Rodomiro Ortiz

List of Publications by Year
in descending order

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173 papers	8,611 citations	61984 43 h-index	54911 84 g-index
196 all docs	196 docs citations	196 times ranked	8050 citing authors

#	Article	IF	Citations
1	Agriculture production as a major driver of the Earth system exceeding planetary boundaries. Ecology and Society, 2017, 22, .	2.3	576
2	Genomic selection: genome-wide prediction in plant improvement. Trends in Plant Science, 2014, 19, 592-601.	8.8	559
3	Climate change: Can wheat beat the heat?. Agriculture, Ecosystems and Environment, 2008, 126, 46-58.	5.3	550
4	Association Analysis of Historical Bread Wheat Germplasm Using Additive Genetic Covariance of Relatives and Population Structure. Genetics, 2007, 177, 1889-1913.	2.9	426
5	Landrace Germplasm for Improving Yield and Abiotic Stress Adaptation. Trends in Plant Science, 2016, 21, 31-42.	8.8	293
6	Breeding schemes for the implementation of genomic selection in wheat (Triticum spp .). Plant Science, 2016, 242, 23-36.	3.6	292
7	Application of genomics-assisted breeding for generation of climate resilient crops: progress and prospects. Frontiers in Plant Science, 2015, 6, 563.	3.6	243
8	Global agricultural intensification during climate change: a role for genomics. Plant Biotechnology Journal, 2016, 14, 1095-1098.	8.3	221
9	Haploids: Constraints and opportunities in plant breeding. Biotechnology Advances, 2015, 33, 812-829.	11.7	198
10	Genetic Diversity within a Global Panel of Durum Wheat (Triticum durum) Landraces and Modern Germplasm Reveals the History of Alleles Exchange. Frontiers in Plant Science, 2017, 8, 1277.	3.6	178
11	Diversifying Food Systems in the Pursuit of Sustainable Food Production and Healthy Diets. Trends in Plant Science, 2017, 22, 842-856.	8.8	169
12	Wheat genetic resources enhancement by the International Maize and Wheat Improvement Center (CIMMYT). Genetic Resources and Crop Evolution, 2008, 55, 1095-1140.	1.6	155
13	High-Throughput Field-Phenotyping Tools for Plant Breeding and Precision Agriculture. Agronomy, 2019, 9, 258.	3.0	144
14	The Future of Food: Scenarios for 2050. Crop Science, 2010, 50, S-33.	1.8	136
15	From crossbreeding to biotechnology-facilitated improvement of banana and plantain. Biotechnology Advances, 2014, 32, 158-169.	11.7	135
16	High yield potential, shuttle breeding, genetic diversity, and a new international wheat improvement strategy. Euphytica, 2007, 157, 365-384.	1.2	132
17	Title is missing!. Genetic Resources and Crop Evolution, 2003, 50, 139-148.	1.6	130
18	Developing a Mini Core of Peanut for Utilization of Genetic Resources. Crop Science, 2002, 42, 2150-2156.	1.8	125

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19	The Molecularization of Public Sector Crop Breeding: Progress, Problems, and Prospects. Advances in Agronomy, 2007, , 163-318.	5.2	121
20	Genetic Basis and Breeding Perspectives of Grain Iron and Zinc Enrichment in Cereals. Frontiers in Plant Science, 2018, 9, 937.	3.6	117
21	Enhancing Crop Gene Pools with Beneficial Traits Using Wild Relatives. , 2008, , 179-230.		109
22	Breeding crops for reduced-tillage management in the intensive, riceâ€“wheat systems of South Asia. Euphytica, 2006, 153, 135-151.	1.2	96
23	Development and performance of balck sigatoka-resistant tetraploid hybrids of plantain (Musa spp.,) Tj ETQq1 1 0.784314 rgBT /Over	1.2	89
24	Food, Nutrition and Agrobiodiversity Under Global Climate Change. Advances in Agronomy, 2013, 120, 1-128.	5.2	85
25	The importance of Endosperm Balance Number in potato breeding and the evolution of tuber-bearing Solanum species. Euphytica, 1992, 60, 105-113.	1.2	78
26	Durum Wheat (Triticum durum Desf.): Origin, Cultivation and Potential Expansion in Sub-Saharan Africa. Agronomy, 2019, 9, 263.	3.0	77
27	Conserving and Enhancing Maize Genetic Resources as Global Public Goodsâ€“A Perspective from CIMMYT. Crop Science, 2010, 50, 13-28.	1.8	72
28	Segregation at Microsatellite Loci in Haploid and Diploid Gametes of Musa. Crop Science, 1998, 38, 211-217.	1.8	70
29	GenotypeÂÃ—Âenvironment interaction and selection for drought adaptation in sweetpotato (Ipomoea) Tj ETQq1 1 0.784314 rgBT /O	1.2	65
30	Editorial: Plant Phenotyping and Phenomics for Plant Breeding. Frontiers in Plant Science, 2017, 8, 2181.	3.6	65
31	Effect of ploidy on stomatal and other quantitative traits in plantain and banana hybrids. Euphytica, 1995, 83, 117-122.	1.2	61
32	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.	1.2	61
33	Selecting aSolanum tuberosum subsp.andigena core collection using morphological, geographical, disease and pest descriptors. American Journal of Potato Research, 2000, 77, 183-190.	0.9	60
34	Plant prebiotics and human health: Biotechnology to breed prebiotic-rich nutritious food crops. Electronic Journal of Biotechnology, 2014, 17, 238-245.	2.2	60
35	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.	3.6	60
36	Phenotypic Diversity and Patterns of Variation in West and Central African Plantains (Musa Spp., AAB) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.7	56

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37	Isozyme Analysis of Entire and Core Collections of Solanum tuberosum subsp. andigena Potato Cultivars. Crop Science, 2000, 40, 273-276.	1.8	54
38	Plot Techniques for Assessment of Bunch Weight in Banana Trials under Two Systems of Crop Management. Agronomy Journal, 1995, 87, 63-69.	1.8	53
39	Ploidy manipulation of the gametophyte, endosperm and sporophyte in nature and for crop improvement: a tribute to Professor Stanley J. Peloquin (1921â€“2008). Annals of Botany, 2009, 104, 795-807.	2.9	51
40	Factors Influencing Seed Set in Triploid Musa spp. L. and Production of Euploid Hybrids. Annals of Botany, 1995, 75, 151-155.	2.9	50
41	Morphological variation in Musa germplasm. Genetic Resources and Crop Evolution, 1997, 44, 393-404.	1.6	49
42	Overview and Breeding Strategies of Table Potato Production in Sweden and the Fennoscandian Region. Potato Research, 2016, 59, 279-294.	2.7	48
43	Concurrent Drought and Temperature Stress in Riceâ€”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, 1043.	2.6	48
44	Musa Genetic Diversity Revealed by SRAP and AFLP. Molecular Biotechnology, 2011, 47, 189-199.	2.4	46
45	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.	1.0	46
46	Banana weevil resistance and corm hardness in Musa germplasm. Euphytica, 1995, 86, 95-102.	1.2	44
47	A restorer gene for genetic-cytoplasmic male sterility in cultivated potatoes. American Potato Journal, 1991, 68, 19-28.	0.3	43
48	Genetic gains in Nordic spring barley breeding over sixty years. Euphytica, 2002, 126, 283-289.	1.2	42
49	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.	1.0	42
50	Diploid potato germplasm derived from wild and land race genetic resources. American Potato Journal, 1994, 71, 599-604.	0.3	41
51	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.	3.6	40
52	â€˜Alishaâ€™, â€˜Anamariaâ€™, â€˜Bieâ€™, â€˜Bitaâ€™, â€˜Caelanâ€™, â€˜Ivoneâ€™, â€˜Lawrenceâ€™, â€˜Margareteâ€™, and â€˜Vi Hortscience: A Publication of the American Society for Hortcultural Science, 2016, 51, 597-600.	1.0	40
53	Oil crops for the future. Current Opinion in Plant Biology, 2020, 56, 181-189.	7.1	38
54	Genetic analysis by use of potato haploid populations. Genome, 1992, 35, 103-108.	2.0	37

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55	Cowpeas from Nigeria: A Silent Food Revolution. Outlook on Agriculture, 1998, 27, 125-128.	3.4	37
56	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, .	3.9	37
57	Numerical classification of related Peruvian highland maize races using internal ear traits. Genetic Resources and Crop Evolution, 2008, 55, 1055-1064.	1.6	36
58	A transnational and holistic breeding approach is needed for sustainable wheat production in the Baltic Sea region. Physiologia Plantarum, 2018, 164, 442-451.	5.2	36
59	Effect of the parthenocarpy gene P1 and ploidy on fruit and bunch traits of plantain-banana hybrids. Heredity, 1995, 75, 460-465.	2.6	35
60	Microsatellite-Aided Screening for Fertility Restoration Genes (Rf) Facilitates Hybrid Improvement. Rice Science, 2016, 23, 160-164.	3.9	34
61	Using Biotechnology-Led Approaches to Uplift Cereal and Food Legume Yields in Dryland Environments. Frontiers in Plant Science, 2018, 9, 1249.	3.6	34
62	Gender and Trait Preferences for Banana Cultivation and Use in Sub-Saharan Africa: A Literature Review1. Economic Botany, 2020, 74, 226-241.	1.7	34
63	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.	1.0	34
64	Minimum resources for phenotyping morphological traits of maize (Zea mays L.) genetic resources. Plant Genetic Resources: Characterisation and Utilisation, 2008, 6, 195-200.	0.8	32
65	Marker-aided breeding for resistance to bean common mosaic virus in Kyrgyz bean cultivars. Euphytica, 2013, 193, 67-78.	1.2	32
66	Pursuing the Potential of Heirloom Cultivars to Improve Adaptation, Nutritional, and Culinary Features of Food Crops. Agronomy, 2019, 9, 441.	3.0	32
67	Plant Growth-Promoting Activity of Pseudomonas aeruginosa FG106 and Its Ability to Act as a Biocontrol Agent against Potato, Tomato and Taro Pathogens. Biology, 2022, 11, 140.	2.8	31
68	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.	3.6	30
69	Cross the Best with the Best, and Select the Best: HELP in Breeding Selfing Crops. Crop Science, 2018, 58, 17-30.	1.8	30
70	Fruit quality evaluation of plantains, plantain hybrids, and cooking bananas. Postharvest Biology and Technology, 1999, 15, 73-81.	6.0	28
71	Mitigating tradeoffs in plant breeding. IScience, 2021, 24, 102965.	4.1	28
72	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.	1.6	27

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73	Measuring the impact of plant breeding on sub-Saharan African staple crops. Outlook on Agriculture, 2018, 47, 163-180.	3.4	26
74	Crop wild relatives in durum wheat breeding: Drift or thrift?. Crop Science, 2021, 61, 37-54.	1.8	26
75	Male sterility and 2n pollen in 4x progenies derived from 4xÃ—2x and 4xÃ—4x crosses in potatoes. Potato Research, 1993, 36, 227-236.	2.7	25
76	Exploiting Phenylpropanoid Derivatives to Enhance the Nutraceutical Values of Cereals and Legumes. Frontiers in Plant Science, 2016, 7, 763.	3.6	24
77	Plantain-derived Diploid Hybrids (TMP2x) with Black Sigatoka Resistance. Hortscience: A Publication of the American Society for Hortcultural Science, 1995, 30, 147-149.	1.0	24
78	Title is missing!. Euphytica, 1997, 96, 339-344.	1.2	23
79	The Genetic Basis of the Green Revolution in Wheat Production. , 2007, , 39-58.		23
80	Multivariate pattern of quantitative trait variation in triploid banana and plantain cultivars. Scientia Horticulturae, 1997, 71, 197-202.	3.6	22
81	`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.	1.0	22
82	Adaptation to day length and yield stability of families from 4xï¿½2x crosses in potato. Euphytica, 1991, 56, 187-195.	1.2	21
83	Avocado Production and Local Trade in the Southern Highlands of Tanzania: A Case of an Emerging Trade Commodity from Horticulture. Agronomy, 2019, 9, 749.	3.0	21
84	Genetic diversity analysis in Phaseolus vulgaris L. using morphological traits. Genetic Resources and Crop Evolution, 2014, 61, 555-566.	1.6	20
85	QTL Mapping for Resistance to Early Blight in a Tetraploid Potato Population. Agronomy, 2020, 10, 728.	3.0	20
86	Inheritance of early blight resistance in diploid potatoes. Euphytica, 1993, 71, 15-19.	1.2	19
87	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.	1.6	19
88	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.	3.7	19
89	Promising High-Yielding Tetraploid Plantain-Bred Hybrids in West Africa. International Journal of Agronomy, 2019, 2019, 1-8.	1.2	19
90	Genome-Based Genotype Ã— Environment Prediction Enhances Potato (Solanum tuberosum L.) Improvement Using Pseudo-Diploid and Polysomic Tetraploid Modeling. Frontiers in Plant Science, 2022, 13, 785196.	3.6	19

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91	Challenges to international wheat breeding. Euphytica, 2007, 157, 281-285.	1.2	18
92	Quantitative variation and phenotypic correlations in banana and plantain. Scientia Horticulturae, 1998, 72, 239-253.	3.6	17
93	Response of East African highland bananas and hybrids to Radopholus similis. Nematology, 2005, 7, 655-666.	0.6	17
94	Improving Carotenoids and Amino-Acids in Cassava. Recent Patents on Food, Nutrition & Agriculture, 2009, 1, 32-38.	0.9	17
95	Association genetics of bunch weight and its component traits in East African highland banana (Musa) Tj ETQq1 1 0.784314 rgBT /Overl	3.6	17
96	RNA Interference and CRISPR/Cas Gene Editing for Crop Improvement: Paradigm Shift towards Sustainable Agriculture. Plants, 2021, 10, 1914.	3.5	17
97	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.	1.0	16
98	New Transcriptome-Based SNP Markers for Noug (Guizotia abyssinica) and Their Conversion to KASP Markers for Population Genetics Analyses. Genes, 2020, 11, 1373.	2.4	16
99	Spray-induced gene silencing: an innovative strategy for plant trait improvement and disease control. Crop Breeding and Applied Biotechnology, 2021, 21, .	0.4	16
100	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.	1.0	16
101	Effect of Sporophytic Heterozygosity on the Male Gametophyte of the Tetraploid Potato (Solanum) Tj ETQq1 1 0.784314 rgBT /Overl	2.9	14
102	The importance of Guizotia abyssinica (niger) for sustainable food security in Ethiopia. Genetic Resources and Crop Evolution, 2013, 60, 1763-1770.	1.6	14
103	Genoproteomics-assisted improvement ofAndrographis paniculata: toward a promising molecular and conventional breeding platform for autogamous plants affecting the pharmaceutical industry. Critical Reviews in Biotechnology, 2017, 37, 803-816.	9.0	14
104	Heat Tolerance of Durum Wheat (Tritcum durum Desf.) Elite Germplasm Tested along the Senegal River. Journal of Agricultural Science, 2018, 10, 217.	0.2	14
105	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.	3.5	14
106	Focused Identification of Germplasm Strategy (FIGS): polishing a rough diamond. Current Opinion in Insect Science, 2021, 45, 1-6.	4.4	14
107	A Bioinformatics Pipeline to Identify a Subset of SNPs for Genomics-Assisted Potato Breeding. Plants, 2021, 10, 30.	3.5	14
108	Influence of black Sigatoka disease on the growth and yield of diploid and tetraploid hybrid plantains. Crop Protection, 1998, 17, 13-18.	2.1	12

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109	Research and field monitoring on transgenic crops by the Centro Internacional de Mejoramiento de MaÃz y Trigo (CIMMYT). Euphytica, 2008, 164, 893-902.	1.2	12
110	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	12
111	Anthocyanin-Rich Vegetables for Human Consumptionâ€"Focus on Potato, Sweetpotato and Tomato. International Journal of Molecular Sciences, 2022, 23, 2634.	4.1	12
112	Durum Wheat Breeding: In the Heat of the Senegal River. Agriculture (Switzerland), 2018, 8, 99.	3.1	11
113	Genetics and Cytogenetics of theÂPotato. , 2020, , 219-247.		11
114	Understanding the Sorghumâ€"Colletotrichum sublineola Interactions for Enhanced Host Resistance. Frontiers in Plant Science, 2021, 12, 641969.	3.6	11
115	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, 2022, 12, .	1.8	11
116	Insights Into the Genetic Diversity of Nordic Red Clover (Trifolium pratense) Revealed by SeqSNP-Based Genic Markers. Frontiers in Plant Science, 2021, 12, 748750.	3.6	11
117	Cultivar diversity in Nordic spring barley breeding (1930â€"1991). Euphytica, 2002, 123, 111-119.	1.2	10
118	Assessment of Rice Inbred Lines and Hybrids under Low Fertilizer Levels in Senegal. Sustainability, 2014, 6, 1153-1162.	3.2	10
119	Genomic-based root plasticity to enhance abiotic stress adaptation and edible yield in grain crops. Plant Science, 2020, 295, 110365.	3.6	10
120	Dedication: Norman E. Borlaug The Humanitarian Plant Scientist Who Changed the World. , 0, , 1-37.		10
121	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	10
122	Segregation of bunch orientation in plantain and banana hybrids. Euphytica, 1998, 101, 79-82.	1.2	9
123	Ploidy Manipulations and Genetic Markers as Tools for Analysis of Quantitative Trait Variation in Progeny Derived from Triploid Plantains. Hereditas, 2004, 126, 255-259.	1.4	9
124	Identification of genes regulating traits targeted for domestication of field cress (Lepidium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Tc	2.7	9
125	Genetic diversity of avocado from the southern highlands of Tanzania as revealed by microsatellite markers. Hereditas, 2020, 157, 40.	1.4	9
126	Induced Polyploidy: A Tool for Forage Species Improvement. Agriculture (Switzerland), 2021, 11, 210.	3.1	9

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127	Nutritional Profile of the Ethiopian Oilseed Crop Noug (Guizotia abyssinica Cass.): Opportunities for Its Improvement as a Source for Human Nutrition. Foods, 2021, 10, 1778.	4.3	9
128	RNA-Seq Provides Novel Genomic Resources for Noug (Guizotia abyssinica) and Reveals Microsatellite Frequency and Distribution in Its Transcriptome. Frontiers in Plant Science, 2022, 13, .	3.6	9
129	Repeatability and optimum trial configuration for field-testing of banana and plantain. Scientia Horticulturae, 2012, 140, 39-44.	3.6	8
130	Suitability of existing Musa morphological descriptors to characterize East African highland â€˜matookeâ€™ bananas. Genetic Resources and Crop Evolution, 2018, 65, 645-657.	1.6	8
131	Significant progressive heterobeltiosis in banana crossbreeding. BMC Plant Biology, 2020, 20, 489.	3.6	8
132	Advanced analytics, phenomics and biotechnology approaches to enhance genetic gains in plant breeding. Advances in Agronomy, 2020, 162, 89-142.	5.2	8
133	Developing Germplasm and Promoting Consumption of Anthocyanin-Rich Grains for Health Benefits. Frontiers in Sustainable Food Systems, 2022, 6, .	3.9	8
134	Characterization of Tanzanian Avocado Using Morphological Traits. Diversity, 2020, 12, 64.	1.7	7
135	Comparison of Morphological and Genetic Characteristics of Avocados Grown in Tanzania. Genes, 2021, 12, 63.	2.4	7
136	Novel GBS-Based SNP Markers for Finger Millet and Their Use in Genetic Diversity Analyses. Frontiers in Genetics, 2022, 13, 848627.	2.3	7
137	Diversity and population structure of Nordic potato cultivars and breeding clones. BMC Plant Biology, 2022, 22, .	3.6	7
138	High-Density Genetic Linkage Mapping of Lepidium Based on Genotyping-by-Sequencing SNPs and Segregating Contig Tag Haplotypes. Frontiers in Plant Science, 2020, 11, 448.	3.6	6
139	First the seed: Genomic advances in seed science for improved crop productivity and food security. Crop Science, 2021, 61, 1501-1526.	1.8	6
140	Genetics of Important Traits in Musa. , 2011, , 71-83.		6
141	Estimating genetic effects in maternal and paternal half-sibs from tetraploid-diploid crosses in Musa spp.. Euphytica, 2012, 185, 295-301.	1.2	5
142	Farmersâ€™ rice knowledge and adoption of new cultivars in the TillabÃ©ry region of western Niger. Agriculture and Food Security, 2015, 4, .	4.2	5
143	Putting Plant Genetic Diversity and Variability at Work for Breeding: Hybrid Rice Suitability in West Africa. Diversity, 2017, 9, 27.	1.7	5
144	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.	2.6	5

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145	Field cress genome mapping: Integrating linkage and comparative maps with cytogenetic analysis for rDNA carrying chromosomes. Scientific Reports, 2019, 9, 17028.	3.3	5
146	Screening Musa germplasm for resistance to burrowing nematode populations from Uganda. Genetic Resources and Crop Evolution, 2013, 60, 367-375.	1.6	4
147	Molecular and Genomic Tools Provide Insights on Crop Domestication and Evolution. Advances in Agronomy, 2016, 135, 181-223.	5.2	4
148	Genomic Selection: State of theÂArt. , 2017, , 19-54.		4
149	Editorial: Leeway to Operate With Plant Genetic Resources. Frontiers in Plant Science, 2020, 11, 911.	3.6	4
150	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.	3.6	4
151	Marker-Aided Breeding Revolutionizes Twenty-First Century Crop Improvement. , 2012, , 435-452.		4
152	Late blight and virus host-plant resistances, crossing ability and glycoalkaloids in Nordic potato germplasm. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2017, 67, 628-636.	0.6	3
153	Molecular mapping and identification of quantitative trait loci for domestication traits in the field cress (Lepidium campestre L.) genome. Heredity, 2020, 124, 579-591.	2.6	3
154	Characterization of Oilseed Crop Noug (Guizotia abyssinica) Using Agro-Morphological Traits. Agronomy, 2021, 11, 1479.	3.0	3
155	Molecular Mapping of Complex Traits. , 2012, , 116-123.		3
156	New Strategies and Approaches for Improving Vegetable Cultivars. , 2021, , 349-381.		3
157	Additive relationships and parentâ€“offspring regression in Musa germplasm with intergeneration genome size polymorphism. Scientia Horticulturae, 2012, 136, 69-74.	3.6	2
158	QTL Mapping for Domestication-Related Characteristics in Field Cress (Lepidium campestre)â€”A Novel Oil Crop for the Subarctic Region. Genes, 2020, 11, 1223.	2.4	2
159	Traits that define yield and genetic gain in East African highland banana breeding. Euphytica, 2021, 217, 1.	1.2	2
160	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.	0.3	2
161	Variability in reproductive fitness and virulence of fourRadopholus similisnematode populations associated with plantains and banana (Musaspp.) in Uganda. International Journal of Pest Management, 2013, 59, 20-24.	1.8	1
162	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.	0.6	1

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163	Microbiome, Prebiotics, and Human Health. , 2016, , 335-343.		1
164	Change in Production Practices: The Role of Agri-Food and Diversified Cropping Systems. , 2019, , 36-43.		1
165	GÃ¶te Turessonâ€™s research legacy to Hereditas: from the ecotype concept in plants to the analysis of landracesâ€™ diversity in crops. Hereditas, 2020, 157, 44.	1.4	1
166	Drought Tolerance. , 2013, , 203-223.		1
167	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.	0.1	1
168	A Life in Horticulture and Plant Breeding. , 2018, , 291-360.		0
169	Heterobeltiosis in Banana and Genetic Gains through Crossbreeding. Proceedings (mdpi), 2019, 36, 193.	0.2	0
170	Map-Based Cloning in Musa spp.. , 2012, , 124-155.		0
171	Advances in Transgenic Vegetable and Fruit Breeding. , 2019, , 1-46.		0
172	Advanced Breeding Tools in Vegetable Crops. , 2019, , 1-28.		0
173	Transgenic Vegetable Breeding for Nutritional Quality and Health Benefits: A Review. , 2022, , 36-52.		0