

Harischandra Sripathy Prakash

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,937
citations

236612

25
h-index

264894

42
g-index

70
all docs

70
docs citations

70
times ranked

2811
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterisation of gluten-degrading prolyl endoprotease from <i>Thermococcus kodakarensis</i> . FEMS Microbiology Letters, 2022, , .	0.7	0
2	In silico docking studies of α -amylase inhibitors from the anti-diabetic plant <i>Leucas ciliata</i> Benth. and an endophyte, <i>Streptomyces longisporoflavus</i> . 3 Biotech, 2021, 11, 51.	1.1	8
3	Trichovariability in rhizosphere soil samples and their biocontrol potential against downy mildew pathogen in pearl millet. Scientific Reports, 2021, 11, 9517.	1.6	14
4	Green Synthesis of Gold Nanoparticles from <i>Vitex negundo</i> Leaf Extract to Inhibit Lipopolysaccharide-Induced Inflammation Through In Vitro and In Vivo. Journal of Cluster Science, 2020, 31, 463-477.	1.7	31
5	Elicitation of Novel Trichogenic-Lipid Nanoemulsion Signaling Resistance Against Pearl Millet Downy Mildew Disease. Biomolecules, 2020, 10, 25.	1.8	54
6	Antibacterial metabolites from <i>Bipolaris specifera</i> , an endophytic fungus from the endemic medicinal plant, <i>Zingiber nimmonii</i> (J. Graham) Dalzell. 3 Biotech, 2020, 10, 317.	1.1	5
7	Specific PCR-based detection of <i>Phomopsis vexans</i> the cause of leaf blight and fruit rot pathogen of <i>Solanum melongena</i> L.. Letters in Applied Microbiology, 2019, 69, 358-365.	1.0	4
8	Fungal Endophytes Associated with <i>Gloriosa superba</i> (L.). Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 1335-1342.	0.4	3
9	Fungal endophytes of turmeric (<i>Curcuma longa</i> L.) and their biocontrol potential against pathogens <i>Pythium aphanidermatum</i> and <i>Rhizoctonia solani</i> . World Journal of Microbiology and Biotechnology, 2018, 34, 49.	1.7	41
10	Evaluation of genetic stability using FRAPD markers as novel method along with antioxidant and anti-diabetic properties of micropropagated <i>Salacia chinensis</i> L.. Acta Physiologiae Plantarum, 2018, 40, 1.	1.0	5
11	Growth Promoting Rhizospheric and Endophytic Bacteria from <i>Curcuma longa</i> L. as Biocontrol Agents against Rhizome Rot and Leaf Blight Diseases. Plant Pathology Journal, 2018, 34, 218-235.	0.7	57
12	Efficiency of RAPD, ISSR and ITS markers in detecting genetic variability among <i>Salacia</i> species sampled from the Western Ghats of Karnataka. Molecular Biology Reports, 2018, 45, 931-941.	1.0	3
13	Diversity and bioprospecting of actinomycete endophytes from the medicinal plants. Letters in Applied Microbiology, 2017, 64, 261-270.	1.0	48
14	Antioxidative properties of phenolic compounds isolated from the fungal endophytes of <i>Zingiber nimmonii</i> (J. Graham) Dalzell.. Frontiers in Biology, 2017, 12, 151-162.	0.7	13
15	Discovery, cloning and characterisation of proline specific prolyl endopeptidase, a gluten degrading thermo-stable enzyme from <i>Sphaerobacter thermophiles</i> . Enzyme and Microbial Technology, 2017, 107, 57-63.	1.6	20
16	Trichogenic-selenium nanoparticles enhance disease suppressive ability of <i>Trichoderma</i> against downy mildew disease caused by <i>Sclerospora graminicola</i> in pearl millet. Scientific Reports, 2017, 7, 2612.	1.6	92
17	Total crude protein extract of <i>Trichoderma</i> spp. induces systemic resistance in pearl millet against the downy mildew pathogen. 3 Biotech, 2017, 7, 183.	1.1	11
18	ANTIOXIDATIVE AND ANTIBACTERIAL POTENTIALS OF FUNGAL ENDOPHYTES FROM <i>JUSTICIA WYNAADENSIS</i> HEYNE: AN ETHNOMEDICINAL RAIN FOREST SPECIES OF WESTERN GHATS. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 203.	0.3	6

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19	Identification and characterization of Memecylon species using isozyme profiling. Pharmacognosy Research (discontinued), 2017, 9, 408.	0.3	0
20	Rapid Mass Propagation of Salacia Chinensis L., an Endangered Valuable Medicinal Plant through Direct Organogenesis. Indian Journal of Science and Technology, 2016, 9, .	0.5	4
21	Detection of tobacco mosaic virus and tomato mosaic virus in pepper seeds by enzyme linked immunosorbent assay (ELISA). Archives of Phytopathology and Plant Protection, 2016, 49, 59-63.	0.6	10
22	Attenuation of reactive oxygen/nitrogen species with suppression of inducible nitric oxide synthase expression in RAW 264.7 macrophages by bark extract of Buchanania lanzan. Pharmacognosy Magazine, 2015, 11, 283.	0.3	19
23	Genetic diversity and antimicrobial activity of endophytic Myrothecium spp. isolated from Calophyllum apetalum and Garcinia morella. Molecular Biology Reports, 2015, 42, 1533-1543.	1.0	8
24	Identification of Taxol-producing endophytic fungi isolated from Salacia oblonga through genomic mining approach. Journal of Genetic Engineering and Biotechnology, 2015, 13, 119-127.	1.5	27
25	Cytotoxic Effect of p-Coumaric Acid on Neuroblastoma, N2a Cell via Generation of Reactive Oxygen Species Leading to Dysfunction of Mitochondria Inducing Apoptosis and Autophagy. Molecular Neurobiology, 2015, 51, 119-130.	1.9	61
26	A Network Map of FGF-1/FGFR Signaling System. Journal of Signal Transduction, 2014, 2014, 1-16.	2.0	80
27	Antioxidant and Neuroprotective Activities of Hyptis suaveolens (L.) Poit. Against Oxidative Stress-Induced Neurotoxicity. Cellular and Molecular Neurobiology, 2014, 34, 323-331.	1.7	31
28	Zearalenone induced toxicity in SHSY-5Y cells: The role of oxidative stress evidenced by N-acetyl cysteine. Food and Chemical Toxicology, 2014, 65, 335-342.	1.8	117
29	Bioactive Potential of Medicinal Plants from Western Ghats Region, India. Journal of Herbs, Spices and Medicinal Plants, 2014, 20, 221-234.	0.5	7
30	Streptomycete endophytes from anti-diabetic medicinal plants of the Western Ghats inhibit alpha-amylase and promote glucose uptake. Letters in Applied Microbiology, 2014, 58, 433-439.	1.0	57
31	Rosmarinic acid mediated neuroprotective effects against H2O2-induced neuronal cell damage in N2A cells. Life Sciences, 2014, 113, 7-13.	2.0	84
32	Antioxidant and hepatoprotective effects of Solanum xanthocarpum leaf extracts against CCl ₄ -induced liver injury in rats. Pharmaceutical Biology, 2014, 52, 1060-1068.	1.3	17
33	Bioactive potential of endophytic Myrothecium sp. isolate M1-CA-102, associated with Calophyllum apetalum. Pharmaceutical Biology, 2014, 52, 665-676.	1.3	11
34	Hepatoprotective action of Orthosiphon diffusus (Benth.) methanol active fraction through antioxidant mechanisms: An in vivo and in vitro evaluation. Journal of Ethnopharmacology, 2013, 149, 737-744.	2.0	14
35	Inhibition of virus infection by transient expression of short hairpin RNA targeting the methyltransferase domain of Tobacco mosaic virus replicase. Phytoparasitica, 2013, 41, 9-15.	0.6	1
36	Strobilurins Seed Treatment Enhances Resistance of Common Bean Against common mosaic virus. Journal of Phytopathology, 2012, 160, 710-716.	0.5	12

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37	Hepatoprotective and cytoprotective properties of Hyptis suaveolens against oxidative stress-induced damage by CCl ₄ and H ₂ O ₂ . Asian Pacific Journal of Tropical Medicine, 2012, 5, 868-874.	0.4	30
38	Inhibition of TMV multiplication by siRNA constructs against TOM1 and TOM3 genes of Capsicum annum. Journal of Virological Methods, 2012, 186, 78-85.	1.0	10
39	Specific PCR-based detection of Alternaria helianthi: the cause of blight and leaf spot in sunflower. Archives of Microbiology, 2012, 194, 923-932.	1.0	23
40	Biochemical events involved in downy mildew disease resistance in pearl millet in relation to H ⁺ -ATPase. Archives of Phytopathology and Plant Protection, 2011, 44, 17-27.	0.6	0
41	Detection of Tobacco mosaic virus and Tomato mosaic virus in pepper and tomato by multiplex RT-PCR. Letters in Applied Microbiology, 2011, 53, 359-363.	1.0	72
42	Prospects of molecular markers in Fusarium species diversity. Applied Microbiology and Biotechnology, 2011, 90, 1625-1639.	1.7	63
43	First Report of <i>Bean common mosaic virus</i> Infecting <i>Lablab purpureus</i> in India. Plant Disease, 2011, 95, 881-881.	0.7	15
44	First report of the seed-borne nature of root and collar rot disease caused by <i>Rhizoctonia solani</i> in sunflower from India. Australasian Plant Disease Notes, 2010, 5, 11.	0.4	5
45	Detection and quantification of fumonisins from <i>Fusarium verticillioides</i> in maize grown in southern India. World Journal of Microbiology and Biotechnology, 2010, 26, 71-78.	1.7	32
46	Seed biopriming with novel strain of <i>Trichoderma harzianum</i> for the control of toxigenic <i>Fusarium verticillioides</i> and fumonisins in maize. Archives of Phytopathology and Plant Protection, 2010, 43, 264-282.	0.6	57
47	Osmopriming enhances pearl millet growth and induces downy mildew disease resistance. Archives of Phytopathology and Plant Protection, 2009, 42, 979-987.	0.6	2
48	Elicitation of resistance and defense related proteins by Î²-amino butyric acid in sunflower against downy mildew pathogen <i>Plasmopara halstedii</i> . Archives of Phytopathology and Plant Protection, 2009, 42, 1020-1032.	0.6	14
49	The role of root apoplastic transport barriers in salt tolerance of rice (<i>Oryza sativa</i> L.). Planta, 2009, 230, 119-134.	1.6	200
50	Rhizobacteria-mediated resistance against the blackeye cowpea mosaic strain of bean common mosaic virus in cowpea (<i>Vigna unguiculata</i>). Pest Management Science, 2009, 65, 1059-1064.	1.7	27
51	Changes in peroxidase activity in sunflower during infection by necrotrophic pathogen <i>Alternaria helianthi</i> . Archives of Phytopathology and Plant Protection, 2008, 41, 586-596.	0.6	5
52	Chitosan induced resistance to downy mildew in sunflower caused by <i>Plasmopara halstedii</i> . Physiological and Molecular Plant Pathology, 2008, 72, 188-194.	1.3	76
53	Induction of resistance against downy mildew on sunflower by rhizobacteria. Journal of Plant Interactions, 2008, 3, 255-262.	1.0	13
54	Differential expression of sunflower peroxidase isoforms and transcripts during necrotrophic interaction with <i>Alternaria helianthi</i> . Russian Journal of Plant Physiology, 2007, 54, 513-517.	0.5	3

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55	Dravya, a product of seaweed extract (<i>Sargassum wightii</i>), induces resistance in cotton against <i>Xanthomonas campestris</i> pv. <i>malsvacearum</i> . <i>Phytoparasitica</i> , 2007, 35, 442-449.	0.6	20
56	First report of the occurrence of <i>Myrothecium verrucaria</i> in watermelon seeds from India. <i>Australasian Plant Disease Notes</i> , 2006, 1, 3.	0.4	9
57	Genetic variation in <i>Fusarium oxysporum</i> f.sp. <i>cubense</i> isolates based on random amplified polymorphic DNA and intergenic spacer. <i>Archives of Phytopathology and Plant Protection</i> , 2006, 39, 151-160.	0.6	3
58	Endophytic Fungal Assemblages from Inner Bark and Twig of <i>Terminalia arjuna</i> W. & A. (Combretaceae). <i>World Journal of Microbiology and Biotechnology</i> , 2005, 21, 1535-1540.	1.7	80
59	Transcriptome changes in foxtail millet genotypes at high salinity: Identification and characterization of a PHGPX gene specifically up-regulated by NaCl in a salt-tolerant line. <i>Journal of Plant Physiology</i> , 2004, 161, 467-477.	1.6	70
60	Differential induction of superoxide dismutase in downy mildew-resistant and -susceptible genotypes of pearl millet. <i>Plant Pathology</i> , 2002, 51, 480-486.	1.2	47
61	<i>Beauveria bassiana</i> -A Potential Mycopesticide for the Efficient Control of Coffee Berry Borer, <i>Hypothenemus hampei</i> (Ferrari) in India. <i>Biocontrol Science and Technology</i> , 2001, 11, 251-260.	0.5	49
62	<i>Sclerospora graminicola</i> - and arachidonic acid-induced autofluorescence in downy mildew resistant and susceptible genotypes of pearl millet. <i>Annals of Applied Biology</i> , 1998, 133, 219-226.	1.3	3
63	Arachidonic acid-induced hypersensitive cell death as an assay of downy mildew resistance in pearl millet. <i>Annals of Applied Biology</i> , 1996, 129, 91-96.	1.3	4
64	A novel approach to the establishment of dual cultures of pearl millet and <i>Sclerospora graminicola</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 1992, 31, 203-206.	1.2	0
65	Influence of seed mycoflora and harvesting conditions on milling, popping and malting qualities of sorghum (<i>Sorghum bicolor</i>). <i>Journal of the Science of Food and Agriculture</i> , 1991, 55, 617-625.	1.7	3
66	<i>Drosophila</i> fauna of Nagarhole, South India, including description of a new species (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 302 T	0.0	6
67	Seasonality and population fluctuations in the <i>Drosophila</i> of Western Ghats. <i>Proceedings: Animal Sciences</i> , 1979, 88, 193-204.	0.0	4
68	<i>Drosophila</i> fauna of Sahyadri Hills (Western Ghats) with description of a new species. <i>Proceedings: Animal Sciences</i> , 1979, 88, 65-72.	0.0	6
69	<i>Drosophila Agumdensis</i> , sp. nov. from Karnataka, South India (Diptera : <i>Drosophilidae</i>). <i>Oriental Insects</i> , 1978, 12, 259-263.	0.1	6
70	Two New Species of <i>Drosophila</i> (<i>Melanogaster</i> Species Group) (Diptera : <i>Drosophilidae</i>). <i>Oriental Insects</i> , 1977, 11, 597-604.	0.1	5