Vadivel Arunachalam

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/348482/publications.pdf

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36	339	933447	888059
papers	citations	10 h-index	17 g-index

37	37	37	305
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimization of energy consumption and environmental impacts of arecanut production through coupled data envelopment analysis and life cycle assessment. Journal of Cleaner Production, 2018, 203, 674-684.	9.3	69
2	Genetic survey of 10 Indian coconut landraces by simple sequence repeats (SSRs). Scientia Horticulturae, 2008, 118, 282-287.	3.6	28
3	Mining for single nucleotide polymorphisms and insertions / deletions in expressed sequence tag libraries of oil palm. Bioinformation, 2007, 2, 128-131.	0.5	25
4	Enhancing ecosystem services and energy use efficiency under organic and conventional nutrient management system to a sustainable arecanut based cropping system. Energy, 2019, 187, 115902.	8.8	21
5	Integrated farming system approaches to achieve food and nutritional security for enhancing profitability, employment, and climate resilience in India. Food and Energy Security, 2022, 11, .	4.3	20
6	Impact of sustainable landâ€use management practices on soil carbon storage and soil quality in Goa State, India. Land Degradation and Development, 2022, 33, 28-40.	3.9	19
7	Assessment of Sustainability and Priorities for Development of Indian West Coast Region: An Application of Sustainable Livelihood Security Indicators. Sustainability, 2020, 12, 8716.	3.2	15
8	Phenotypic Diversity of Foliar Traits in Coconut Germplasm*. Genetic Resources and Crop Evolution, 2005, 52, 1031-1037.	1.6	14
9	Tools, resources and databases for SNPs and indels in sequences: a review. International Journal of Bioinformatics Research and Applications, 2014, 10, 264.	0.2	14
10	Coconut Genetic Diversity, Conservation and Utilization. Sustainable Development and Biodiversity, 2017, , 3-36.	1.7	13
11	Comparative evaluation of linear and nonlinear weather-based models for coconut yield prediction in the west coast of India. International Journal of Biometeorology, 2020, 64, 1111-1123.	3.0	12
12	Breeding of coconut palm (Cocos nucifera L.).. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-12.	1.0	11
13	In Silico RAPD Priming Sites in Expressed Sequences and iSCAR Markers for Oil Palm. Comparative and Functional Genomics, 2012, 2012, 1-5.	2.0	9
14	Foliar traits of jasmine plants intercropped in coconut. Agroforestry Systems, 2007, 71, 19-23.	2.0	7
15	Mining of expressed sequence tag libraries of cacao for microsatellite markers using five computational tools. Journal of Genetics, 2009, 88, 217-225.	0.7	7
16	Microsatellites mining in date palm (Phoenix dactylifera L.) and their cross transferability across Arecaceae family. Plant OMICS, 2016, 9, 191-197.	0.4	7
17	Farmersâ€™ Perception and Efficacy of Adaptation Decisions to Climate Change. Agronomy, 2022, 12, 1023.	3.0	7
18	Simulating soil organic carbon stock under different climate change scenarios: A RothC model application to typical land-use systems of Goa, India. Catena, 2022, 213, 106129.	5.0	6

#	Article	IF	Citations
19	Morinda citrifolia L. (Rubiaceae): a multi-purpose tree for coastal ecosystems and its variability in Konkan region of India. Genetic Resources and Crop Evolution, 2018, 65, 1751-1765.	1.6	5
20	Mining of simple sequence repeats in the Genome of Gentianaceae. Pharmacognosy Research (discontinued), 2011, 3, 19.	0.6	4
21	Pigment Rich Amaranth by Tri-Stimulus Colorimetry and Progeny Test. The National Academy of Sciences, India, 2016, 39, 411-415.	1.3	4
22	Computational identification and analysis of single-nucleotide polymorphisms and insertions/deletions in expressed sequence tag data of Eucalyptus. Journal of Genetics, 2013, 92, 34-38.	0.7	3
23	Tapping the potential of vegetable Amaranth genotype to trap the root knot nematode pest. Scientia Horticulturae, 2018, 230, 18-24.	3.6	3
24	Agro-biodiversity and ethnobotany of Lakshadweep Islands of India. Genetic Resources and Crop Evolution, 2018, 65, 2083-2094.	1.6	3
25	Coconut. , 2012, , 13-27.		2
26	Quick Method to Quantify the Potassium and Sodium Content Variation in Leaves of Banana Varieties. Analytical Sciences, 2020, 36, 1255-1260.	1.6	2
27	Foliar Traits in Papaya Plants Intercropped in Coconut. The National Academy of Sciences, India, 2021, 44, 267-270.	1.3	2
28	Genomic Designing of Climate-Smart Coconut. , 2020, , 135-156.		2
29	Quantification of betacyanin content variation of amaranth varieties by an Android App, colorimeter, and infrared spectroscopy. Chinese Journal of Analytical Chemistry, 2022, 50, 100145.	1.7	2
30	EDIBLE LEAVES OF JALPAIGURI DISTRICT OF WEST BENGAL, INDIA. Acta Horticulturae, 2007, , 563-570.	0.2	1
31	Database of predicted SCAR markers in five fruit and three vegetable crops. Journal of Genetics, 2016, 95, 171-175.	0.7	0
32	Palms in an â€˜Omicsâ€™ Era. Compendium of Plant Genomes, 2021, , 103-118.	0.5	0
33	Quick Identification of Banana Varieties by Minimal Qualitative Descriptor Traits. The National Academy of Sciences, India, 0, , 1.	1.3	0
34	MINING OF EXPRESSED SEQUENCE TAG (EST) LIBRARIES AND CORE NUCLEOTIDE SEQUENCES FOR SIMPLE SEQUENCE REPEATS (SSR) IN PAPAYA. Acta Horticulturae, 2010, , 197-200.	0.2	0
35	Computational genomics of plants.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-9.	1.0	0
36	Microclimatic studies in a double-span greenhouse under wind driven and fan ventilated conditions in west coast of India. Acta Horticulturae, 2020, , 227-234.	0.2	0