

Ramachandra K Kini

List of Publications by Year in descending order

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51
papers

1,186
citations

430874

18
h-index

395702

33
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53
all docs

53
docs citations

53
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Arabidopsis</i> Small Ubiquitin-Like Modifier Paralogs Have Distinct Functions in Development and Defense. <i>Plant Cell</i> , 2010, 22, 1998-2016.	6.6	140
2	Total peroxidase activity and peroxidase isoforms as modified by salt stress in two cultivars of fox-tail millet with differential salt tolerance. <i>Plant Science</i> , 1999, 141, 1-9.	3.6	107
3	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.	3.6	80
4	Hydroxyproline-rich Glycoproteins and Plant Defence. <i>Journal of Phytopathology</i> , 2010, 158, 585.	1.0	72
5	Role of hydroxyproline-rich glycoproteins in resistance of pearl millet against downy mildew pathogen <i>Sclerospora graminicola</i> . <i>Planta</i> , 2007, 226, 323-333.	3.2	57
6	Accumulation of hydroxyproline-rich glycoproteins in pearl millet seedlings in response to <i>Sclerospora graminicola</i> infection. <i>Plant Science</i> , 2004, 167, 1227-1234.	3.6	49
7	Title is missing!. <i>European Journal of Plant Pathology</i> , 2000, 106, 267-274.	1.7	48
8	Fungal endophyte assemblages from ethnopharmacologically important medicinal trees. <i>Canadian Journal of Microbiology</i> , 2006, 52, 427-435.	1.7	40
9	Antioxidant, antihypertensive, and antibacterial properties of endophytic <i>Pestalotiopsis</i> species from medicinal plants. <i>Canadian Journal of Microbiology</i> , 2008, 54, 769-780.	1.7	40
10	Production of Unusual Dispiro Metabolites in <i>Pestalotiopsis virgatula</i> Endophyte Cultures: HPLC-SPE-NMR, Electronic Circular Dichroism, and Time-Dependent Density-Functional Computation Study. <i>Journal of Natural Products</i> , 2011, 74, 2206-2215.	3.0	38
11	Proteomic analysis of elicitation of downy mildew disease resistance in pearl millet by seed priming with l ² -aminobutyric acid and <i>Pseudomonas fluorescens</i> . <i>Journal of Proteomics</i> , 2015, 120, 58-74.	2.4	35
12	Fungal endophytes from the three-leaved caper, <i>Crataeva magna</i> (Lour.) DC. (Capparidaceae). <i>Mycopathologia</i> , 2005, 159, 245-249.	3.1	31
13	Antioxidant and Neuroprotective Activities of <i>Hyptis suaveolens</i> (L.) Poit. Against Oxidative Stress-Induced Neurotoxicity. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 323-331.	3.3	31
14	Assessment of genetic stability of in vitro grown <i>Dictyospermum ovalifolium</i> . <i>Biologia Plantarum</i> , 2008, 52, 735-739.	1.9	28
15	HPLC-SPE-NMR Identification of a Novel Metabolite Containing the Benzo[c]oxepin Skeleton from the Endophytic Fungus <i>Pestalotiopsis virgatula</i> Culture. <i>Planta Medica</i> , 2009, 75, 1104-1106.	1.3	28
16	Identification of Taxol-producing endophytic fungi isolated from <i>Salacia oblonga</i> through genomic mining approach. <i>Journal of Genetic Engineering and Biotechnology</i> , 2015, 13, 119-127.	3.3	27
17	Genetic Variation in <i>Fusarium moniliforme</i> Isolated from Seeds of Different Host Species from Burkina Faso Based on Random Amplified Polymorphic DNA Analysis. <i>Journal of Phytopathology</i> , 2002, 150, 209-212.	1.0	25
18	The SUMO Conjugation Complex Self-Assembles into Nuclear Bodies Independent of SIZ1 and COP1. <i>Plant Physiology</i> , 2019, 179, 168-183.	4.8	21

#	ARTICLE	IF	CITATIONS
19	Purification and characterization of proline/hydroxyproline-rich glycoprotein from pearl millet coleoptiles infected with downy mildew pathogen <i>Sclerospora graminicola</i> . <i>Phytochemistry</i> , 2007, 68, 298-305.	2.9	20
20	Induction of resistance against downy mildew pathogen in pearl millet by a synthetic jasmonate analog. <i>Physiological and Molecular Plant Pathology</i> , 2007, 71, 96-105.	2.5	19
21	Polygalacturonase-inhibitor proteins in pearl millet: possible involvement in resistance against downy mildew. <i>Acta Biochimica Et Biophysica Sinica</i> , 2012, 44, 415-423.	2.0	17
22	Antioxidant and hepatoprotective effects of <i>Solanum xanthocarpum</i> leaf extracts against CCl ₄ -induced liver injury in rats. <i>Pharmaceutical Biology</i> , 2014, 52, 1060-1068.	2.9	17
23	Involvement of mitogen-activated protein kinase signalling in pearl millet–downy mildew interaction. <i>Plant Science</i> , 2014, 214, 29-37.	3.6	16
24	Hydroxyproline-rich glycoproteins accumulate in pearl millet after seed treatment with elicitors of defense responses against <i>Sclerospora graminicola</i> . <i>Physiological and Molecular Plant Pathology</i> , 2010, 74, 230-237.	2.5	15
25	Elicitation of resistance and defense related proteins by $\hat{2}$ -amino butyric acid in sunflower against downy mildew pathogen <i>Plasmopara halstedii</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2009, 42, 1020-1032.	1.3	14
26	Association between accumulation of allene oxide synthase activity and development of resistance against downy mildew disease of pearl millet. <i>Molecular Biology Reports</i> , 2013, 40, 6821-6829.	2.3	14
27	Isolation and characterisation of a protein elicitor from <i>Sclerospora graminicola</i> and elicitor-mediated induction of defence responses in cultured cells of <i>Pennisetum glaucum</i> . <i>Functional Plant Biology</i> , 2006, 33, 267.	2.1	13
28	The pearl millet mitogen-activated protein kinase PgMPK4 is involved in responses to downy mildew infection and in jasmonic- and salicylic acid-mediated defense. <i>Plant Molecular Biology</i> , 2015, 87, 287-302.	3.9	13
29	Molecular cloning of a coiled-coil-nucleotide-binding-site-leucine-rich repeat gene from pearl millet and its expression pattern in response to the downy mildew pathogen. <i>Molecular Biology Reports</i> , 2016, 43, 117-128.	2.3	12
30	Infection induced oxidative cross-linking of hydroxyproline-rich glycoproteins (HRGPs) is associated with restriction of <i>Colletotrichum sublineolum</i> in sorghum. <i>Journal of Plant Interactions</i> , 2009, 4, 179-186.	2.1	11
31	Inhibition of TMV multiplication by siRNA constructs against TOM1 and TOM3 genes of <i>Capsicum annum</i> . <i>Journal of Virological Methods</i> , 2012, 186, 78-85.	2.1	10
32	Characterization of a hydroxyproline-rich glycoprotein in pearl millet and its differential expression in response to the downy mildew pathogen <i>Sclerospora graminicola</i> . <i>Acta Physiologiae Plantarum</i> , 2012, 34, 779-791.	2.1	9
33	Experimental and bioinformatic characterization of a recombinant polygalacturonase-inhibitor protein from pearl millet and its interaction with fungal polygalacturonases. <i>Journal of Experimental Botany</i> , 2014, 65, 5033-5047.	4.8	8
34	Immuno-affinity purification of PglPGIP1, a polygalacturonase-inhibitor protein from pearl millet: studies on its inhibition of fungal polygalacturonases and role in resistance against the downy mildew pathogen. <i>Molecular Biology Reports</i> , 2015, 42, 1123-1138.	2.3	8
35	Genetic diversity and antimicrobial activity of endophytic <i>Myrothecium</i> spp. isolated from <i>Calophyllum apetalum</i> and <i>Garcinia morella</i> . <i>Molecular Biology Reports</i> , 2015, 42, 1533-1543.	2.3	8
36	Identification of Biomarkers for Resistance to <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Infection and in Silico Studies in <i>Musa paradisiaca</i> Cultivar Puttabale through Proteomic Approach. <i>Proteomes</i> , 2016, 4, 9.	3.5	7

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37	Inheritance of downy mildew resistance, β -1,3-glucanases and peroxidases in pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.] crosses. <i>Theoretical and Applied Genetics</i> , 2001, 102, 1221-1226.	3.6	6
38	Spore cell wall components of <i>Aspergillus niger</i> elicit downy mildew disease resistance in pearl millet. <i>Phytoparasitica</i> , 2006, 34, 72-86.	1.2	6
39	Evaluation of an In-house LipL32 Polymerase Chain Reaction for Diagnosis of Leptospirosis and its Correlation with Various Serological Diagnostic Techniques. <i>Indian Journal of Medical Microbiology</i> , 2018, 36, 385-390.	0.8	6
40	Changes in peroxidase activity in sunflower during infection by necrotrophic pathogen <i>Alternaria helianthi</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2008, 41, 586-596.	1.3	5
41	Comparative analysis of activities of vital defence enzymes during induction of resistance in pearl millet against downy mildew. <i>Archives of Phytopathology and Plant Protection</i> , 2012, 45, 1252-1272.	1.3	5
42	Separation and direct detection of raw and gelatinized starch hydrolyzing activities of glucoamylase on isoelectric focusing gels. <i>Electrophoresis</i> , 1999, 20, 483-485.	2.4	4
43	Serodiagnosis of pearl millet resistance to downy mildew by quantitating cell wall P/HRGP using polyclonal antiserum Pab-P/HRGP. <i>European Journal of Plant Pathology</i> , 2008, 121, 77-85.	1.7	4
44	Hypersensitive reaction and P/HRGP accumulation is modulated by nitric oxide through hydrogen peroxide in pearl millet during <i>Sclerospora graminicola</i> infection. <i>Physiological and Molecular Plant Pathology</i> , 2009, 74, 191-198.	2.5	4
45	Reference gene selection and validation for gene expression studies in downy mildew infected pearl millet by quantitative real-time PCR. <i>Australasian Plant Pathology</i> , 2017, 46, 441-452.	1.0	4
46	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.	1.3	3
47	Differential expression of sunflower peroxidase isoforms and transcripts during necrotrophic interaction with <i>Alternaria helianthi</i> . <i>Russian Journal of Plant Physiology</i> , 2007, 54, 513-517.	1.1	3
48	Isolation and characterisation of a NBS-LRR resistance gene analogue from pearl millet. <i>Archives of Phytopathology and Plant Protection</i> , 2011, 44, 1014-1024.	1.3	3
49	Efficiency of RAPD, ISSR and ITS markers in detecting genetic variability among <i>Salacia</i> species sampled from the Western Ghats of Karnataka. <i>Molecular Biology Reports</i> , 2018, 45, 931-941.	2.3	3
50	Inhibition of virus infection by transient expression of short hairpin RNA targeting the methyltransferase domain of Tobacco mosaic virus replicase. <i>Phytoparasitica</i> , 2013, 41, 9-15.	1.2	1
51	Separation and direct detection of raw and gelatinized starch hydrolyzing activities of glucoamylase on isoelectric focusing gels. , 1999, 20, 483.		1