

# Vadivel Arunachalam

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

339  
citations

933447

10  
h-index

888059

17  
g-index

37  
all docs

37  
docs citations

37  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of sustainable land-use management practices on soil carbon storage and soil quality in Goa State, India. <i>Land Degradation and Development</i> , 2022, 33, 28-40.	3.9	19
2	Integrated farming system approaches to achieve food and nutritional security for enhancing profitability, employment, and climate resilience in India. <i>Food and Energy Security</i> , 2022, 11, .	4.3	20
3	Simulating soil organic carbon stock under different climate change scenarios: A RothC model application to typical land-use systems of Goa, India. <i>Catena</i> , 2022, 213, 106129.	5.0	6
4	Farmers' Perception and Efficacy of Adaptation Decisions to Climate Change. <i>Agronomy</i> , 2022, 12, 1023.	3.0	7
5	Quantification of betacyanin content variation of amaranth varieties by an Android App, colorimeter, and infrared spectroscopy. <i>Chinese Journal of Analytical Chemistry</i> , 2022, 50, 100145.	1.7	2
6	Palms in an "Omics" Era. <i>Compendium of Plant Genomes</i> , 2021, , 103-118.	0.5	0
7	Foliar Traits in Papaya Plants Intercropped in Coconut. <i>The National Academy of Sciences, India</i> , 2021, 44, 267-270.	1.3	2
8	Assessment of Sustainability and Priorities for Development of Indian West Coast Region: An Application of Sustainable Livelihood Security Indicators. <i>Sustainability</i> , 2020, 12, 8716.	3.2	15
9	Comparative evaluation of linear and nonlinear weather-based models for coconut yield prediction in the west coast of India. <i>International Journal of Biometeorology</i> , 2020, 64, 1111-1123.	3.0	12
10	Quick Method to Quantify the Potassium and Sodium Content Variation in Leaves of Banana Varieties. <i>Analytical Sciences</i> , 2020, 36, 1255-1260.	1.6	2
11	Genomic Designing of Climate-Smart Coconut. , 2020, , 135-156.		2
12	Microclimatic studies in a double-span greenhouse under wind driven and fan ventilated conditions in west coast of India. <i>Acta Horticulturae</i> , 2020, , 227-234.	0.2	0
13	Enhancing ecosystem services and energy use efficiency under organic and conventional nutrient management system to a sustainable arecanut based cropping system. <i>Energy</i> , 2019, 187, 115902.	8.8	21
14	<i>Morinda citrifolia</i> L. (Rubiaceae): a multi-purpose tree for coastal ecosystems and its variability in Konkan region of India. <i>Genetic Resources and Crop Evolution</i> , 2018, 65, 1751-1765.	1.6	5
15	Tapping the potential of vegetable Amaranth genotype to trap the root knot nematode pest. <i>Scientia Horticulturae</i> , 2018, 230, 18-24.	3.6	3
16	Optimization of energy consumption and environmental impacts of arecanut production through coupled data envelopment analysis and life cycle assessment. <i>Journal of Cleaner Production</i> , 2018, 203, 674-684.	9.3	69
17	Agro-biodiversity and ethnobotany of Lakshadweep Islands of India. <i>Genetic Resources and Crop Evolution</i> , 2018, 65, 2083-2094.	1.6	3
18	Coconut Genetic Diversity, Conservation and Utilization. <i>Sustainable Development and Biodiversity</i> , 2017, , 3-36.	1.7	13

#	ARTICLE	IF	CITATIONS
19	Database of predicted SCAR markers in five fruit and three vegetable crops. Journal of Genetics, 2016, 95, 171-175.	0.7	0
20	Pigment Rich Amaranth by Tri-Stimulus Colorimetry and Progeny Test. The National Academy of Sciences, India, 2016, 39, 411-415.	1.3	4
21	Microsatellites mining in date palm ( <i>Phoenix dactylifera</i> L.) and their cross transferability across Arecaceae family. Plant OMICS, 2016, 9, 191-197.	0.4	7
22	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
23	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
24	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
25	Coconut. , 2012, , 13-27.		2
26	Mining of simple sequence repeats in the Genome of Gentianaceae. Pharmacognosy Research (discontinued), 2011, 3, 19.	0.6	4
27	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
28	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
29	Genetic survey of 10 Indian coconut landraces by simple sequence repeats (SSRs). Scientia Horticulturae, 2008, 118, 282-287.	3.6	28
30	EDIBLE LEAVES OF JALPAIGURI DISTRICT OF WEST BENGAL, INDIA. Acta Horticulturae, 2007, , 563-570.	0.2	1
31	Foliar traits of jasmine plants intercropped in coconut. Agroforestry Systems, 2007, 71, 19-23.	2.0	7
32	Mining for single nucleotide polymorphisms and insertions / deletions in expressed sequence tag libraries of oil palm. Bioinformation, 2007, 2, 128-131.	0.5	25
33	Phenotypic Diversity of Foliar Traits in Coconut Germplasm*. Genetic Resources and Crop Evolution, 2005, 52, 1031-1037.	1.6	14
34	Breeding of coconut palm ( <i>Cocos nucifera</i> L).. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-12.	1.0	11
35	Quick Identification of Banana Varieties by Minimal Qualitative Descriptor Traits. The National Academy of Sciences, India, 0, , 1.	1.3	0
36	Computational genomics of plants.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-9.	1.0	0