

S V Ramesh

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

1,561
citations

393982

19
h-index

360668

35
g-index

93
all docs

93
docs citations

93
times ranked

1252
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Applications of Vibrational Spectroscopic Techniques in the Grain Industry. <i>Food Reviews International</i> , 2023, 39, 209-239.	4.3	12
2	Review of <i>Cocos nucifera</i> L. testa-derived phytonutrients with special reference to phenolics and its potential for encapsulation. <i>Journal of Food Science and Technology</i> , 2023, 60, 1-10.	1.4	3
3	Rapid detection of adulteration in desiccated coconut powder: vis-NIR spectroscopy and chemometric approach. <i>Food Control</i> , 2022, 133, 108588.	2.8	31
4	Advanced process analytical tools for identification of adulterants in edible oils – A review. <i>Food Chemistry</i> , 2022, 369, 130898.	4.2	35
5	Conservation and Utilization of Genetic Diversity in Coconut (<i>Cocos nucifera</i> L.)., 2022, , 197-250.		0
6	Central composite design, Pareto analysis, and artificial neural network for modeling of microwave processing parameters for tender coconut water. <i>Measurement Food</i> , 2022, 5, 100015.	0.8	11
7	Thermal treatments reduce rancidity and modulate structural and digestive properties of starch in pearl millet flour. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 207-216.	3.6	18
8	Virgin Coconut Oil (VCO) Ameliorates High Fat Diet (HFD)-Induced Obesity, Dyslipidemia and Bestows Cardiovascular Protection in Rats. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2022, 92, 249-259.	0.4	1
9	Coconut Sugar- a Potential Storehouse of Nutritive Metabolites, Novel Bio-products and Prospects. <i>Sugar Tech</i> , 2022, 24, 841-856.	0.9	8
10	Characterization of root-endophytic actinobacteria from cactus (<i>Opuntia ficus-indica</i>) for plant growth promoting traits. <i>Archives of Microbiology</i> , 2022, 204, 150.	1.0	7
11	Textural Properties of Coconut Meat: Implication on the Design of Fiber Extraction and Coconut Processing Equipment. <i>Journal of Natural Fibers</i> , 2022, 19, 11092-11104.	1.7	2
12	Sensorial, textural and nutritional attributes of coconut sugar and cocoa solids based –bean to bar™ dark chocolate. <i>Journal of Texture Studies</i> , 2022, , .	1.1	2
13	Contemporary Developments and Emerging Trends in the Application of Spectroscopy Techniques: A Particular Reference to Coconut (<i>Cocos nucifera</i> L.). <i>Molecules</i> , 2022, 27, 3250.	1.7	11
14	Season and genotype effect on whole plant water use efficiency of coconut (<i>Cocos nucifera</i> L.) seedlings grown in a hydroponic system. <i>Scientia Horticulturae</i> , 2022, 303, 111198.	1.7	1
15	Quantitative Trait Loci (QTL) and Association Mapping for Major Agronomic Traits. <i>Compendium of Plant Genomes</i> , 2021, , 91-101.	0.3	2
16	Endosperm Oil Biosynthesis: A Case Study for Trait Related Gene Evolution in Coconut. <i>Compendium of Plant Genomes</i> , 2021, , 145-157.	0.3	0
17	Coconut: The Tree of Life-Endless Possibilities. <i>Compendium of Plant Genomes</i> , 2021, , 205-207.	0.3	0
18	Mitochondrial and Chloroplast Genomes. <i>Compendium of Plant Genomes</i> , 2021, , 133-143.	0.3	1

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19	Reaction kinetics of physico-chemical attributes in coconut inflorescence sap during fermentation. <i>Journal of Food Science and Technology</i> , 2021, 58, 3589-3597.	1.4	12
20	Effect of sea water substitution on growth, physiological and biochemical processes of coconut (<i>Cocos nucifera</i> L.) seedlingsâ€”A hydroponic study. <i>Scientia Horticulturae</i> , 2021, 280, 109935.	1.7	3
21	Emerging non-thermal technologies for decontamination of Salmonella in food. <i>Trends in Food Science and Technology</i> , 2021, 112, 400-418.	7.8	64
22	Antiviral Potential of Coconut (<i>Cocos nucifera</i> L.) Oil and COVID-19. <i>Coronaviruses</i> , 2021, 2, 405-410.	0.2	6
23	An overview of conventional and emerging techniques of roasting: Effect on food bioactive signatures. <i>Food Chemistry</i> , 2021, 348, 129088.	4.2	70
24	Dietary prospects of coconut oil for the prevention and treatment of Alzheimer's disease (AD): A review of recent evidences. <i>Trends in Food Science and Technology</i> , 2021, 112, 201-211.	7.8	34
25	Viruses Without Borders: Global Analysis of the Population Structure, Haplotype Distribution, and Evolutionary Pattern of Iris Yellow Spot Orthospovirus (Family Tospoviridae, Genus) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 497		
26	Emerging non-thermal processing techniques for preservation of tender coconut water. <i>LWT - Food Science and Technology</i> , 2021, 149, 111850.	2.5	19
27	Genome Sequencing, Transcriptomics, Proteomics and Metabolomics. <i>Compendium of Plant Genomes</i> , 2021, , 119-132.	0.3	2
28	Aroma and Fragrance: A Case Study for Trait-Related Gene Evolution in Coconut. <i>Compendium of Plant Genomes</i> , 2021, , 159-164.	0.3	0
29	Transcriptome Analysis of <i>Cocos nucifera</i> L. Seedlings Having Contrasting Water-Use Efficiency (WUE) under Water-Deficit Stress: Molecular Insights and Genetic Markers for Drought Tolerance. <i>Biology and Life Sciences Forum</i> , 2021, 4, 73.	0.6	5
30	Terahertz Spectroscopy Imaging Technique: Non-Destructive Tool For Evaluation Of Quality And Safety Of Food Products. , 2021, , 141-157.		0
31	Data of 16S rRNA gene amplicon-based metagenomic signatures of arecanut rhizosphere soils in Yellow Leaf Disease (YLD) endemic region of India. <i>Data in Brief</i> , 2021, 38, 107443.	0.5	2
32	Genome-wide exploration of auxin response factors (ARFs) and their expression dynamics in response to abiotic stresses and growth regulators in coconut (<i>Cocos nucifera</i> L.). <i>Plant Gene</i> , 2021, 28, 100344.	1.4	9
33	Rhythm of a life within life: role of viral suppressors in hijacking the host cell. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2021, 30, 636.	0.9	1
34	Engineering properties of five varieties of coconuts (<i>Cocos nucifera</i> L.) for efficient husk separation. <i>Journal of Natural Fibers</i> , 2020, 17, 589-597.	1.7	15
35	Impact of Ozone Treatment on Seed Germination â€” A Systematic Review. <i>Ozone: Science and Engineering</i> , 2020, 42, 331-346.	1.4	36
36	Ozone as a novel emerging technology for the dissipation of pesticide residues in foodsâ€”a review. <i>Trends in Food Science and Technology</i> , 2020, 97, 38-54.	7.8	146

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37	Mechanical properties of tender coconut (<i>Cocos nucifera</i> L.): Implications for the design of processing machineries. <i>Journal of Food Process Engineering</i> , 2020, 43, e13349.	1.5	14
38	Biospeckle laser technique – A novel non-destructive approach for food quality and safety detection. <i>Trends in Food Science and Technology</i> , 2020, 97, 1-13.	7.8	36
39	Understanding Physiology and Impacts of High Temperature Stress on the Progametic Phase of Coconut (<i>Cocos nucifera</i> L.). <i>Plants</i> , 2020, 9, 1651.	1.6	9
40	Cooking fat types alter the inherent glycaemic response of niche rice varieties through resistant starch (RS) formation. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1668-1681.	3.6	26
41	Tomato auxin biosynthesis/signaling is reprogrammed by the geminivirus to enhance its pathogenicity. <i>Planta</i> , 2020, 252, 51.	1.6	22
42	Plant transcriptional regulation in modulating cross-tolerance to stress. , 2020, , 231-245.		2
43	Yellow Mosaic Disease (YMD) of Mungbean (<i>Vigna radiata</i> (L.) Wilczek): Current Status and Management Opportunities. <i>Frontiers in Plant Science</i> , 2020, 11, 918.	1.7	38
44	Engineering intervention for production of virgin coconut oil by hot process and multivariate analysis of quality attributes of virgin coconut oil extracted by various methods. <i>Journal of Food Process Engineering</i> , 2020, 43, e13395.	1.5	21
45	Application of infrared spectroscopy techniques for the assessment of quality and safety in spices: a review. <i>Applied Spectroscopy Reviews</i> , 2020, 55, 593-611.	3.4	36
46	Microwave Treatment of Coconut Inflorescence Sap (Kalparasa®): A Panacea to Preserve Quality Attributes. <i>Sugar Tech</i> , 2020, 22, 718-726.	0.9	20
47	Virus and Viroid-Derived Small RNAs as Modulators of Host Gene Expression: Molecular Insights Into Pathogenesis. <i>Frontiers in Microbiology</i> , 2020, 11, 614231.	1.5	22
48	Whole Genome Re-sequencing of Soybean Accession EC241780 Providing Genomic Landscape of Candidate Genes Involved in Rust Resistance. <i>Current Genomics</i> , 2020, 21, 504-511.	0.7	8
49	Genomic Designing of Climate-Smart Coconut. , 2020, , 135-156.		2
50	Ozone based food preservation: a promising green technology for enhanced food safety. <i>Ozone: Science and Engineering</i> , 2019, 41, 17-34.	1.4	158
51	Correlation and principal component analysis of physical properties of tender coconut (<i>Cocos</i>) Tj ETQq1 1 0.784314 rgBT /Overload Engineering, 2019, 42, e13217.	1.5	14
52	Expression of short hairpin RNA (shRNA) targeting AC2 gene of Mungbean yellow mosaic India virus (MYMIV) reduces the viral titre in soybean. <i>3 Biotech</i> , 2019, 9, 334.	1.1	9
53	Photochemical and biochemical responses of heliconia (<i>Heliconia stricta</i> – Iris™) to different light intensities in a humid coastal environment. <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 799-808.	0.7	6
54	Ozone: An Advanced Oxidation Technology for Starch Modification. <i>Ozone: Science and Engineering</i> , 2019, 41, 491-507.	1.4	49

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55	Quantification of a legume begomovirus to evaluate soybean genotypes for resistance to yellow mosaic disease. <i>Journal of Virological Methods</i> , 2019, 268, 24-31.	1.0	10
56	Complete genome characterization and population dynamics of potato virus Y-NTN strain from India. <i>VirusDisease</i> , 2019, 30, 252-260.	1.0	3
57	Stress-responsive miRNAs of <i>Glycine max</i> (L.) Merrill: molecular insights and way forward. <i>Planta</i> , 2019, 249, 1267-1284.	1.6	20
58	Tomato geminivirus encoded RNAi suppressor protein, AC4 interacts with host AGO4 and precludes viral DNA methylation. <i>Gene</i> , 2018, 678, 184-195.	1.0	28
59	Soybean MAGIC Population: A Novel Resource for Genetics and Plant Breeding. <i>Current Science</i> , 2018, 114, 906.	0.4	8
60	Virus resistant transgenic tomato: current status and future prospects. , 2018, , .		0
61	Areca nut and Human Health. <i>Current Science</i> , 2018, 115, 1025.	0.4	0
62	Expression dynamics of <i>Glycine max</i> (L.) Merrill microRNAs (miRNAs) and their targets during Mungbean yellow mosaic India virus (MYMIV) infection. <i>Physiological and Molecular Plant Pathology</i> , 2017, 100, 13-22.	1.3	21
63	Transcriptome-wide identification of host genes targeted by tomato spotted wilt virus-derived small interfering RNAs. <i>Virus Research</i> , 2017, 238, 13-23.	1.1	38
64	Comparative conventional and phenomics approaches to assess symbiotic effectiveness of Bradyrhizobia strains in soybean (<i>Glycine max</i> L. Merrill) to drought. <i>Scientific Reports</i> , 2017, 7, 6958.	1.6	14
65	Transgenic Approaches to Combat Plant Viruses Occurring in India. , 2017, , 783-805.		2
66	Geminiviruses and Plant Hosts: A Closer Examination of the Molecular Arms Race. <i>Viruses</i> , 2017, 9, 256.	1.5	80
67	The effects of potato virus Y-derived virus small interfering RNAs of three biologically distinct strains on potato (<i>Solanum tuberosum</i>) transcriptome. <i>Virology Journal</i> , 2017, 14, 129.	1.4	15
68	Genomic sequence characterization of Begomovirus infecting soybean and molecular evolutionary genomics of Legume yellow mosaic viruses (LYMVs). <i>Plant OMICS</i> , 2017, 10, 88-96.	0.4	7
69	Noncoding RNA-Based Genetically Modified Crops. , 2016, , 51-62.		0
70	Sequence characterization, molecular phylogeny reconstruction and recombination analysis of the large RNA of Tomato spotted wilt virus (Tospovirus: Bunyaviridae) from the United States. <i>BMC Research Notes</i> , 2016, 9, 200.	0.6	6
71	Soybean (<l> <i>Glycine max</i> </l>) Micrnas Display Proclivity to Repress Begomovirus Genomes. <i>Current Science</i> , 2016, 110, 424.	0.4	11
72	Molecular Diversity Analysis of Coat Protein Gene Encoded by Legume Begomoviruses and PCR Assay to Detect Yellow Mosaic Viruses Infecting Soybean in India. <i>British Biotechnology Journal</i> , 2016, 12, 1-10.	0.4	6

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73	TreeBASE a bioinformatics tool for phylogenetic analysis: Submission guidelines made easy. Bioscience Biotechnology Research Communications, 2016, 9, 263-265.	0.1	0
74	Viral Micro RNA Transcriptomics (miRNAomics). Transcriptomics: Open Access, 2015, 03, .	0.2	4
75	Morpho-agronomic characterization of Indian soybean for grouping and varietal protection. Indian Journal of Genetics and Plant Breeding, 2015, 75, 382.	0.2	1
76	Physiological response to drought and Dehydration responsive transcripts (DRTs) from the leaves of water-deficit Indian soybean [Glycine max (L.) Merrill cv NRC7]. Transcriptomics: Open Access, 2015, 03, .	0.2	1
77	Complete genomic characterization of a potato mop-top virus isolate from the United States. Archives of Virology, 2014, 159, 3427-3433.	0.9	13
78	Plant miRNAome and antiviral resistance: a retrospective view and prospective challenges. Virus Genes, 2014, 48, 1-14.	0.7	36
79	Global analysis of population structure, spatial and temporal dynamics of genetic diversity, and evolutionary lineages of Iris yellow spot virus (Tospovirus: Bunyaviridae). Gene, 2014, 547, 111-118.	1.0	8
80	Advances in Soybean Genomics. , 2014, , 41-72.		5
81	Non-coding RNAs in Crop Genetic Modification: Considerations and Predictable Environmental Risk Assessments (ERA). Molecular Biotechnology, 2013, 55, 87-100.	1.3	17
82	Silencing potential of viral derived RNAi constructs in Tomato leaf curl virus-AC4 gene suppression in tomato. Transgenic Research, 2010, 19, 45-55.	1.3	52
83	Small RNA mediated silencing to target Tomato leaf curl virus. Journal of Plant Interactions, 2007, 2, 213-218.	1.0	5
84	Hairpin RNA-Mediated Strategies for Silencing of <i>Tomato Leaf Curl Virus</i> AC1 and AC4 Genes for Effective Resistance in Plants. Oligonucleotides, 2007, 17, 251-257.	2.7	72
85	Moisture content and water activity of arecanut samples: A need to revisit storage guidelines. Journal of Plantation Crops, 0, , 136-141.	0.1	1
86	Small RNAs and viral interference.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , .	0.6	1
87	Transient computer simulation of the temperature profile in different packaging materials: An optimization of thermal treatment of tender coconut water. Journal of Food Process Engineering, 0, , .	1.5	6