , 2018 , 83, 123-129	3.8	6
66	Enhancing Abiotic Stress Tolerance in Cereals Through Breeding and Transgenic Interventions 2010 , 31-114		6
65	A Bioinformatics Pipeline to Identify a Subset of SNPs for Genomics-Assisted Potato Breeding. <i>Plants</i> , 2020 , 10,	4.5	6
64	Genetics and Cytogenetics of the Potato 2020 , 219-247		6
63	Effect of intermittent drought on grain yield and quality of rice (<i>Oryza sativa</i> L.) grown in Rwanda. <i>Journal of Agronomy and Crop Science</i> , 2020 , 206, 252-262	3.9	6
62	Focused Identification of Germplasm Strategy (FIGS): polishing a rough diamond. <i>Current Opinion in Insect Science</i> , 2021 , 45, 1-6	5.1	6
61	Spray-induced gene silencing: an innovative strategy for plant trait improvement and disease control. <i>Crop Breeding and Applied Biotechnology</i> , 2021 , 21,	1.1	6
60	Identification of genes regulating traits targeted for domestication of field cress (<i>Lepidium campestre</i>) as a biennial and perennial oilseed crop. <i>BMC Genetics</i> , 2018 , 19, 36	2.6	5
59	Avocado Production and Local Trade in the Southern Highlands of Tanzania: A Case of an Emerging Trade Commodity from Horticulture. <i>Agronomy</i> , 2019 , 9, 749	3.6	5
58	Plant Growth-Promoting Activity of FG106 and Its Ability to Act as a Biocontrol Agent against Potato, Tomato and Taro Pathogens.. <i>Biology</i> , 2022 , 11,	4.9	5
57	Genetics of Important Traits in Musa 2011 , 71-83		5
56	Genetic diversity of avocado from the southern highlands of Tanzania as revealed by microsatellite markers. <i>Hereditas</i> , 2020 , 157, 40	2.4	5
55	Estimating genetic effects in maternal and paternal half-sibs from tetraploid-diploid crosses in Musa spp.. <i>Euphytica</i> , 2012 , 185, 295-301	2.1	4
54	Significant progressive heterobeltiosis in banana crossbreeding. <i>BMC Plant Biology</i> , 2020 , 20, 489	5.3	4
53	Field cress genome mapping: Integrating linkage and comparative maps with cytogenetic analysis for rDNA carrying chromosomes. <i>Scientific Reports</i> , 2019 , 9, 17028	4.9	4
52	Quality and Grain Yield Attributes of Rwandan Rice (<i>Oryza sativa</i> L.) Cultivars Grown in a Biotron Applying Two NPK Levels. <i>Journal of Food Quality</i> , 2018 , 2018, 1-12	2.7	4

51	Advanced analytics, phenomics and biotechnology approaches to enhance genetic gains in plant breeding. <i>Advances in Agronomy</i> , 2020 , 162, 89-142	7.7	3
50	Using Genomics to Exploit Grain Legume Biodiversity in Crop Improvement 2010 , 171-357		3
49	The exploitation of sunflower (<i>Helianthus annuus</i> L.) seed and other parts for human nutrition, medicine and the industry. <i>Helia</i> , 2020 , 43, 167-184	0.4	3
48	Marker-Aided Breeding Revolutionizes Twenty-First Century Crop Improvement 2012 , 435-452		3
47	Genomic-based root plasticity to enhance abiotic stress adaptation and edible yield in grain crops. <i>Plant Science</i> , 2020 , 295, 110365	5.3	3
46	Nutritional Profile of the Ethiopian Oilseed Crop Noug (Cass.): Opportunities for Its Improvement as a Source for Human Nutrition. <i>Foods</i> , 2021 , 10,	4.9	3
45	RNA Interference and CRISPR/Cas Gene Editing for Crop Improvement: Paradigm Shift towards Sustainable Agriculture. <i>Plants</i> , 2021 , 10,	4.5	3
44	Late blight and virus host-plant resistances, crossing ability and glycoalkaloids in Nordic potato germplasm** Supplemental data for this article can be accessed doi:10.1080/09064710.2017.1324042View all notes. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2017 , 67, 628-636	1.1	2
43	Characterization of Tanzanian Avocado Using Morphological Traits. <i>Diversity</i> , 2020 , 12, 64	2.5	2
42	Suitability of existing morphological descriptors to characterize East African highland 'matooke' bananas. <i>Genetic Resources and Crop Evolution</i> , 2018 , 65, 645-657	2	2
41	Screening Musa germplasm for resistance to burrowing nematode populations from Uganda. <i>Genetic Resources and Crop Evolution</i> , 2013 , 60, 367-375	2	2
40	Genomic Selection: State of the Art 2017 , 19-54		2
39	Putting Plant Genetic Diversity and Variability at Work for Breeding: Hybrid Rice Suitability in West Africa. <i>Diversity</i> , 2017 , 9, 27	2.5	2
38	Farmers'rice knowledge and adoption of new cultivars in the Tillabery region of western Niger. <i>Agriculture and Food Security</i> , 2015 , 4,	3.1	2
37	Additive relationships and parent-offspring regression in Musa germplasm with intergeneration genome size polymorphism. <i>Scientia Horticulturae</i> , 2012 , 136, 69-74	4.1	2
36	Transgenic Vegetable Crops: Progress, Potentials, and Prospects 2011 , 151-246		2
35	Plantain Improvement 2010 , 267-320		2
34	Molecular Mapping of Complex Traits 2012 , 116-123		2

33	Insights Into the Genetic Diversity of Nordic Red Clover () Revealed by SeqSNP-Based Genic Markers. <i>Frontiers in Plant Science</i> , 2021 , 12, 748750	6.2	2
32	New Strategies and Approaches for Improving Vegetable Cultivars 2021 , 349-381		2
31	Understanding the Sorghum- Interactions for Enhanced Host Resistance. <i>Frontiers in Plant Science</i> , 2021 , 12, 641969	6.2	2
30	Molecular and Genomic Tools Provide Insights on Crop Domestication and Evolution. <i>Advances in Agronomy</i> , 2016 , 135, 181-223	7.7	2
29	First the seed: Genomic advances in seed science for improved crop productivity and food security. <i>Crop Science</i> , 2021 , 61, 1501-1526	2.4	2
28	Comparison of Morphological and Genetic Characteristics of Avocados Grown in Tanzania. <i>Genes</i> , 2021 , 12,	4.2	2
27	Role of Plant Breeding to Sustain Food Security under Climate Change 2018 , 145-158		2
26	Novel Expressed Sequence Tag-Derived and Other Genomic Simple Sequence Repeat Markers Revealed Genetic Diversity in Ethiopian Finger Millet Landrace Populations and Cultivars. <i>Frontiers in Plant Science</i> , 2021 , 12, 735610	6.2	2
25	Anthocyanin-Rich Vegetables for Human Consumption-Focus on Potato, Sweetpotato and Tomato.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
24	GBe Turesson's research legacy to Hereditas: from the ecotype concept in plants to the analysis of landraces' diversity in crops. <i>Hereditas</i> , 2020 , 157, 44	2.4	1
23	Variability in reproductive fitness and virulence of four <i>Radopholus similis</i> nematode populations associated with plantains and banana (<i>Musa</i> spp.) in Uganda. <i>International Journal of Pest Management</i> , 2013 , 59, 20-24	1.5	1
22	Breeding Vegetatively Propagated Crops 2008 , 251-268		1
21	Heritable Variation, Genetic and Phenotypic Correlations for Tuber Traits and Host Plant Resistance to Late Blight for Potato Breeding in Scandinavian Testing Sites. <i>Agriculture (Switzerland)</i> , 2021 , 11, 1287 ³		1
20	Mineral composition and nutritive value of <i>Festuca</i> ecotypes originated from the highland region of Bolivia and cultivars from Argentina. <i>Australian Journal of Crop Science</i> , 2019 , 1650-1658	0.5	1
19	The power of genomic estimated breeding values for selection when using a finite population size in genetic improvement of tetraploid potato. <i>G3: Genes, Genomes, Genetics</i> , 2021 ,	3.2	1
18	Drought Tolerance 2013 , 203-223		1
17	Dedication: Stanley J. Peloquin Potato Geneticist and Cytogeneticist1-19		1
16	Swimming in the Breeding Pool: Partnering for Conservation of Plant Genetic Resources through Crop Germplasm Enhancement. <i>Proceedings of the Latvian Academy of Sciences</i> , 2012 , 66, 143-147	0.3	1

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