

Prakash Muthu Arjuna Samy

List of Publications by Year in descending order

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41
papers

282
citations

1307366

7
h-index

940416

16
g-index

41
all docs

41
docs citations

41
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotypic Variation and Relationships between Quality Traits and Trace Elements in Traditional and Improved Rice (<i>Oryza sativa</i> L.) Genotypes. <i>Journal of Food Science</i> , 2011, 76, H122-30.	1.5	93
2	Identification of mega-environments and rice genotypes for general and specific adaptation to saline and alkaline stresses in India. <i>Scientific Reports</i> , 2017, 7, 7968.	1.6	46
3	Light Emitting Diodes (LEDs) as Agricultural Lighting: Impact and Its Potential on Improving Physiology, Flowering, and Secondary Metabolites of Crops. <i>Sustainability</i> , 2021, 13, 1985.	1.6	43
4	Effects of Moisture Stress and Anti-transpirants on Leaf Chlorophyll. <i>Journal of Agronomy and Crop Science</i> , 2000, 184, 153-156.	1.7	17
5	Internode elongation pattern and differential response of rice genotypes to varying levels of flood water. <i>Functional Plant Biology</i> , 2012, 39, 137.	1.1	13
6	Efficient invitro plant regeneration from cotyledon-derived callus cultures of sesame (<i>Sesamum</i>) African Journal of Botany, 2018, 119, 244-251.	1.2	11
7	Breeding for Salinity Tolerance in Mungbean. <i>APCBEE Procedia</i> , 2012, 4, 30-35.	0.5	10
8	Additive main effects and multiplicative interaction analyses of yield performance in rice genotypes for general and specific adaptation to salt stress in locations in India. <i>Euphytica</i> , 2021, 217, 1.	0.6	10
9	Effects of Chemical Ameliorants on Stomatal Frequency and Water Relations in Brinjal (<i>Solanum</i>) <i>Euphytica</i> , 2021, 217, 1.	1.7	9
10	Comparison of Methods for Genomic Deoxyribonucleic Acid (DNA) Extraction Suitable for Whole-Genome Genotyping in Traditional Varieties of Rice. <i>Agricultural Science Digest</i> , 2019, 39, .	0.0	5
11	Efficient plant regeneration and histological evaluations of regenerants through organogenesis and somatic embryogenesis in <i>Spermacoce hispida</i> L. An underutilized medicinally important plant. <i>Industrial Crops and Products</i> , 2019, 134, 292-302.	2.5	4
12	Haplotype and diversity analysis of indigenous rice for salinity tolerance in early-stage seedling using simple sequence repeat markers. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 31, e00666.	2.1	3
13	Evaluation of blackgram genotypes for drought tolerance based on root dynamics and gas exchange parameters. <i>Legume Research</i> , 2017, , .	0.0	3
14	Effect of fly ash seed pelleting on growth, photosynthesis and yield in rice under aerobic condition. <i>Indian Journal of Agricultural Research</i> , 2014, 48, 465.	0.0	2
15	Influence of seed hardening cum foliar spray treatments on biometric, physiological and yield parameters in black gram under dry land condition. <i>Agricultural Science Digest</i> , 2015, 35, 1.	0.0	2
16	Flyash seed pelleting enhances growth and yield in bhendi [<i>Abelmoschus esculentus</i> (L.) Moench]. <i>Agricultural Science Digest</i> , 2014, 34, 49.	0.0	1
17	Effect of flyash application on photosynthesis, growth and [yield of sesame <i>Sesamum indicum</i> L.]. <i>Indian Journal of Agricultural Research</i> , 2014, 48, 105.	0.0	1
18	Seed germination and seedling growth of rice varieties as affected by flooding stress. <i>Indian Journal of Agricultural Research</i> , 2016, 50, .	0.0	1

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19	Screening for drought tolerance in mungbean. Legume Research, 2015, , .	0.0	1
20	Genetic studies on biometric, biochemical, biophysical and morpho-physiological traits in mungbean [Vigna radiata(L.) Wilczek]. Legume Research, 2015, 38, 457.	0.0	1
21	Ameliorative Role of Silicon on Osmoprotectants, Antioxidant Enzymes and Growth of Maize Grown Under Alkaline Stress. Silicon, 0, , 1.	1.8	1
22	Influence of seed hardening treatments on growth, gas exchange and yield parameters in black gram under drought condition. Legume Research, 2015, , .	0.0	1
23	Effect of organic seed pelleting on seedling quality, gas exchange, growth, yield and resultant seed quality parameters of black gram. Legume Research, 2018, , .	0.0	1
24	Effect of organic seed pelleting on biometric, biophysical and yield parameters of clusterbean under saline condition. Legume Research, 2019, , .	0.0	1
25	An efficient protocol for rapid plant regeneration from deembryonated cotyledons of black gram [Vigna mungo (L.) Hepper]. Indian Journal of Agricultural Research, 2019, , .	0.0	1
26	Effect of Seed Hardening and Pelleting on Germination and Seedling Attributes of Cowpea under Saline Condition. Legume Research, 2020, , .	0.0	1
27	Effect of Antitranspirants on Leaf Temperature Transpiration Rate and Diffusive Resistance in Brinjal Plants. Journal of Agronomy and Crop Science, 1992, 169, 247-249.	1.7	0
28	Molecular Characterization, Morphophysiological and Biochemical Evaluation of F2 and F3 Generation of MAS 946-1 x ADT 43 Under Aerobic Condition. APCBEE Procedia, 2012, 4, 22-29.	0.5	0
29	Influence of physical seed enhancement techniques on storability of groundnut Kernals (Arachis) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.0	0
30	Cumulative Effect of Botanical Seed Pelleting and Foliar Spray on Morpho Physiological, Leaf Chlorophyll, Gas Exchange and Yield Parameters in Black gram. Legume Research, 2021, , .	0.0	0
31	Heterotic expression in inbreds derived from four different base populations in maize (Zea mays L).. Horticultural Biotechnology Research, 0, , 10-15.	0.5	0
32	Standardization of flyash for seed pelleting in sesame. Agricultural Science Digest, 2015, 35, 187.	0.0	0
33	Techniques to enhance storage potential of jatropha (<italic>Jatropha curcas</italic> L) seeds. Indian Journal of Agricultural Research, 2015, 49, .	0.0	0
34	Studies on correlation in brinjal varieties in M3 generation. International Journal Plant Sciences, 2017, 12, 72-78.	0.0	0
35	Effect of drought and saline stress on seed quality. International Journal Plant Sciences, 2017, 12, 314-320.	0.0	0
36	Effect of integrated seed treatments on growth, seed yield and quality parameters in black gram [Vigna mungo (L.) Hepper]. Indian Journal of Agricultural Research, 2017, , .	0.0	0

#	ARTICLE	IF	CITATIONS
37	Multivariate Analysis of Sesame Genotypes under Induced Drought Conditions. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 4062-4070.	0.0	0
38	Multivariate analysis of sesame genotypes under saline stress. Indian Journal of Agricultural Research, 2018, , .	0.0	0
39	Effect of seed pelleting with botanicals on germination and seedling growth of clusterbean under induced saline condition. Legume Research, 2019, , .	0.0	0
40	Influence of fly ash seed pelleting on root rhizosphere populations of black gram and green gram. Indian Journal of Agricultural Research, 2019, , .	0.0	0
41			