Mohd Rafii Yusop

List of Publications by Year
in descending order

234 papers	6,007 citations	87888 38 h-index	114465 63 g-index
239 all docs	239 docs citations	239 times ranked	5525 citing authors

#	Article	IF	Citations
1	Principle and application of plant mutagenesis in crop improvement: a review. Biotechnology and Biotechnological Equipment, 2016, 30, 1-16.	1.3	373
2	Blast resistance in rice: a review of conventional breeding to molecular approaches. Molecular Biology Reports, 2013, 40, 2369-2388.	2.3	179
3	A Review of Microsatellite Markers and Their Applications in Rice Breeding Programs to Improve Blast Disease Resistance. International Journal of Molecular Sciences, 2013, 14, 22499-22528.	4.1	164
4	Importance of Silicon and Mechanisms of Biosilica Formation in Plants. BioMed Research International, 2015, 2015, 1-16.	1.9	157
5	Drought Resistance in Rice from Conventional to Molecular Breeding: A Review. International Journal of Molecular Sciences, 2019, 20, 3519.	4.1	157
6	Marker-assisted backcrossing: a useful method for rice improvement. Biotechnology and Biotechnological Equipment, 2015, 29, 237-254.	1.3	153
7	Mining and Development of Novel SSR Markers Using Next Generation Sequencing (NGS) Data in Plants. Molecules, 2018, 23, 399.	3.8	141
8	Molecular Breeding Strategy and Challenges Towards Improvement of Blast Disease Resistance in Rice Crop. Frontiers in Plant Science, 2015, 6, 886.	3.6	114
9	Improvement of Drought Tolerance in Rice (Oryza sativa L.): Genetics, Genomic Tools, and the WRKY Gene Family. BioMed Research International, 2018, 2018, 1-20.	1.9	111
10	Waterlogging Tolerance of Crops: Breeding, Mechanism of Tolerance, Molecular Approaches, and Future Prospects. BioMed Research International, 2013, 2013, 1-10.	1.9	107
11	Bacterial leaf blight resistance in rice: a review of conventional breeding to molecular approach. Molecular Biology Reports, 2019, 46, 1519-1532.	2.3	107
12	Multiple functional polymorphisms in a single disease resistance gene in rice enhance durable resistance to blast. Scientific Reports, 2014, 4, .	3.3	100
13	Molecular analysis of Hsp70 mechanisms in plants and their function in response to stress. Biotechnology and Genetic Engineering Reviews, 2017, 33, 26-39.	6.2	99
14	Fermentation Quality and Additives: A Case of Rice Straw Silage. BioMed Research International, 2016, 2016, 1-14.	1.9	83
15	Evaluation of Antioxidant Compounds, Antioxidant Activities, and Mineral Composition of 13 Collected Purslane (Portulaca oleraceaL.) Accessions. BioMed Research International, 2014, 2014, 1-10.	1.9	82
16	Effects of salinity and salinity-induced augmented bioactive compounds in purslane (Portulaca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	8.2	79
17	Genetic Diversity of Aromatic Rice Germplasm Revealed By SSR Markers. BioMed Research International, 2018, 2018, 1-11.	1.9	70
18	Characterization of salt-tolerant plant growth-promoting rhizobacteria and the effect on growth and yield of saline-affected rice. PLoS ONE, 2020, 15, e0238537.	2.5	70

#	Article	IF	Citations
19	Superabsorbent Polymer Hydrogels for Sustainable Agriculture: A Review. Horticulturae, 2022, 8, 605.	2.8	70
20	Molecular progress on the mapping and cloning of functional genes for blast disease in rice (Oryza sativaL.): current status and future considerations. Critical Reviews in Biotechnology, 2016, 36, 353-367.	9.0	65
21	Morphological Characterization and Assessment of Genetic Variability, Character Association, and Divergence in Soybean Mutants. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	64
22	Understanding the shoot apical meristem regulation: A study of the phytohormones, auxin and cytokinin, in rice. Mechanisms of Development, 2015, 135, 1-15.	1.7	64
23	Relationship between High Temperature and Formation of Chalkiness and Their Effects on Quality of Rice. BioMed Research International, 2018, 2018, 1-18.	1.9	62
24	Capsaicin and Dihydrocapsaicin Determination in Chili Pepper Genotypes Using Ultra-Fast Liquid Chromatography. Molecules, 2014, 19, 6474-6488.	3.8	61
25	De novo assembly of transcriptomes, mining, and development of novel EST-SSR markers in Curcuma alismatifolia (Zingiberaceae family) through Illumina sequencing. Scientific Reports, 2019, 9, 3047.	3.3	61
26	Contribution of transposable elements in the plant's genome. Gene, 2018, 665, 155-166.	2.2	57
27	Biochemical, Genetic and Molecular Advances of Fragrance Characteristics in Rice. Critical Reviews in Plant Sciences, 2013, 32, 445-457.	5.7	55
28	Genetic Variability and Selection Criteria in Rice Mutant Lines as Revealed by Quantitative Traits. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	55
29	Genetic Variation, Heritability, and Diversity Analysis of Upland Rice (Oryza sativaL.) Genotypes Based on Quantitative Traits. BioMed Research International, 2015, 2015, 1-7.	1.9	54
30	Phenotypic, genotypic and genetic divergence found in 48 newly collected Malaysian accessions of Jatropha curcas L.. Industrial Crops and Products, 2013, 42, 543-551.	5.2	53
31	SSRs for Marker-Assisted Selection for Blast Resistance in Rice (Oryza sativa L.). Plant Molecular Biology Reporter, 2012, 30, 79-86.	1.8	51
32	Genotypic and Phenotypic Relationship among Yield Components in Rice under Tropical Conditions. BioMed Research International, 2018, 2018, 1-10.	1.9	49
33	Submergence Tolerance in Rice: Review of Mechanism, Breeding and, Future Prospects. Sustainability, 2020, 12, 1632.	3.2	49
34	Genetic Diversity of Upland Rice Germplasm in Malaysia Based on Quantitative Traits. Scientific World Journal, The, 2012, 2012, 1-9.	2.1	48
35	Marker-assisted selection and gene pyramiding for resistance to bacterial leaf blight disease of rice (Oryza sativaL.). Biotechnology and Biotechnological Equipment, 2019, 33, 440-455.	1.3	47
36	Effect of Temperature, Water Activity and Carbon Dioxide on Fungal Growth and Mycotoxin Production of Acclimatised Isolates of Fusarium verticillioides and F. graminearum. Toxins, 2020, 12, 478.	3.4	47

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37	Analysis of the genetic diversity of physic nut, Jatropha curcas L. accessions using RAPD markers. Molecular Biology Reports, 2012, 39, 6505-6511.	2.3	43
38	Agro-morphological characterization and assessment of variability, heritability, genetic advance and divergence in bacterial blight resistant rice genotypes. South African Journal of Botany, 2013, 86, 15-22.	2.5	43
39	AMMI and GGE biplot analysis for yield performance and stability assessment of selected Bambara groundnut (Vigna subterranea L. Verdc.) genotypes under the multi-environmental trials (METs). Scientific Reports, 2021, 11, 22791.	3.3	43
40	Genotype Ã— Environment interaction and stability analyses of yield and yield components of established and mutant rice genotypes tested in multiple locations in Malaysia. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2017, 67, 590-606.	0.6	41
41	Recurrent parent genome recovery analysis in a marker-assisted backcrossing program of rice (Oryza) Tj ETQq1 1 0.784314 rgBT /Overlo	0.2	40
42	Biochemical and Anatomical Changes and Yield Reduction in Rice (Oryza sativaL.) under Varied Salinity Regimes. BioMed Research International, 2014, 2014, 1-11.	1.9	39
43	Breeding for Anthracnose Disease Resistance in Chili: Progress and Prospects. International Journal of Molecular Sciences, 2018, 19, 3122.	4.1	39
44	Genetic improvement of Purslane (Portulaca oleracea L.) and its future prospects. Molecular Biology Reports, 2014, 41, 7395-7411.	2.3	38
45	Review of functional markers for improving cooking, eating, and the nutritional qualities of rice. Frontiers in Plant Science, 2015, 6, 832.	3.6	38
46	Effect of Salinity on Biomass Yield and Physiological and Stem-Root Anatomical Characteristics of Purslane (Portulaca oleraceaL.) Accessions. BioMed Research International, 2015, 2015, 1-15.	1.9	38
47	Current advance methods for the identification of blast resistance genes in rice. Comptes Rendus - Biologies, 2015, 338, 321-334.	0.2	37
48	Advances to improve the eating and cooking qualities of rice by marker-assisted breeding. Critical Reviews in Biotechnology, 2016, 36, 87-98.	9.0	36
49	Effect of Salt-Tolerant Bacterial Inoculations on Rice Seedlings Differing in Salt-Tolerance under Saline Soil Conditions. Agronomy, 2020, 10, 1030.	3.0	36
50	Exploration of Bambara Groundnut (Vigna subterranea (L.) Verdc.), an Underutilized Crop, to Aid Global Food Security: Varietal Improvement, Genetic Diversity and Processing. Agronomy, 2020, 10, 766.	3.0	36
51	Changes in growth and photosynthetic patterns of oil palm (Elaeis guineensis Jacq.) seedlings exposed to short-term CO2 enrichment in a closed top chamber. Acta Physiologiae Plantarum, 2010, 32, 305-313.	2.1	34
52	Analysis of simple sequence repeat markers linked with blast disease resistance genes in a segregating population of rice (Oryza sativa). Genetics and Molecular Research, 2011, 10, 1345-1355.	0.2	34
53	Bambara Groundnut (Vigna subterranea L. Verdc): A Crop for the New Millennium, Its Genetic Diversity, and Improvements to Mitigate Future Food and Nutritional Challenges. Sustainability, 2021, 13, 5530.	3.2	34
54	Microsatellite and minisatellite markers based DNA fingerprinting and genetic diversity of blast and ufra resistant genotypes. Comptes Rendus - Biologies, 2011, 334, 282-289.	0.2	32

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55	Determination of optimum levels of nitrogen, phosphorus and potassium of oil palm seedlings in solution culture. Bragantia, 2015, 74, 247-254.	1.3	32
56	In vitro antioxidant and, Î±-glucosidase inhibitory activities and comprehensive metabolite profiling of methanol extract and its fractions from Clinacanthus nutans. BMC Complementary and Alternative Medicine, 2017, 17, 181.	3.7	31
57	Heritability and Genetic Advance among Chili Pepper Genotypes for Heat Tolerance and Morphophysiological Characteristics. Scientific World Journal, The, 2014, 2014, 1-14.	2.1	30
58	Introgression of Blast Resistance Genes (Putative Pi-b and Pi-kh) into Elite Rice Cultivar MR219 through Marker-Assisted Selection. Frontiers in Plant Science, 2015, 6, 1002.	3.6	30
59	Molecular markers: a potential resource for ginger genetic diversity studies. Molecular Biology Reports, 2016, 43, 1347-1358.	2.3	30
60	Genetic Variability, Heritability, and Clustering Pattern Exploration of Bambara Groundnut (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 International, 2020, 2020, 1-31.	1.9	30
61	Intelligent mining of large-scale bio-data: Bioinformatics applications. Biotechnology and Biotechnological Equipment, 2018, 32, 10-29.	1.3	29
62	Genetic diversity and variability among pigmented rice germplasm using molecular marker and morphological traits. Biotechnology and Biotechnological Equipment, 2020, 34, 747-762.	1.3	29
63	Genetic variability of oil palm parental genotypes and performance of itsâ€™ progenies as revealed by molecular markers and quantitative traits. Comptes Rendus - Biologies, 2011, 334, 290-299.	0.2	28
64	Assessment of Agro-Morphologic Performance, Genetic Parameters and Clustering Pattern of Newly Developed Blast Resistant Rice Lines Tested in Four Environments. Agronomy, 2020, 10, 1098.	3.0	28
65	Expression of Target Gene Hsp70 and Membrane Stability Determine Heat Tolerance in Chili Pepper. Journal of the American Society for Horticultural Science, 2015, 140, 144-150.	1.0	28
66	Genetic dissection of rice blast resistance by QTL mapping approach using an F3 population. Molecular Biology Reports, 2013, 40, 2503-2515.	2.3	27
67	Growth Performance and Antioxidant Enzyme Activities of Advanced Mutant Rice Genotypes under Drought Stress Condition. Agronomy, 2018, 8, 279.	3.0	27
68	Critical multifunctional role of the betaine aldehyde dehydrogenase gene in plants. Biotechnology and Biotechnological Equipment, 2018, 32, 815-829.	1.3	26
69	Genetic Divergence and Heritability of 42 Coloured Upland Rice Genotypes (Oryzasativa) as Revealed by Microsatellites Marker and Agro-Morphological Traits. PLoS ONE, 2015, 10, e0138246.	2.5	26
70	Genetic Variability of Eggplant Germplasm Evaluated under Open Field and Glasshouse Cropping Conditions. Agronomy, 2020, 10, 436.	3.0	25
71	Genetic analysis and selection of Bambara groundnut (Vigna subterranea [L.] Verdc.) landraces for high yield revealed by qualitative and quantitative traits. Scientific Reports, 2021, 11, 7597.	3.3	25
72	Genetic diversity analyzed by quantitative traits among rice (Oryza sativa L.) genotypes resistant to blast disease. African Journal of Microbiology Research, 2011, 5, .	0.4	24

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73	Seed Yield of Mungbean (Vigna radiata(L.) Wilczek) in relation to Growth and Developmental Aspects. Scientific World Journal, The, 2012, 2012, 1-7.	2.1	24
74	Genetic Dissection of New Genotypes of Drumstick Tree (Moringa oleiferaLam.) Using Random Amplified Polymorphic DNA Marker. BioMed Research International, 2013, 2013, 1-6.	1.9	24
75	Toward understanding of rice innate immunity againstMagnaporthe oryzae. Critical Reviews in Biotechnology, 2016, 36, 165-174.	9.0	24
76	Markerâ€assisted introgression of broadâ€spectrum blast resistance genes into the cultivated <scp>MR219</scp> rice variety. Journal of the Science of Food and Agriculture, 2017, 97, 2810-2818.	3.5	24
77	Marker-Assisted Introgression of Multiple Resistance Genes Confers Broad Spectrum Resistance against Bacterial Leaf Blight and Blast Diseases in PUTRA-1 Rice Variety. Agronomy, 2020, 10, 42.	3.0	24
78	Advanced Breeding Strategies and Future Perspectives of Salinity Tolerance in Rice. Agronomy, 2021, 11, 1631.	3.0	24
79	Screening of Purslane (Portulaca oleraceaL.) Accessions for High Salt Tolerance. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	23
80	Gene flow from ClearfieldÂ® rice to weedy rice under field conditions. Plant, Soil and Environment, 2016, 62, 16-22.	2.2	23
81	Investigating the effect of white-rot hymenomycetes biodegradation on basal stem rot infected oil palm wood blocks: Biochemical and anatomical characterization. Industrial Crops and Products, 2017, 108, 872-882.	5.2	23
82	Introgression of heat shock protein (Hsp70 and sHsp) genes into the Malaysian elite chilli variety Kulai (Capsicum annuum L.) through the application of marker-assisted backcrossing (MAB). Cell Stress and Chaperones, 2018, 23, 223-234.	2.9	23
83	Genetic Diversity of Torch Ginger (Etlingera elatior) Germplasm Revealed by ISSR and SSR Markers. BioMed Research International, 2019, 2019, 1-14.	1.9	23
84	Variation in yield components and vegetative traits in Malaysian oil palm (Elaeis guineensis jacq.) duraÃ—pisifera hybrids under various planting densities. Industrial Crops and Products, 2013, 46, 147-157.	5.2	22
85	DNA fingerprinting, fixation-index (Fst), and admixture mapping of selected Bambara groundnut (Vigna) Tj ETQq1 1 0.784314 rgBT /Over	3.3	21
86	Allele Mining Strategies: Principles and Utilisation for Blast Resistance Genes in Rice (Oryza sativa L.). Current Issues in Molecular Biology, 2015, 17, 57-73.	2.4	20
87	Influence of Plant Population and Nitrogen-Fertilizer at Various Levels on Growth and Growth Efficiency of Maize. Scientific World Journal, The, 2013, 2013, 1-9.	2.1	19
88	The genetic and molecular origin of natural variation for the fragrance trait in an elite Malaysian aromatic rice through quantitative trait loci mapping using SSR and gene-based markers. Gene, 2015, 555, 101-107.	2.2	19
89	Genotypic character relationship and phenotypic path coefficient analysis in chili pepper genotypes grown under tropical condition. Journal of the Science of Food and Agriculture, 2017, 97, 1164-1171.	3.5	19
90	Genetic diversity and selection criteria of MPOB-Senegal oil palm (Elaeis guineensis Jacq.) germplasm by quantitative traits. Industrial Crops and Products, 2019, 139, 111558.	5.2	19

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91	Current and Prospective Strategies in the Varietal Improvement of Chilli (Capsicum annuum L.) Specially Heterosis Breeding. Agronomy, 2021, 11, 2217.	3.0	19
92	Isolation and Expression Analysis of Novel Silicon Absorption Gene from Roots of Mangrove(Rhizophora apiculata) viaSuppression Subtractive Hybridization. BioMed Research International, 2014, 2014, 1-11.	1.9	18
93	Genetic Analysis of Resistance to Rice Blast: A Study on the Inheritance of Resistance to the Blast Disease Pathogen in an F₃ Population of Rice. Journal of Phytopathology, 2015, 163, 300-309.	1.0	18
94	Combining Ability Analysis in Complete Diallel Cross of Watermelon (Citrullus lanatus(Thunb.)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	17
95	Mapping of the quantitative trait locus (QTL) conferring partial resistance to rice leaf blast disease. Biotechnology Letters, 2013, 35, 799-810.	2.2	17
96	A Classical Genetic Solution to Enhance the Biosynthesis of Anticancer Phytochemicals in Andrographis paniculata Nees. PLoS ONE, 2014, 9, e87034.	2.5	17
97	Recurrent parent genome recovery in different populations with the introgression of Sub1 gene from a cross between MR219 and Swarna-Sub1. Euphytica, 2016, 207, 605-618.	1.2	17
98	Development of advanced fragrant rice lines from MR269ÂÃ—ÂBasmati 370 through marker-assisted backcrossing. Euphytica, 2017, 213, 1.	1.2	17
99	Inoculation of oil palm seedlings in Malaysia with white-rot hymenomycetes: Assessment of pathogenicity and vegetative growth. Crop Protection, 2018, 110, 146-154.	2.1	17
100	ALUMINUM SPECIATION OF AMENDED ACID TROPICAL SOIL AND ITS EFFECTS ON PLANT ROOT GROWTH. Journal of Plant Nutrition, 2014, 37, 811-827.	1.9	16
101	Opportunities of markerâ€assisted selection for rice fragrance through markerâ€“trait association analysis of microsatellites and geneâ€based markers. Plant Biology, 2015, 17, 953-961.	3.8	16
102	Genetic diversity analysis among collected purslane (Portulaca oleracea L.) accessions using ISSR markers. Comptes Rendus - Biologies, 2015, 338, 1-11.	0.2	16
103	Introgression of blast resistance genes intoÂtheÂelite rice variety <scp>MR263</scp> through markerâ€assisted backcrossing. Journal of the Science of Food and Agriculture, 2016, 96, 1297-1305.	3.5	16
104	Effects of Grafting on Morphophysiological and Yield Characteristic of Eggplant (Solanum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td	3.5	16
105	Pumpkin (Cucurbita spp.): A Crop to Mitigate Food and Nutritional Challenges. Horticulturae, 2021, 7, 352.	2.8	16
106	Bacillus tequilensis strain â€˜UPMRB9â€™ improves biochemical attributes and nutrient accumulation in different rice varieties under salinity stress. PLoS ONE, 2021, 16, e0260869.	2.5	16
107	Morpho-physiological and mineral nutrient characterization of 45 collected Purslane (Portulaca) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.3	15
108	Marker-assisted selection for rice brown planthopper (Nilaparvata lugens)resistance using linked SSR markers. Turkish Journal of Biology, 2015, 39, 666-673.	0.8	15

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109	Genetic diversity analysis of selected Capsicum annuum genotypes based on morphophysiological, yield characteristics and their biochemical properties. Journal of the Science of Food and Agriculture, 2019, 99, 269-280.	3.5	15
110	Improvement of important economic traits in chilli through heterosis breeding: a review. Journal of Horticultural Science and Biotechnology, 2021, 96, 14-23.	1.9	15
111	Development of SNP markers and their application for genetic diversity analysis in the oil palm (Elaeis) Tj ETQq1 1 0.784314 rgBT /Over	0.2	15
112	Reducing Runoff Loss of Applied Nutrients in Oil Palm Cultivation Using Controlled-Release Fertilizers. Advances in Agriculture, 2014, 2014, 1-9.	0.9	14
113	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
114	Screening and Expression of a Silicon Transporter Gene(Lsi1)in Wild-Type Indica Rice Cultivars. BioMed Research International, 2017, 2017, 1-13.	1.9	14
115	Adaptation of the metabolomics profile of rice after Pyricularia oryzae infection. Plant Physiology and Biochemistry, 2019, 144, 466-479.	5.8	14
116	Integrating Multivariate and Univariate Statistical Models to Investigate Genotypeâ€"Environment Interaction of Advanced Fragrant Rice Genotypes under Rainfed Condition. Sustainability, 2021, 13, 4555.	3.2	14
117	Differential Gene Expression Reflects Morphological Characteristics and Physiological Processes in Rice Immunity against Blast Pathogen Magnaporthe oryzae. PLoS ONE, 2015, 10, e0126188.	2.5	14
118	Genetic Performance and General Combining Ability of Oil Palm Delidurax AVROSpisiferaTested on Inland Soils. Scientific World Journal, The, 2012, 2012, 1-8.	2.1	13
119	SyntheticBrassica napusL.: Development and Studies on Morphological Characters, Yield Attributes, and Yield. Scientific World Journal, The, 2012, 2012, 1-6.	2.1	13
120	Recent Strategies for Detection and Improvement of Brown Planthopper Resistance Genes in Rice: A Review. Plants, 2020, 9, 1202.	3.5	13
121	Recovery of Recurrent Parent Genome in a Marker-Assisted Backcrossing Against Rice Blast and Blight Infections Using Functional Markers and SSRs. Plants, 2020, 9, 1411.	3.5	13
122	Management of Mango Hopper,Idioscopus clypealis,Using Chemical Insecticides and Neem Oil. Scientific World Journal, The, 2014, 2014, 1-5.	2.1	12
123	Genetic variability analysis and selection of pisifera palms for commercial production of high yielding and dwarf oil palm planting materials. Industrial Crops and Products, 2016, 90, 135-141.	5.2	12
124	Potential allelopathic effects of rice plant aqueous extracts on germination and seedling growth of some rice field common weeds. Italian Journal of Agronomy, 2018, , 134-140.	1.0	12
125	LEA Gene Expression Assessment in Advanced Mutant Rice Genotypes under Drought Stress. International Journal of Genomics, 2019, 2019, 1-8.	1.6	12
126	Influence of Parental Dura and Pisifera Genetic Origins on Oil Palm Fruit Set Ratio and Yield Components in Their D Ã— P Progenies. Agronomy, 2020, 10, 1793.	3.0	12

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127	Effect of Organic and Inorganic Fertilizer on the Growth and Yield Components of Traditional and Improved Rice (Oryza sativa L.) Genotypes in Malaysia. Agronomy, 2021, 11, 1830.	3.0	12
128	Path-coefficient and correlation analysis in Bambara groundnut (Vigna subterranea [L.] Verdc.) accessions over environments. Scientific Reports, 2022, 12, 245.	3.3	12
129	Variations in oil palm (Elaeis guineensis Jacq.) progeny response to high aluminium concentrations in solution culture. Plant Biology, 2011, 13, 333-342.	3.8	11
130	Inheritance studies of SSR and ISSR molecular markers and phylogenetic relationship of rice genotypes resistant to tungro virus. Comptes Rendus - Biologies, 2013, 336, 125-133.	0.2	11
131	Genetic variation, heritability, divergence and biomass accumulation of rice genotypes resistant to bacterial blight revealed by quantitative traits and <scp>ISSR</scp> markers. Physiologia Plantarum, 2013, 149, 432-447.	5.2	11
132	Genetic variability and trait relationship in cherry tomato (Solanum lycopersicum L. var. cerasiforme) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	11
133	Variability and performance evaluation of introgressed Nigerian dura x Deli dura oil palm progenies. Genetics and Molecular Research, 2014, 13, 2426-2437.	0.2	11
134	Serine-rich protein is a novel positive regulator for silicon accumulation in mangrove. Gene, 2015, 556, 170-181.	2.2	11
135	The addition of submergence-tolerant Sub1 gene into high yielding MR219 rice variety and analysis of its BC2F3 population in terms of yield and yield contributing characters to select advance lines as a variety. Biotechnology and Biotechnological Equipment, 2016, 30, 853-863.	1.3	11
136	Genetic Diversity and Utilization of Cultivated Eggplant Germplasm in Varietal Improvement. Plants, 2021, 10, 1714.	3.5	11
137	Proteomic Analysis of the Salt-Responsive Leaf and Root Proteins in the Anticancer Plant Andrographis paniculata Nees. PLoS ONE, 2014, 9, e112907.	2.5	11
138	Over-Expression of the Pikh Gene with a CaMV 35S Promoter Leads to Improved Blast Disease (Magnaporthe oryzae) Tolerance in Rice. Frontiers in Plant Science, 2016, 7, 773.	3.6	10
139	Breeding of high yielding and dwarf oil palm planting materials using Deli duraÂÃ—ÂNigerian pisifera population. Euphytica, 2017, 213, 1.	1.2	10
140	Combining Ability of Pod Yield and Related Traits of Groundnut (Arachis hypogaeaL.) under Salinity Stress. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	9
141	Molecular insights into the regulation of rice kernel elongation. Critical Reviews in Biotechnology, 2019, 39, 904-923.	9.0	9
142	Genetic Diversity among Kenaf Mutants as Revealed by Qualitative and Quantitative Traits. Journal of Natural Fibers, 0, , 1-18.	3.1	9
143	Linkage of SSR markers with rice blast resistance and development of partial resistant advanced lines of rice (Oryza sativa) through marker-assisted selection. Physiology and Molecular Biology of Plants, 2022, 28, 153-169.	3.1	9
144	Allelopathic Effects of LitterAxonopus compressusagainst Two Weedy Species and Its Persistence in Soil. Scientific World Journal, The, 2013, 2013, 1-8.	2.1	8

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145	Genetic analysis of microsatellites associated with resistance against bacterial leaf blight and blast diseases of rice (Oryza sativa L.). Biotechnology and Biotechnological Equipment, 2020, 34, 898-904.	1.3	8
146	Determination of lethal (LD) and growth reduction (GR)doses on acute and chronic gamma- irradiated Bambara groundnut [Vigna subterranea (L.) Verdc.]varieties. Journal of Radiation Research and Applied Sciences, 2021, 14, 133-145.	1.2	8
147	Recent Advances in Rice Varietal Development for Durable Resistance to Biotic and Abiotic Stresses through Marker-Assisted Gene Pyramiding. Sustainability, 2021, 13, 10806.	3.2	8
148	Unveiling Genetic Diversity, Characterization, and Selection of Bambara Groundnut (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td Research International, 2022, 2022, 1-23.	1.9	8
149	Competitive Interaction ofAxonopus compressusandAsystasia gangeticaunder Contrasting Sunlight Intensity. Scientific World Journal, The, 2013, 2013, 1-8.	2.1	7
150	PERFORMANCE OF YIELD AND YIELD CONTRIBUTING CHARACTERISTICS OF BC2F3 POPULATION WITH ADDITION OF BLAST RESISTANT GENE. Ciencia E Agrotecnologia, 2015, 39, 463-476.	1.5	7
151	Highly efficient protocol for callogenesis, somagenesis and regeneration of Indica rice plants. Comptes Rendus - Biologies, 2015, 338, 463-470.	0.2	7
152	Potential Genotypes of the 1995 RRIM Hevea Germplasm Collection for Future Rubber Breeding and Selection Programme. Journal of Rubber Research (Kuala Lumpur, Malaysia), 2017, 20, 242-260.	1.1	7
153	Genetic Diversity of the 1995 RRIM Hevea Germplasm Collection for Utilisation in the Rubber Breeding Programme. Journal of Rubber Research (Kuala Lumpur, Malaysia), 2018, 21, 153-164.	1.1	7
154	Growth and development of moringa (Moringa oleifera L.) stem cuttings as affected by diameter magnitude, growth media, and indole-3-butyric acid. Annals of Forest Research, 2014, 59, .	1.1	7
155	Segregation analysis for bacterial leaf blight disease resistance genes in rice ‘MR219’ using SSR marker. Chilean Journal of Agricultural Research, 2020, 80, 227-233.	1.1	7
156	Stability analysis of oil yield in oil palm (Elaeis guineensis) progenies in different environments. Genetics and Molecular Research, 2012, 11, 3629-3641.	0.2	6
157	Multiplex SSRâ€"PCR approaches for semi-automated genotyping and characterization of loci linked to blast disease resistance genes in rice. Comptes Rendus - Biologies, 2015, 338, 709-722.	0.2	6
158	Application of EST-SSR marker in detection of genetic variation among purslane (Portulaca oleracea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	6
159	Oil palm (Elaeis guineensis) seed dormancy type and germination pattern. Seed Science and Technology, 2016, 44, 15-26.	1.4	6
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