

Mohd Rafii Yusop

List of Publications by Year in descending order

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234
papers

6,007
citations

100601

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129628

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docs citations

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times ranked

6060
citing authors

#	ARTICLE	IF	CITATIONS
1	Path-coefficient and correlation analysis in Bambara groundnut (<i>Vigna subterranea</i> [L.] Verdc.) accessions over environments. <i>Scientific Reports</i> , 2022, 12, 245.	1.6	12
2	Genetic diversity of inbred lines in chilli based on phenotypic and genotypic responses against <i>Colletotrichum truncatum</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2022, 55, 583-596.	0.6	1
3	Linkage of SSR markers with rice blast resistance and development of partial resistant advanced lines of rice (<i>Oryza sativa</i>) through marker-assisted selection. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 153-169.	1.4	9
4	Characterization and Genetic Diversity of Photoperiodic among Mutant Kenaf (<i>Hibiscus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	1.7	2
5	Genetic analysis of yield and yield contributing traits in rice (<i>Oryza sativa</i> L.) BC ₂ F ₃ population derived from MR264 Å— PS2. <i>Biotechnology and Biotechnological Equipment</i> , 2022, 36, 184-192.	0.5	2
6	Unveiling Genetic Diversity, Characterization, and Selection of Bambara Groundnut (<i>Vigna</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td Research International, 2022, 2022, 1-23.	0.9	8
7	Assessment of Variability and Genetic Diversity Study in an Advanced Segregating Population in Rice with Blast Resistance Genes Introgression. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2022, 10, 306-317.	0.1	0
8	The Nutrient Content, Growth, Yield, and Yield Attribute Traits of Rice (<i>Oryza sativa</i> L.) Genotypes as Influenced by Organic Fertilizer in Malaysia. <i>Sustainability</i> , 2022, 14, 5692.	1.6	1
9	Combining ability and gene action for yield improvement in kenaf (<i>Hibiscus cannabinus</i> L.) under tropical conditions through diallel mating design. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
10	The relationship between soil characteristics and the nutrient status in roots of mangrove (<i>Rhizophora apiculata</i>) trees. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	0
11	Characteristics of Interspecific Hybridization and Inbred Progeny of Pumpkin (<i>Cucurbita moschata</i>) Tj ETQq1 1 0.784314 rgBT ₃ /Overlock 10 Tf 50 622 T	1.2	3
12	Superabsorbent Polymer Hydrogels for Sustainable Agriculture: A Review. <i>Horticulturae</i> , 2022, 8, 605.	1.2	70
13	Improvement of important economic traits in chilli through heterosis breeding: a review. <i>Journal of Horticultural Science and Biotechnology</i> , 2021, 96, 14-23.	0.9	15
14	Assessment of Oil Palm Pollinating Weevil (<i>Elaeidobius kamerunicus</i>) Population Density in Biparental dura Å— pisifera Hybrids on Deep Peat-Soil in Perak State, Malaysia. <i>Insects</i> , 2021, 12, 221.	1.0	4
15	Character Interrelationships and Path Analysis for Yield Components in MPOB-Senegal Oil Palm Germplasm. <i>Sains Malaysiana</i> , 2021, 50, 699-709.	0.3	4
16	Genetic analysis and selection of Bambara groundnut (<i>Vigna subterranea</i> [L.] Verdc.) landraces for high yield revealed by qualitative and quantitative traits. <i>Scientific Reports</i> , 2021, 11, 7597.	1.6	25
17	Integrating Multivariate and Univariate Statistical Models to Investigate Genotypeâ€“Environment Interaction of Advanced Fragrant Rice Genotypes under Rainfed Condition. <i>Sustainability</i> , 2021, 13, 4555.	1.6	14
18	Evaluation of Inherited Resistance Genes of Bacterial Leaf Blight, Blast and Drought Tolerance in Improved Rice Lines. <i>Rice Science</i> , 2021, 28, 279-288.	1.7	4

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19	Genetic Diversity Assessment of MPOB-Senegal Oil Palm Germplasm Using Microsatellite Markers. <i>BioMed Research International</i> , 2021, 2021, 1-14.	0.9	4
20	Ageing Effects, Generation Means, and Path Coefficient Analyses on High Kernel Elongation in Mahsuri Mutan and Basmati 370 Rice Populations. <i>BioMed Research International</i> , 2021, 2021, 1-20.	0.9	4
21	Bambara Groundnut (<i>Vigna subterranea</i> L. Verdc): A Crop for the New Millennium, Its Genetic Diversity, and Improvements to Mitigate Future Food and Nutritional Challenges. <i>Sustainability</i> , 2021, 13, 5530.	1.6	34
22	Genetic variability and association of characters in the 1995 RRIM Hevea germplasm core collection for yield improvement. <i>Journal of Rubber Research (Kuala Lumpur, Malaysia)</i> , 2021, 24, 415.	0.4	1
23	DNA fingerprinting, fixation-index (Fst), and admixture mapping of selected Bambara groundnut (<i>Vigna</i>) Tj ETQq1 1.0.784314 rgBT /Overlock	1.6	21
24	Oil Palm Inflorescence Sex Ratio and Fruit Set Assessment in dura \times pisifera Biparental Progenies on Fibric Peat Soil. <i>Agronomy</i> , 2021, 11, 1380.	1.3	3
25	Genetic Analysis and Selection Criteria in Bambara Groundnut Accessions Based Yield Performance. <i>Agronomy</i> , 2021, 11, 1634.	1.3	6
26	Genetic Diversity and Utilization of Cultivated Eggplant Germplasm in Varietal Improvement. <i>Plants</i> , 2021, 10, 1714.	1.6	11
27	Advanced Breeding Strategies and Future Perspectives of Salinity Tolerance in Rice. <i>Agronomy</i> , 2021, 11, 1631.	1.3	24
28	The Potential of Silicon in Improving Rice Yield, Grain Quality, and Minimising Chalkiness: A Review. <i>Pertanika Journal of Science and Technology</i> , 2021, 44, .	0.1	1
29	Effect of Organic and Inorganic Fertilizer on the Growth and Yield Components of Traditional and Improved Rice (<i>Oryza sativa</i> L.) Genotypes in Malaysia. <i>Agronomy</i> , 2021, 11, 1830.	1.3	12
30	Influence of Wild Relative Rootstocks on Eggplant Growth, Yield and Fruit Physicochemical Properties under Open Field Conditions. <i>Agriculture (Switzerland)</i> , 2021, 11, 943.	1.4	4
31	Allelopathic Effect of Selected Rice (<i>Oryza sativa</i>) Varieties against Barnyard Grass (<i>Echinochloa</i>) Tj ETQq1 1.0.784314 rgBT /Overlock	1.6	6
32	Half Diallel Analysis for Biochemical and Morphological Traits in Cultivated Eggplants (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.3	5
33	Pumpkin (<i>Cucurbita</i> spp.): A Crop to Mitigate Food and Nutritional Challenges. <i>Horticulturae</i> , 2021, 7, 352.	1.2	16
34	Genetic diversity in eggplant (<i>Solanum melongena</i> L.) germplasm from three secondary geographical origins of diversity using SSR markers. <i>Biocell</i> , 2021, 45, 1393-1401.	0.4	6
35	Determination of lethal (LD) and growth reduction (GR)doses on acute and chronic gamma- irradiated Bambara groundnut [<i>Vigna subterranea</i> (L.) Verdc.]varieties. <i>Journal of Radiation Research and Applied Sciences</i> , 2021, 14, 133-145.	0.7	8
36	Recent Advances in Rice Varietal Development for Durable Resistance to Biotic and Abiotic Stresses through Marker-Assisted Gene Pyramiding. <i>Sustainability</i> , 2021, 13, 10806.	1.6	8

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37	Current and Prospective Strategies in the Varietal Improvement of Chilli (<i>Capsicum annum</i> L.) Specially Heterosis Breeding. <i>Agronomy</i> , 2021, 11, 2217.	1.3	19
38	Study on Yield Variability in Oil Palm Progenies and Their Genetic Origins. <i>Biology and Life Sciences Forum</i> , 2021, 4, 68.	0.6	1
39	AMMI and GGE biplot analysis for yield performance and stability assessment of selected Bambara groundnut (<i>Vigna subterranea</i> L. Verdc.) genotypes under the multi-environmental trials (METs). <i>Scientific Reports</i> , 2021, 11, 22791.	1.6	43
40	<i>Bacillus tequilensis</i> strain "UPMRB9"™ improves biochemical attributes and nutrient accumulation in different rice varieties under salinity stress. <i>PLoS ONE</i> , 2021, 16, e0260869.	1.1	16
41	Molecular confirmation of candidate Hsp70 gene associated with heat tolerance in BC ₃ F ₂ advanced backcross lines and their phenotypic resemblance with recurrent chilli Kulai. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2020, 70, 252-264.	0.3	0
42	Core collection of <i>Hevea brasiliensis</i> from the 1995 RRIM Hevea germplasm for effective utilisation in the rubber breeding programme. <i>Journal of Rubber Research (Kuala Lumpur, Malaysia)</i> , 2020, 23, 33-40.	0.4	4
43	Recent Strategies for Detection and Improvement of Brown Planthopper Resistance Genes in Rice: A Review. <i>Plants</i> , 2020, 9, 1202.	1.6	13
44	Effect of Salt-Tolerant Bacterial Inoculations on Rice Seedlings Differing in Salt-Tolerance under Saline Soil Conditions. <i>Agronomy</i> , 2020, 10, 1030.	1.3	36
45	Influence of Parental Dura and Pisifera Genetic Origins on Oil Palm Fruit Set Ratio and Yield Components in Their D × P Progenies. <i>Agronomy</i> , 2020, 10, 1793.	1.3	12
46	Effects of Grafting on Morphophysiological and Yield Characteristic of Eggplant (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	1.6	16
47	Assessment of Agro-Morphologic Performance, Genetic Parameters and Clustering Pattern of Newly Developed Blast Resistant Rice Lines Tested in Four Environments. <i>Agronomy</i> , 2020, 10, 1098.	1.3	28
48	Genetic analysis of microsatellites associated with resistance against bacterial leaf blight and blast diseases of rice (<i>Oryza sativa</i> L.). <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 898-904.	0.5	8
49	Effects of post-harvest hot water treatments on the fungi contamination, physiology and quality of rock melon fruit. <i>Australian Journal of Crop Science</i> , 2020, , 1081-1087.	0.1	2
50	Characterization of salt-tolerant plant growth-promoting rhizobacteria and the effect on growth and yield of saline-affected rice. <i>PLoS ONE</i> , 2020, 15, e0238537.	1.1	70
51	Genetic diversity and variability among pigmented rice germplasm using molecular marker and morphological traits. <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 747-762.	0.5	29
52	Effect of Temperature, Water Activity and Carbon Dioxide on Fungal Growth and Mycotoxin Production of Acclimatised Isolates of <i>Fusarium verticillioides</i> and <i>F. graminearum</i> . <i>Toxins</i> , 2020, 12, 478.	1.5	47
53	Recovery of Recurrent Parent Genome in a Marker-Assisted Backcrossing Against Rice Blast and Blight Infections Using Functional Markers and SSRs. <i>Plants</i> , 2020, 9, 1411.	1.6	13
54	Exploration of Bambara Groundnut (<i>Vigna subterranea</i> (L.) Verdc.), an Underutilized Crop, to Aid Global Food Security: Varietal Improvement, Genetic Diversity and Processing. <i>Agronomy</i> , 2020, 10, 766.	1.3	36

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55	Submergence Tolerance in Rice: Review of Mechanism, Breeding and, Future Prospects. Sustainability, 2020, 12, 1632.	1.6	49
56	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.	1.3	24
57	Genetic Variability of Eggplant Germplasm Evaluated under Open Field and Glasshouse Cropping Conditions. Agronomy, 2020, 10, 436.	1.3	25
58	Genetic Improvement of Oil Palm Through Recurrent Selection. Compendium of Plant Genomes, 2020, , 35-46.	0.3	4
59	Genetic Variability, Heritability, and Clustering Pattern Exploration of Bambara Groundnut (<i>Vigna</i>) Tj ETQq1 1 0.784314 rgBT /Overlook International, 2020, 2020, 1-31.	0.9	30
60	Segregation analysis for bacterial leaf blight disease resistance genes in rice ‘MR219’ using SSR marker. Chilean Journal of Agricultural Research, 2020, 80, 227-233.	0.4	7
61	Development of anthracnose disease resistance and heat tolerance chili through conventional breeding and molecular approaches: a review. Biocell, 2020, 44, 269-278.	0.4	4
62	Molecular Evolution and Genetic Diversity of Oil Palm Based on Sequencing and Analysis with Molecular Markers. Compendium of Plant Genomes, 2020, , 117-129.	0.3	0
63	Genetic diversity analysis of selected <i>Capsicum annum</i> genotypes based on morphophysiological, yield characteristics and their biochemical properties. Journal of the Science of Food and Agriculture, 2019, 99, 269-280.	1.7	15
64	Molecular insights into the regulation of rice kernel elongation. Critical Reviews in Biotechnology, 2019, 39, 904-923.	5.1	9
65	Drought Resistance in Rice from Conventional to Molecular Breeding: A Review. International Journal of Molecular Sciences, 2019, 20, 3519.	1.8	157
66	Genetic diversity and selection criteria of MPOB-Senegal oil palm (<i>Elaeis guineensis</i> Jacq.) germplasm by quantitative traits. Industrial Crops and Products, 2019, 139, 111558.	2.5	19
67	Novel SNPs in the SPAG11 gene and association with testicular biometric variables in Boer goats and application of the levelled-container technique. Animal Reproduction Science, 2019, 208, 106113.	0.5	1
68	Adaptation of the metabolomics profile of rice after <i>Pyricularia oryzae</i> infection. Plant Physiology and Biochemistry, 2019, 144, 466-479.	2.8	14
69	Association analysis of rice grain traits with single nucleotide polymorphisms in a Brassinosteroid-insensitive 1 (BRI1)-associated receptor kinase 1-like gene. Plant Gene, 2019, 19, 100188.	1.4	1
70	Optimum levels of N, P, and K nutrition for oil palm seedlings grown in tropical peat soil. Journal of Plant Nutrition, 2019, 42, 1461-1471.	0.9	3
71	Genetic Diversity of Torch Ginger (<i>Etlingera elatior</i>) Germplasm Revealed by ISSR and SSR Markers. BioMed Research International, 2019, 2019, 1-14.	0.9	23
72	Marker-assisted selection and gene pyramiding for resistance to bacterial leaf blight disease of rice (<i>Oryza sativa</i> L.). Biotechnology and Biotechnological Equipment, 2019, 33, 440-455.	0.5	47

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73	De novo assembly of transcriptomes, mining, and development of novel EST-SSR markers in <i>Curcuma alismatifolia</i> (Zingiberaceae family) through Illumina sequencing. <i>Scientific Reports</i> , 2019, 9, 3047.	1.6	61
74	<i>LEA</i> Gene Expression Assessment in Advanced Mutant Rice Genotypes under Drought Stress. <i>International Journal of Genomics</i> , 2019, 2019, 1-8.	0.8	12
75	Bacterial leaf blight resistance in rice: a review of conventional breeding to molecular approach. <i>Molecular Biology Reports</i> , 2019, 46, 1519-1532.	1.0	107
76	Morphophysiological and yield attributes of groundnut varieties under different salinity stress conditions. <i>Legume Research</i> , 2019, , .	0.0	1
77	Contribution of transposable elements in the plant's genome. <i>Gene</i> , 2018, 665, 155-166.	1.0	57
78	Inoculation of oil palm seedlings in Malaysia with white-rot hymenomycetes: Assessment of pathogenicity and vegetative growth. <i>Crop Protection</i> , 2018, 110, 146-154.	1.0	17
79	Intelligent mining of large-scale bio-data: Bioinformatics applications. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 10-29.	0.5	29
80	Introgression of heat shock protein (Hsp70 and sHsp) genes into the Malaysian elite chilli variety Kulai (<i>Capsicum annum L.</i>) through the application of marker-assisted backcrossing (MAB). <i>Cell Stress and Chaperones</i> , 2018, 23, 223-234.	1.2	23
81	Genetic Diversity of the 1995 RRIM Hevea Germplasm Collection for Utilisation in the Rubber Breeding Programme. <i>Journal of Rubber Research (Kuala Lumpur, Malaysia)</i> , 2018, 21, 153-164.	0.4	7
82	Growth Performance and Antioxidant Enzyme Activities of Advanced Mutant Rice Genotypes under Drought Stress Condition. <i>Agronomy</i> , 2018, 8, 279.	1.3	27
83	Genetic analysis of the resistance to rice blast in the BC2F1 population derived from MR263—Pongsu Seribu 1. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 1134-1140.	0.5	3
84	Potential allelopathic effects of rice plant aqueous extracts on germination and seedling growth of some rice field common weeds. <i>Italian Journal of Agronomy</i> , 2018, , 134-140.	0.4	12
85	Breeding for Anthracnose Disease Resistance in Chili: Progress and Prospects. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3122.	1.8	39
86	Genotypic and Phenotypic Relationship among Yield Components in Rice under Tropical Conditions. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	49
87	Genetic Diversity of Aromatic Rice Germplasm Revealed By SSR Markers. <i>BioMed Research International</i> , 2018, 2018, 1-11.	0.9	70
88	Relationship between High Temperature and Formation of Chalkiness and Their Effects on Quality of Rice. <i>BioMed Research International</i> , 2018, 2018, 1-18.	0.9	62
89	Critical multifunctional role of the <i>betaine aldehyde dehydrogenase</i> gene in plants. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 815-829.	0.5	26
90	Antioxidant Enzyme Activities and Secondary Metabolite Profiling of Oil Palm Seedlings Treated with Combination of NPK Fertilizers Infected with <i>Ganoderma boninense</i> . <i>BioMed Research International</i> , 2018, 2018, 1-18.	0.9	6

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91	Botany, Chemistry, and Pharmaceutical Significance of <i>Sida cordifolia</i> : A Traditional Medicinal Plant. , 2018, , 517-537.		6
92	Mining and Development of Novel SSR Markers Using Next Generation Sequencing (NGS) Data in Plants. <i>Molecules</i> , 2018, 23, 399.	1.7	141
93	Improvement of Drought Tolerance in Rice (<i>Oryza sativa</i> L.): Genetics, Genomic Tools, and the WRKY Gene Family. <i>BioMed Research International</i> , 2018, 2018, 1-20.	0.9	111
94	Weed Competitiveness of some Aerobic Rice Genotypes. <i>International Journal of Agriculture and Biology</i> , 2018, 20, 583-593.	0.2	1
95	Evaluation of selected rice accessions for allelopathic potential against Barnyard grass. <i>Allelopathy Journal</i> , 2018, 43, 159-174.	0.2	2
96	Genetic diversity in traditional and modern allelopathic rice accessions revealed by Minisatellite markers. <i>Allelopathy Journal</i> , 2018, 44, 149-162.	0.2	0
97	Genotypic character relationship and phenotypic path coefficient analysis in chili pepper genotypes grown under tropical condition. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 1164-1171.	1.7	19
98	Evaluation of RNA extraction methods in rice and their application in expression analysis of resistance genes against <i>Magnaporthe oryzae</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2017, 31, 75-84.	0.5	6
99	Genotype × Environment interaction and stability analyses of yield and yield components of established and mutant rice genotypes tested in multiple locations in Malaysia. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2017, 67, 590-606.	0.3	41
100	Development of advanced fragrant rice lines from MR269 × Basmati 370 through marker-assisted backcrossing. <i>Euphytica</i> , 2017, 213, 1.	0.6	17
101	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.	5.1	14
102	Mapping of QTLs conferring resistance in rice to brown planthopper, <i>Nilaparvata lugens</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2017, 162, 60-68.	0.7	4
103	Investigating the effect of white-rot hymenomycetes biodegradation on basal stem rot infected oil palm wood blocks: Biochemical and anatomical characterization. <i>Industrial Crops and Products</i> , 2017, 108, 872-882.	2.5	23
104	Breeding of high yielding and dwarf oil palm planting materials using Deli dura × Nigerian pisifera population. <i>Euphytica</i> , 2017, 213, 1.	0.6	10
105	Molecular analysis of Hsp70 mechanisms in plants and their function in response to stress. <i>Biotechnology and Genetic Engineering Reviews</i> , 2017, 33, 26-39.	2.4	99
106	In vitro antioxidant and α -glucosidase inhibitory activities and comprehensive metabolite profiling of methanol extract and its fractions from <i>Clinacanthus nutans</i> . <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 181.	3.7	31
107	Marker-assisted introgression of broad-spectrum blast resistance genes into the cultivated MR219 rice variety. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2810-2818.	1.7	24
108	Potential Genotypes of the 1995 RRIM Hevea Germplasm Collection for Future Rubber Breeding and Selection Programme. <i>Journal of Rubber Research (Kuala Lumpur, Malaysia)</i> , 2017, 20, 242-260.	0.4	7

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109	Screening and Expression of a Silicon Transporter Gene(Lsi1)in Wild-Type Indica Rice Cultivars. BioMed Research International, 2017, 2017, 1-13.	0.9	14
110	Genetic analysis and identification of SSR markers associated with rice blast disease in a BC ₂ F ₁ backcross population. Genetics and Molecular Research, 2017, 16, .	0.3	5
111	Yield and Bunch Quality Component Comparison between Two-Way Crosses and Multi-Way Crosses of DxP Oil Palm Progenies. Sains Malaysiana, 2017, 46, 1587-1595.	0.3	3
112	Analysis of Simple Sequence Repeat Markers Linked to Submergence Tolerance on Newly Developed Rice Lines Derived from MR263 Å— Swarna-Sub1. Sains Malaysiana, 2017, 46, 521-528.	0.3	4
113	Toward understanding of rice innate immunity against <i>Magnaporthe oryzae</i> . Critical Reviews in Biotechnology, 2016, 36, 165-174.	5.1	24
114	Molecular progress on the mapping and cloning of functional genes for blast disease in rice (<i>Oryza sativa</i> L.): current status and future considerations. Critical Reviews in Biotechnology, 2016, 36, 353-367.	5.1	65
115	Advances to improve the eating and cooking qualities of rice by marker-assisted breeding. Critical Reviews in Biotechnology, 2016, 36, 87-98.	5.1	36
116	Gene flow from Clearfield® rice to weedy rice under field conditions. Plant, Soil and Environment, 2016, 62, 16-22.	1.0	23
117	Fermentation Quality and Additives: A Case of Rice Straw Silage. BioMed Research International, 2016, 2016, 1-14.	0.9	83
118	Over-Expression of the Pikh Gene with a CaMV 35S Promoter Leads to Improved Blast Disease (<i>Magnaporthe oryzae</i>) Tolerance in Rice. Frontiers in Plant Science, 2016, 7, 773.	1.7	10
119	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.	0.5	11
120	Introgression of blast resistance genes into the elite rice variety MR263 through marker-assisted backcrossing. Journal of the Science of Food and Agriculture, 2016, 96, 1297-1305.	1.7	16
121	Morphological and molecular characterization of fungal pathogen, <i>Magnaporthe oryzae</i> . AIP Conference Proceedings, 2016, .	0.3	2
122	Characterisation of globally diverse blast-resistant upland rice (<i>Oryza sativa</i> L.) germplasms based on morpho-physiological and yield attributes. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2016, 66, 417-431.	0.3	1
123	Oil palm (<i>Elaeis guineensis</i>) seed dormancy type and germination pattern. Seed Science and Technology, 2016, 44, 15-26.	0.6	6
124	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.	0.6	17
125	Molecular markers: a potential resource for ginger genetic diversity studies. Molecular Biology Reports, 2016, 43, 1347-1358.	1.0	30
126	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.	2.5	12

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127	Generation mean analysis of grain quality traits in selected rice populations derived from different amylose characteristics. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1593-1600.	1.7	5
128	Principle and application of plant mutagenesis in crop improvement: a review. <i>Biotechnology and Biotechnological Equipment</i> , 2016, 30, 1-16.	0.5	373
129	Seed germination and seedling growth of hexaploid wheat (<i>Triticum aestivum</i> L.) varieties as influenced by different levels of sodium chloride. <i>Research on Crops</i> , 2016, 17, 445.	0.1	0
130	Effect of botanicals and biofungicide on controlling tikka disease (<i>Cercospora</i> sp.) of groundnut (<i>Arachis hypogea</i>) Tj ETQq0 0 0 qBT /Overdock 10 Tf		
131	Effect of times and levels of inoculum of <i>Trichoderma</i> for controlling root rot and collar rot of lentil. <i>Legume Research</i> , 2016, 39, .	0.0	1
132	Determination of optimum levels of nitrogen, phosphorus and potassium of oil palm seedlings in solution culture. <i>Bragantia</i> , 2015, 74, 247-254.	1.3	32
133	Marker-assisted selection for rice brown planthopper (<i>Nilaparvata lugens</i>) resistance using linked SSR markers. <i>Turkish Journal of Biology</i> , 2015, 39, 666-673.	2.1	15
134	Study of genetic variation of eggplant cultivars by using RAPD-PCR molecular markers and the relationship with Phomopsis blight disease reaction. <i>Genetics and Molecular Research</i> , 2015, 14, 17007-17018.	0.3	4
135	PERFORMANCE OF YIELD AND YIELD CONTRIBUTING CHARACTERISTICS OF BC2F3 POPULATION WITH ADDITION OF BLAST RESISTANT GENE. <i>Ciencia E Agrotecnologia</i> , 2015, 39, 463-476.	1.5	7
136	Agro-ecological variations of sheath rot disease of rice caused by <i>Sarocladium oryzae</i> and DNA fingerprinting of the pathogen's population structure. <i>Genetics and Molecular Research</i> , 2015, 14, 18140-18152.	0.3	5
137	Inheritance patterns and identification of microsatellite markers linked to the rice blast resistance in BC2F1 population of rice breeding. <i>Bragantia</i> , 2015, 74, 33-41.	1.3	4
138	Application of an Effective Statistical Technique for an Accurate and Powerful Mining of Quantitative Trait Loci for Rice Aroma Trait. <i>PLoS ONE</i> , 2015, 10, e0129069.	1.1	4
139	Review of functional markers for improving cooking, eating, and the nutritional qualities of rice. <i>Frontiers in Plant Science</i> , 2015, 6, 832.	1.7	38
140	Molecular Breeding Strategy and Challenges Towards Improvement of Blast Disease Resistance in Rice Crop. <i>Frontiers in Plant Science</i> , 2015, 6, 886.	1.7	114
141	Introgression of Blast Resistance Genes (Putative Pi-b and Pi-kh) into Elite Rice Cultivar MR219 through Marker-Assisted Selection. <i>Frontiers in Plant Science</i> , 2015, 6, 1002.	1.7	30
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160	Effects of salinity and salinity-induced augmented bioactive compounds in purslane (<i>Portulaca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	4.2	79
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