Rodomiro Ortiz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

176 papers	5,734 citations	39 h-index	72 g-index
196 ext. papers	7,228 ext. citations	3.8 avg, IF	5.98 L-index

#	Paper	IF	Citations
176	Plant Growth-Promoting Activity of FG106 and Its Ability to Act as a Biocontrol Agent against Potato, Tomato and Taro Pathogens.. *Biology*, **2022**, 11,	4.9	5
175	Genome-Based Genotype Environment Prediction Enhances Potato (L.) Improvement Using Pseudo-Diploid and Polysomic Tetraploid Modeling.. *Frontiers in Plant Science*, **2022**, 13, 785196	6.2	0
174	Anthocyanin-Rich Vegetables for Human Consumption-Focus on Potato, Sweetpotato and Tomato.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
173	Novel GBS-Based SNP Markers for Finger Millet and Their Use in Genetic Diversity Analyses.. *Frontiers in Genetics*, **2022**, 13, 848627	4.5	0
172	Heritable Variation, Genetic and Phenotypic Correlations for Tuber Traits and Host Plant Resistance to Late Blight for Potato Breeding in Scandinavian Testing Sites. *Agriculture (Switzerland)*, **2021**, 11, 1287	3	1
171	The power of genomic estimated breeding values for selection when using a finite population size in genetic improvement of tetraploid potato. *G3: Genes, Genomes, Genetics*, **2021**,	3.2	1
170	Insights Into the Genetic Diversity of Nordic Red Clover () Revealed by SeqSNP-Based Genic Markers. *Frontiers in Plant Science*, **2021**, 12, 748750	6.2	2
169	New Strategies and Approaches for Improving Vegetable Cultivars **2021**, 349-381		2
168	Understanding the Sorghum- Interactions for Enhanced Host Resistance. *Frontiers in Plant Science*, **2021**, 12, 641969	6.2	2
167	Characterization of Oilseed Crop Noug (Guizotia abyssinica) Using Agro-Morphological Traits. *Agronomy*, **2021**, 11, 1479	3.6	1
166	Crop wild relatives in durum wheat breeding: Drift or thrift?. *Crop Science*, **2021**, 61, 37-54	2.4	12
165	First the seed: Genomic advances in seed science for improved crop productivity and food security. *Crop Science*, **2021**, 61, 1501-1526	2.4	2
164	Focused Identification of Germplasm Strategy (FIGS): polishing a rough diamond. *Current Opinion in Insect Science*, **2021**, 45, 1-6	5.1	6
163	Spray-induced gene silencing: an innovative strategy for plant trait improvement and disease control. *Crop Breeding and Applied Biotechnology*, **2021**, 21,	1.1	6
162	Comparison of Morphological and Genetic Characteristics of Avocados Grown in Tanzania. *Genes*, **2021**, 12,	4.2	2
161	Induced Polyploidy: A Tool for Forage Species Improvement. *Agriculture (Switzerland)*, **2021**, 11, 210	3	1
160	Nutritional Profile of the Ethiopian Oilseed Crop Noug (Cass.): Opportunities for Its Improvement as a Source for Human Nutrition. *Foods*, **2021**, 10,	4.9	3

159	Mitigating tradeoffs in plant breeding. *IScience*, **2021**, 24, 102965	6.1	1
158	Traits that define yield and genetic gain in East African highland banana breeding. *Euphytica*, **2021**, 217, 1	2.1	0
157	Novel Expressed Sequence Tag-Derived and Other Genomic Simple Sequence Repeat Markers Revealed Genetic Diversity in Ethiopian Finger Millet Landrace Populations and Cultivars. *Frontiers in Plant Science*, **2021**, 12, 735610	6.2	2
156	RNA Interference and CRISPR/Cas Gene Editing for Crop Improvement: Paradigm Shift towards Sustainable Agriculture. *Plants*, **2021**, 10,	4.5	3
155	G□e Turesson's research legacy to Hereditas: from the ecotype concept in plants to the analysis of landraces' diversity in crops. *Hereditas*, **2020**, 157, 44	2.4	1
154	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. *Frontiers in Sustainable Food Systems*, **2020**, 4,	4.8	14
153	Advanced analytics, phenomics and biotechnology approaches to enhance genetic gains in plant breeding. *Advances in Agronomy*, **2020**, 162, 89-142	7.7	3
152	QTL Mapping for Resistance to Early Blight in a Tetraploid Potato Population. *Agronomy*, **2020**, 10, 728	3.6	9
151	Characterization of Tanzanian Avocado Using Morphological Traits. *Diversity*, **2020**, 12, 64	2.5	2
150	Gender and Trait Preferences for Banana Cultivation and Use in Sub-Saharan Africa: A Literature Review1. *Economic Botany*, **2020**, 74, 226-241	1.7	13
149	Molecular mapping and identification of quantitative trait loci for domestication traits in the field cress (Lepidium campestre L.) genome. *Heredity*, **2020**, 124, 579-591	3.6	0
148	Oil crops for the future. *Current Opinion in Plant Biology*, **2020**, 56, 181-189	9.9	19
147	High-Density Genetic Linkage Mapping of Based on Genotyping-by-Sequencing SNPs and Segregating Contig Tag Haplotypes. *Frontiers in Plant Science*, **2020**, 11, 448	6.2	6
146	The exploitation of sunflower (Helianthus annuus L.) seed and other parts for human nutrition, medicine and the industry. *Helia*, **2020**, 43, 167-184	0.4	3
145	A Bioinformatics Pipeline to Identify a Subset of SNPs for Genomics-Assisted Potato Breeding. *Plants*, **2020**, 10,	4.5	6
144	Genomic-based root plasticity to enhance abiotic stress adaptation and edible yield in grain crops. *Plant Science*, **2020**, 295, 110365	5.3	3
143	Genetics and Cytogenetics of the Potato **2020**, 219-247		6
142	Effect of intermittent drought on grain yield and quality of rice (Oryza sativa L.) grown in Rwanda. *Journal of Agronomy and Crop Science*, **2020**, 206, 252-262	3.9	6

141	New Transcriptome-Based SNP Markers for Noug () and Their Conversion to KASP Markers for Population Genetics Analyses. *Genes*, **2020**, 11,	4.2	7
140	QTL Mapping for Domestication-Related Characteristics in Field Cress ()-A Novel Oil Crop for the Subarctic Region. *Genes*, **2020**, 11,	4.2	1
139	Significant progressive heterobeltiosis in banana crossbreeding. *BMC Plant Biology*, **2020**, 20, 489	5.3	4
138	Genetic diversity of avocado from the southern highlands of Tanzania as revealed by microsatellite markers. *Hereditas*, **2020**, 157, 40	2.4	5
137	Association genetics of bunch weight and its component traits in East African highland banana (Musa spp. AAA group). *Theoretical and Applied Genetics*, **2019**, 132, 3295-3308	6	10
136	Crossbreeding East African Highland Bananas: Lessons Learnt Relevant to the Botany of the Crop After 21 Years of Genetic Enhancement. *Frontiers in Plant Science*, **2019**, 10, 81	6.2	27
135	High-Throughput Field-Phenotyping Tools for Plant Breeding and Precision Agriculture. *Agronomy*, **2019**, 9, 258	3.6	73
134	Durum Wheat (Triticum durum Desf.): Origin, Cultivation and Potential Expansion in Sub-Saharan Africa. *Agronomy*, **2019**, 9, 263	3.6	41
133	Promising High-Yielding Tetraploid Plantain-Bred Hybrids in West Africa. *International Journal of Agronomy*, **2019**, 2019, 1-8	1.9	10
132	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. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	27
131	Change in Production Practices: The Role of Agri-Food and Diversified Cropping Systems **2019**, 36-43		0
130	Pursuing the Potential of Heirloom Cultivars to Improve Adaptation, Nutritional, and Culinary Features of Food Crops. *Agronomy*, **2019**, 9, 441	3.6	16
129	Avocado Production and Local Trade in the Southern Highlands of Tanzania: A Case of an Emerging Trade Commodity from Horticulture. *Agronomy*, **2019**, 9, 749	3.6	5
128	Mineral composition and nutritive value of Festuca ecotypes originated from the highland region of Bolivia and cultivars from Argentina. *Australian Journal of Crop Science*, **2019**, 1650-1658	0.5	1
127	Heterobeltiosis in Banana and Genetic Gains through Crossbreeding. *Proceedings (mdpi)*, **2019**, 36, 193	0.3	
126	Field cress genome mapping: Integrating linkage and comparative maps with cytogenetic analysis for rDNA carrying chromosomes. *Scientific Reports*, **2019**, 9, 17028	4.9	4
125	Suitability of existing morphological descriptors to characterize East African highland 'matooke' bananas. *Genetic Resources and Crop Evolution*, **2018**, 65, 645-657	2	2
124	A Life in Horticulture and Plant Breeding **2018**, 291-360		

123	A transnational and holistic breeding approach is needed for sustainable wheat production in the Baltic Sea region. *Physiologia Plantarum*, **2018**, 164, 442-451	4.6	18
122	Identification of genes regulating traits targeted for domestication of field cress (Lepidium campestre) as a biennial and perennial oilseed crop. *BMC Genetics*, **2018**, 19, 36	2.6	5
121	Genetic Basis and Breeding Perspectives of Grain Iron and Zinc Enrichment in Cereals. *Frontiers in Plant Science*, **2018**, 9, 937	6.2	72
120	Using Biotechnology-Led Approaches to Uplift Cereal and Food Legume Yields in Dryland Environments. *Frontiers in Plant Science*, **2018**, 9, 1249	6.2	13
119	Durum Wheat Breeding: In the Heat of the Senegal River. *Agriculture (Switzerland)*, **2018**, 8, 99	3	8
118	Nutritional variation in sorghum [Sorghum bicolor (L.) Moench] accessions from southern Africa revealed by protein and mineral composition. *Journal of Cereal Science*, **2018**, 83, 123-129	3.8	6
117	Role of Plant Breeding to Sustain Food Security under Climate Change **2018**, 145-158		2
116	Heat Tolerance of Durum Wheat (Tritcum durum Desf.) Elite Germplasm Tested along the Senegal River. *Journal of Agricultural Science*, **2018**, 10, 217	1	9
115	Measuring the impact of plant breeding on sub-Saharan African staple crops. *Outlook on Agriculture* , **2018**, 47, 163-180	2.9	16
114	Cross the Best with the Best, and Select the Best: HELP in Breeding Selfing Crops. *Crop Science*, **2018**, 58, 17-30	2.4	18
113	Quality and Grain Yield Attributes of Rwandan Rice (Oryza sativa L.) Cultivars Grown in a Biotron Applying Two NPK Levels. *Journal of Food Quality*, **2018**, 2018, 1-12	2.7	4
112	Genetic diversity in sorghum [Sorghum bicolor (L.) Moench] germplasm from Southern Africa as revealed by microsatellite markers and agro-morphological traits. *Genetic Resources and Crop Evolution*, **2017**, 64, 599-610	2	10
111	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. *Acta Agriculturae Scandinavica - Section B Soil and Plant Science*, **2017**, 67, 628-636	1.1	2
110	Genoproteomics-assisted improvement of Andrographis paniculata: toward a promising molecular and conventional breeding platform for autogamous plants affecting the pharmaceutical industry. *Critical Reviews in Biotechnology*, **2017**, 37, 803-816	9.4	9
109	Diversifying Food Systems in the Pursuit of Sustainable Food Production and Healthy Diets. *Trends in Plant Science*, **2017**, 22, 842-856	13.1	108
108	Genomic Selection: State of the Art **2017**, 19-54		2
107	Genetic Diversity within a Global Panel of Durum Wheat Landraces and Modern Germplasm Reveals the History of Alleles Exchange. *Frontiers in Plant Science*, **2017**, 8, 1277	6.2	96
106	Assessing and Exploiting Functional Diversity in Germplasm Pools to Enhance Abiotic Stress Adaptation and Yield in Cereals and Food Legumes. *Frontiers in Plant Science*, **2017**, 8, 1461	6.2	46

105	Putting Plant Genetic Diversity and Variability at Work for Breeding: Hybrid Rice Suitability in West Africa. *Diversity*, **2017**, 9, 27	2.5	2
104	Agriculture production as a major driver of the Earth system exceeding planetary boundaries. *Ecology and Society*, **2017**, 22,	4.1	291
103	Leveraging Agricultural Biodiversity for Crop Improvement and Food Security **2017**, 285-297		18
102	Breeding schemes for the implementation of genomic selection in wheat (Triticum spp.). *Plant Science*, **2016**, 242, 23-36	5.3	203
101	Overview and Breeding Strategies of Table Potato Production in Sweden and the Fennoscandian Region. *Potato Research*, **2016**, 59, 279-294	3.2	30
100	Microsatellite-Aided Screening for Fertility Restoration Genes (Rf) Facilitates Hybrid Improvement. *Rice Science*, **2016**, 23, 160-164	3.8	27
99	Genotype environment interaction and selection for drought adaptation in sweetpotato (Ipomoea batatas [L.] Lam.) in Mozambique. *Euphytica*, **2016**, 209, 261-280	2.1	41
98	Landrace Germplasm for Improving Yield and Abiotic Stress Adaptation. *Trends in Plant Science*, **2016**, 21, 31-42	13.1	186
97	Alisha, Anamaria, Bie, Bita, Caelan, Ivone, Lawrence, Margarete, and Victoria. Sweetpotato. *Hortscience: A Publication of the American Society for Hortcultural Science*, **2016**, 51, 597-600	2.4	31
96	Microbiome, Prebiotics, and Human Health **2016**, 335-335		1
95	Molecular and Genomic Tools Provide Insights on Crop Domestication and Evolution. *Advances in Agronomy*, **2016**, 135, 181-223	7.7	2
94	Exploiting Phenylpropanoid Derivatives to Enhance the Nutraceutical Values of Cereals and Legumes. *Frontiers in Plant Science*, **2016**, 7, 763	6.2	20
93	Global agricultural intensification during climate change: a role for genomics. *Plant Biotechnology Journal*, **2016**, 14, 1095-8	11.6	138
92	Haploids: Constraints and opportunities in plant breeding. *Biotechnology Advances*, **2015**, 33, 812-29	17.8	141
91	Farmers rice knowledge and adoption of new cultivars in the Tillaby region of western Niger. *Agriculture and Food Security*, **2015**, 4,	3.1	2
90	Application of genomics-assisted breeding for generation of climate resilient crops: progress and prospects. *Frontiers in Plant Science*, **2015**, 6, 563	6.2	161
89	Genetic diversity analysis in Phaseolus vulgaris L. using morphological traits. *Genetic Resources and Crop Evolution*, **2014**, 61, 555-566	2	13
88	From crossbreeding to biotechnology-facilitated improvement of banana and plantain. *Biotechnology Advances*, **2014**, 32, 158-69	17.8	98

87	Genomic selection: genome-wide prediction in plant improvement. *Trends in Plant Science*, **2014**, 19, 592-601	13.1	366
86	Plant prebiotics and human health: Biotechnology to breed prebiotic-rich nutritious food crops. *Electronic Journal of Biotechnology*, **2014**, 17, 238-245	3.1	46
85	New quantitative trait loci for enhancing adaptation to salinity in rice from Hasawi, a Saudi landrace into three African cultivars at the reproductive stage. *Euphytica*, **2014**, 200, 45-60	2.1	43
84	Assessment of Rice Inbred Lines and Hybrids under Low Fertilizer Levels in Senegal. *Sustainability*, **2014**, 6, 1153-1162	3.6	8
83	The importance of Guizotia abyssinica (niger) for sustainable food security in Ethiopia. *Genetic Resources and Crop Evolution*, **2013**, 60, 1763-1770	2	9
82	Variability in reproductive fitness and virulence of four Radopholus similis nematode populations associated with plantains and banana (Musa spp.) in Uganda. *International Journal of Pest Management*, **2013**, 59, 20-24	1.5	1
81	Marker-aided breeding for resistance to bean common mosaic virus in Kyrgyz bean cultivars. *Euphytica*, **2013**, 193, 67-78	2.1	24
80	Detection of duplicates among repatriated Nordic spring barley (Hordeum vulgare L. s.l.) accessions using agronomic and morphological descriptors and microsatellite markers. *Genetic Resources and Crop Evolution*, **2013**, 60, 1-11	2	21
79	Screening Musa germplasm for resistance to burrowing nematode populations from Uganda. *Genetic Resources and Crop Evolution*, **2013**, 60, 367-375	2	2
78	Food, Nutrition and Agrobiodiversity Under Global Climate Change. *Advances in Agronomy*, **2013**, 120, 1-128	7.7	48
77	Timing of mounding for bambara groundnut affects crop development and yield in a rainfed tropical environment. *Acta Agriculturae Scandinavica - Section B Soil and Plant Science*, **2013**, 63, 370-375	1.1	0
76	Drought Tolerance **2013**, 203-223		1
75	Additive relationships and parent□offspring regression in Musa germplasm with intergeneration genome size polymorphism. *Scientia Horticulturae*, **2012**, 136, 69-74	4.1	2
74	Repeatability and optimum trial configuration for field-testing of banana and plantain. *Scientia Horticulturae*, **2012**, 140, 39-44	4.1	7
73	Estimating genetic effects in maternal and paternal half-sibs from tetraploid-diploid crosses in Musa spp.. *Euphytica*, **2012**, 185, 295-301	2.1	4
72	Molecular Mapping of Complex Traits **2012**, 116-123		2
71	Marker-Aided Breeding Revolutionizes Twenty-First Century Crop Improvement **2012**, 435-452		3
70	Map-Based Cloning in Musa spp. **2012**, 124-155		

69	Swimming in the Breeding Pool: Partnering for Conservation of Plant Genetic Resources through Crop Germplasm Enhancement. *Proceedings of the Latvian Academy of Sciences*, **2012**, 66, 143-147	0.3	1
68	Transgenic Vegetable Crops: Progress, Potentials, and Prospects **2011**, 151-246		2
67	Musa genetic diversity revealed by SRAP and AFLP. *Molecular Biotechnology*, **2011**, 47, 189-99	3	39
66	Genetics of Important Traits in Musa **2011**, 71-83		5
65	The Future of Food: Scenarios for 2050. *Crop Science*, **2010**, 50, S-33-S-50	2.4	102
64	Conserving and Enhancing Maize Genetic Resources as Global Public Goods□A Perspective from CIMMYT. *Crop Science*, **2010**, 50, 13-28	2.4	55
63	Using Genomics to Exploit Grain Legume Biodiversity in Crop Improvement **2010**, 171-357		3
62	Plantain Improvement **2010**, 267-320		2
61	Enhancing Abiotic Stress Tolerance in Cereals Through Breeding and Transgenic Interventions **2010** , 31-114		6
60	Improving carotenoids and amino-acids in cassava. *Recent Patents on Food, Nutrition & Agriculture*, **2009**, 1, 32-8	1.9	12
59	Ploidy manipulation of the gametophyte, endosperm and sporophyte in nature and for crop improvement: a tribute to Professor Stanley J. Peloquin (1921-2008). *Annals of Botany*, **2009**, 104, 795-807	4.1	42
58	Enhancing Crop Gene Pools with Beneficial Traits Using Wild Relatives **2008**, 179-230		82
57	Minimum resources for phenotyping morphological traits of maize (Zea mays L.) genetic resources. *Plant Genetic Resources: Characterisation and Utilisation*, **2008**, 6, 195-200	1	23
56	Breeding Vegetatively Propagated Crops **2008**, 251-268		1
55	Assessing Morphological and Genetic Variation in Annatto (Bixa orellana L.) by Sequence-related Amplified Polymorphism and Cluster Analysis. *Hortscience: A Publication of the American Society for Hortcultural Science*, **2008**, 43, 2013-2017	2.4	14
54	Research and field monitoring on transgenic crops by the Centro Internacional de Mejoramiento de Maíz y Trigo (CIMMYT). *Euphytica*, **2008**, 164, 893-902	2.1	10
53	Numerical classification of related Peruvian highland maize races using internal ear traits. *Genetic Resources and Crop Evolution*, **2008**, 55, 1055-1064	2	26
52	Wheat genetic resources enhancement by the International Maize and Wheat Improvement Center (CIMMYT). *Genetic Resources and Crop Evolution*, **2008**, 55, 1095-1140	2	121

51	Climate change: Can wheat beat the heat?. *Agriculture, Ecosystems and Environment*, **2008**, 126, 46-58	5.7	416
50	The Molecularization of Public Sector Crop Breeding: Progress, Problems, and Prospects. *Advances in Agronomy*, **2007**, 163-318	7.7	101
49	The Genetic Basis of the Green Revolution in Wheat Production **2007**, 39-58		17
48	High yield potential, shuttle breeding, genetic diversity, and a new international wheat improvement strategy. *Euphytica*, **2007**, 157, 365-384	2.1	102
47	Challenges to international wheat breeding. *Euphytica*, **2007**, 157, 281-285	2.1	14
46	Association analysis of historical bread wheat germplasm using additive genetic covariance of relatives and population structure. *Genetics*, **2007**, 177, 1889-913	4	345
45	Breeding crops for reduced-tillage management in the intensive, rice□wheat systems of South Asia. *Euphytica*, **2006**, 153, 135-151	2.1	77
44	Response of East African highland bananas and hybrids to Radopholus similis. *Nematology*, **2005**, 7, 655-666	69	14
43	Ploidy Manipulations and Genetic Markers as Tools for Analysis of Quantitative Trait Variation in Progeny Derived from Triploid Plantains. *Hereditas*, **2004**, 126, 255-259	2.4	8
42	Development of a groundnut core collection using taxonomical, geographical and morphological descriptors. *Genetic Resources and Crop Evolution*, **2003**, 50, 139-148	2	103
41	Cultivar diversity in Nordic spring barley breeding (1930□1991). *Euphytica*, **2002**, 123, 111-119	2.1	8
40	Genetic gains in Nordic spring barley breeding over sixty years. *Euphytica*, **2002**, 126, 283-289	2.1	29
39	Developing a Mini Core of Peanut for Utilization of Genetic Resources. *Crop Science*, **2002**, 42, 2150-2156	2.4	89
38	Selecting aSolanum tuberosum subsp.andigena core collection using morphological, geographical, disease and pest descriptors. *American Journal of Potato Research*, **2000**, 77, 183-190	2.1	49
37	Isozyme Analysis of Entire and Core Collections of Solanum tuberosum subsp. andigena Potato Cultivars. *Crop Science*, **2000**, 40, 273-276	2.4	43
36	Fruit quality evaluation of plantains, plantain hybrids, and cooking bananas. *Postharvest Biology and Technology*, **1999**, 15, 73-81	6.2	22
35	Segregation of bunch orientation in plantain and banana hybrids. *Euphytica*, **1998**, 101, 79-82	2.1	7
34	Influence of black Sigatoka disease on the growth and yield of diploid and tetraploid hybrid plantains. *Crop Protection*, **1998**, 17, 13-18	2.7	10

33	Quantitative variation and phenotypic correlations in banana and plantain. *Scientia Horticulturae*, **1998**, 72, 239-253	4.1	11
32	Cowpeas from Nigeria: A Silent Food Revolution. *Outlook on Agriculture*, **1998**, 27, 125-128	2.9	27
31	Segregation at Microsatellite Loci in Haploid and Diploid Gametes of Musa. *Crop Science*, **1998**, 38, 211-217	2.4	60
30	Multivariate pattern of quantitative trait variation in triploid banana and plantain cultivars. *Scientia Horticulturae*, **1997**, 71, 197-202	4.1	17
29	Morphological variation in Musa germplasm. *Genetic Resources and Crop Evolution*, **1997**, 44, 393-404	2	35
28	Transfer of resistance to potato cyst nematode (globodera pallida) into cultivated potato Solanum tuberosum through first division restitution 2n pollen. *Euphytica*, **1997**, 96, 339-344	2.1	18
27	Secondary polyploids, heterosis, and evolutionary crop breeding for further improvement of the plantain and banana (Musa spp. L) genome. *Theoretical and Applied Genetics*, **1997**, 94, 1113-1120	6	27
26	IITA High Rainfall Station: Twenty Years of Research for Sustainable Agriculture in the West African Humid Forest. *Hortscience: A Publication of the American Society for Hortcultural Science*, **1997**, 32, 969-972	2.4	11
25	Field Performance of Conventional vs. in Vitro Propagules of Plantain (Musa spp., AAB Group). *Hortscience: A Publication of the American Society for Hortcultural Science*, **1996**, 31, 862-865	2.4	23
24	Effect of ploidy on stomatal and other quantitative traits in plantain and banana hybrids. *Euphytica*, **1995**, 83, 117-122	2.1	50
23	Banana weevil resistance and corm hardness in Musa germplasm. *Euphytica*, **1995**, 86, 95-102	2.1	37
22	Effect of the parthenocarpy gene P1 and ploidy on fruit and bunch traits of plantain-banana hybrids. *Heredity*, **1995**, 75, 460-465	3.6	28
21	Phenotypic Diversity and Patterns of Variation in West and Central African Plantains (Musa Spp., AAB group Musaceae). *Economic Botany*, **1995**, 49, 320-327	1.7	42
20	Plot Techniques for Assessment of Bunch Weight in Banana Trials under Two Systems of Crop Management. *Agronomy Journal*, **1995**, 87, 63-69	2.2	41
19	Factors Influencing Seed Set in Triploid Musa spp. L. and Production of Euploid Hybrids. *Annals of Botany*, **1995**, 75, 151-155	4.1	38
18	Plantain-derived Diploid Hybrids (TMP2x) with Black Sigatoka Resistance. *Hortscience: A Publication of the American Society for Hortcultural Science*, **1995**, 30, 147-149	2.4	14
17	'PITA-9': A Black-sigatoka-resistant Hybrid from the 'False Horn' Plantain Gene Pool. *Hortscience: A Publication of the American Society for Hortcultural Science*, **1995**, 30, 395-397	2.4	12
16	Diploid potato germplasm derived from wild and land race genetic resources. *American Potato Journal*, **1994**, 71, 599-604		26

15	Effect of Sporophytic Heterozygosity on the Male Gametophyte of the Tetraploid Potato (Solanum tuberosum L.). *Annals of Botany*, **1994**, 73, 61-64	4.1	12
14	Genetics of Apical Dominance in Plantain (Musa spp., AAB Group) and Improvement of Suckering Behavior. *Journal of the American Society for Horticultural Science*, **1994**, 119, 1050-1053	2.3	32
13	Development and performance of balck sigatoka-resistant tetraploid hybrids of plantain (Musa spp., AAB group). *Euphytica*, **1993**, 65, 33-42	2.1	67
12	Inheritance of early blight resistance in diploid potatoes. *Euphytica*, **1993**, 71, 15-19	2.1	19
11	Male sterility and 2n pollen in 4x□2x and 4x□4x crosses in potatoes. *Potato Research*, **1993**, 36, 227-236	3.2	22
10	Registration of 14 Improved Tropical Musa Plantain Hybrids with Black Sigatoka Resistance. *Hortscience: A Publication of the American Society for Hortcultural Science*, **1993**, 28, 957-959	2.4	28
9	Genetic analysis by use of potato haploid populations. *Genome*, **1992**, 35, 103-108	2.4	26
8	The importance of Endosperm Balance Number in potato breeding and the evolution of tuber-bearing Solanum species. *Euphytica*, **1992**, 60, 105-113	2.1	70
7	A restorer gene for genetic-cytoplasmic male sterility in cultivated potatoes. *American Potato Journal*, **1991**, 68, 19-28		36
6	Adaptation to day length and yield stability of families from 4x□2x crosses in potato. *Euphytica*, **1991**, 56, 187-195	2.1	17
5	Dedication: Stanley J. Peloquin Potato Geneticist and Cytogeneticist1-19		1
4	Dedication: Dirk R. Vuylsteke: Musa Scientist and Humanitarian1-25		
3	Dedication: Norman E. Borlaug The Humanitarian Plant Scientist Who Changed the World1-37		8
2	Potato Breeding via Ploidy Manipulations15-86		10
1	The Importance of Crop Wild Relatives, Diversity, and Genetic Potential for Adaptation to Abiotic Stress-Prone Environments80-87		11