

Pradeep Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2822264/publications.pdf>

Version: 2024-02-01

76
papers

4,116
citations

201674

27
h-index

123424

61
g-index

83
all docs

83
docs citations

83
times ranked

5152
citing authors

#	ARTICLE	IF	CITATIONS
1	Aflatoxins: A Global Concern for Food Safety, Human Health and Their Management. <i>Frontiers in Microbiology</i> , 2016, 07, 2170.	3.5	474
2	Application of Nanotechnology in Food Science: Perception and Overview. <i>Frontiers in Microbiology</i> , 2017, 8, 1501.	3.5	413
3	Essential Oils: Sources of Antimicrobials and Food Preservatives. <i>Frontiers in Microbiology</i> , 2016, 7, 2161.	3.5	323
4	Prospects of using nanotechnology for food preservation, safety, and security. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 1201-1214.	1.9	300
5	Aflatoxins in Food and Feed: An Overview on Prevalence, Detection and Control Strategies. <i>Frontiers in Microbiology</i> , 2019, 10, 2266.	3.5	191
6	Prospects of Nanostructure Materials and Their Composites as Antimicrobial Agents. <i>Frontiers in Microbiology</i> , 2018, 9, 422.	3.5	167
7	Antioxidants: Positive or Negative Actors?. <i>Biomolecules</i> , 2018, 8, 124.	4.0	150
8	Fumonisin: Impact on Agriculture, Food, and Human Health and their Management Strategies. <i>Toxins</i> , 2019, 11, 328.	3.4	148
9	Beneficial effects and potential risks of tomato consumption for human health: An overview. <i>Nutrition</i> , 2019, 62, 201-208.	2.4	132
10	Citrus Essential Oils (CEOs) and Their Applications in Food: An Overview. <i>Plants</i> , 2020, 9, 357.	3.5	131
11	Wastewater Treatment and Reuse: a Review of its Applications and Health Implications. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	126
12	In vitro and in vivo antitumor potential of carvacrol nanoemulsion against human lung adenocarcinoma A549 cells via mitochondrial mediated apoptosis. <i>Scientific Reports</i> , 2018, 8, 144.	3.3	102
13	Antimicrobial Potential of Carvacrol against Uropathogenic <i>Escherichia coli</i> via Membrane Disruption, Depolarization, and Reactive Oxygen Species Generation. <i>Frontiers in Microbiology</i> , 2017, 8, 2421.	3.5	92
14	Potential Environmental and Human Health Risks Caused by Antibiotic-Resistant Bacteria (ARB), Antibiotic Resistance Genes (ARGs) and Emerging Contaminants (ECs) from Municipal Solid Waste (MSW) Landfill. <i>Antibiotics</i> , 2021, 10, 374.	3.7	80
15	Ochratoxins in food and feed: Occurrence and its impact on human health and management strategies. <i>Toxicon</i> , 2020, 187, 151-162.	1.6	78
16	Genomics and evolutionary aspect of calcium signaling event in calmodulin and calmodulin-like proteins in plants. <i>BMC Plant Biology</i> , 2017, 17, 38.	3.6	72
17	Occurrence, Impact on Agriculture, Human Health, and Management Strategies of Zearalenone in Food and Feed: A Review. <i>Toxins</i> , 2021, 13, 92.	3.4	71
18	Differential antagonistic responses of <i>Bacillus pumilus</i> MSUA3 against <i>Rhizoctonia solani</i> and <i>Fusarium oxysporum</i> causing fungal diseases in <i>Fagopyrum esculentum</i> Moench. <i>Microbiological Research</i> , 2017, 205, 40-47.	5.3	69

#	ARTICLE	IF	CITATIONS
19	Future Microbial Applications for Bioenergy Production: A Perspective. <i>Frontiers in Microbiology</i> , 2017, 8, 450.	3.5	60
20	Spices and herbs: Potential antiviral preventives and immunity boosters during COVID-19. <i>Phytotherapy Research</i> , 2021, 35, 2745-2757.	5.8	59
21	Liposomal Cytarabine as Cancer Therapy: From Chemistry to Medicine. <i>Biomolecules</i> , 2019, 9, 773.	4.0	52
22	Current perspectives on genetically modified crops and detection methods. <i>3 Biotech</i> , 2017, 7, 219.	2.2	50
23	Ethnopharmacological Properties and Medicinal Uses of <i>Litsea cubeba</i> . <i>Plants</i> , 2019, 8, 150.	3.5	48
24	Pharmacological properties, therapeutic potential, and legal status of <i>Cannabis sativa</i> L.: An overview. <i>Phytotherapy Research</i> , 2021, 35, 6010-6029.	5.8	43
25	Patulin in food: A mycotoxin concern for human health and its management strategies. <i>Toxicon</i> , 2021, 198, 12-23.	1.6	41
26	Systemic Acquired Resistance (SAR) and Induced Systemic Resistance (ISR): Role and Mechanism of Action Against Phytopathogens. <i>Fungal Biology</i> , 2020, , 457-470.	0.6	36
27	Citrinin Mycotoxin Contamination in Food and Feed: Impact on Agriculture, Human Health, and Detection and Management Strategies. <i>Toxins</i> , 2022, 14, 85.	3.4	36
28	Current Status of Mango Malformation in India. <i>Asian Journal of Plant Sciences</i> , 2010, 10, 1-23.	0.4	32
29	<i>Bacillus thuringiensis</i> as microbial biopesticide: uses and application for sustainable agriculture. <i>Egyptian Journal of Biological Pest Control</i> , 2021, 31, .	1.8	29
30	Trichothecenes in food and feed: Occurrence, impact on human health and their detection and management strategies. <i>Toxicon</i> , 2022, 208, 62-77.	1.6	28
31	Invasive Fungal Infections and Their Epidemiology: Measures in the Clinical Scenario. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 436-444.	2.6	25
32	<i>Tinospora cordifolia</i> (Giloy): Phytochemistry, Ethnopharmacology, Clinical Application and Conservation Strategies. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 1165-1175.	1.6	24
33	Phytotherapy and food applications from <i>Brassica</i> genus. <i>Phytotherapy Research</i> , 2021, 35, 3590-3609.	5.8	23
34	Rice Lesion Mimic Mutants (LMM): The Current Understanding of Genetic Mutations in the Failure of ROS Scavenging during Lesion Formation. <i>Plants</i> , 2021, 10, 1598.	3.5	22
35	<i>Colletotrichum gloeosporioides</i> : Pathogen of Anthracnose Disease in Mango (<i>Mangifera indica</i> L.). <i>Fungal Biology</i> , 2016, , 207-219.	0.6	21
36	Assessment of Functional EST-SSR Markers (Sugarcane) in Cross-Species Transferability, Genetic Diversity among Poaceae Plants, and Bulk Segregation Analysis. <i>Genetics Research International</i> , 2016, 1-16.	2.0	20

#	ARTICLE	IF	CITATIONS
37	Identification and phylogenetic correlation among <i>Colletotrichum gloeosporioides</i> pathogen of anthracnose for mango. <i>Biocatalysis and Agricultural Biotechnology</i> , 2013, 2, 285-287.	3.1	19
38	Nanotechnology and its applications in environmental remediation: an overview. <i>Vegetos</i> , 2019, 32, 227-237.	1.5	19
39	Nanotechnological interventions for plant health improvement and sustainable agriculture. <i>3 Biotech</i> , 2020, 10, 168.	2.2	19
40	Neem oil and its nanoemulsion in sustainable food preservation and packaging: Current status and future prospects. <i>Journal of Agriculture and Food Research</i> , 2022, 7, 100254.	2.5	18
41	Deoxynivalenol: An Overview on Occurrence, Chemistry, Biosynthesis, Health Effects and Its Detection, Management, and Control Strategies in Food and Feed. <i>Microbiology Research</i> , 2022, 13, 292-314.	1.9	18
42	Impact of cefotaxime on somatic embryogenesis and shoot regeneration in sugarcane. <i>Physiology and Molecular Biology of Plants</i> , 2009, 15, 257-265.	3.1	16
43	Efficacy of (+)-Lariciresinol to Control Bacterial Growth of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> O157:H7. <i>Frontiers in Microbiology</i> , 2017, 8, 804.	3.5	16
44	Ghost probiotics with a combined regimen: a novel therapeutic approach against the Zika virus, an emerging world threat. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 438-454.	9.0	15
45	N,P-Doped Carbon Nanodots for Food-Matrix Decontamination, Anticancer Potential, and Cellular Bio-Imaging Applications. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 283-303.	1.1	15
46	Use of essential oils and phytochemicals against the mycotoxins producing fungi for shelf-life enhancement and food preservation. <i>International Journal of Food Science and Technology</i> , 2022, 57, 2171-2184.	2.7	15
47	Biocontrol potential of <i>Trichoderma</i> species against mango malformation pathogens. <i>Archives of Phytopathology and Plant Protection</i> , 2012, 45, 1237-1245.	1.3	12
48	Ethnopharmacological properties and Nutraceutical potential of <i>Moringa oleifera</i> . <i>Phytomedicine Plus</i> , 2022, 2, 100168.	2.0	12
49	Bacillus-based nano-bioformulations for phytopathogens and insect pest management. <i>Egyptian Journal of Biological Pest Control</i> , 2021, 31, .	1.8	11
50	The basis for rootstock resilient to <i>Capnodis</i> species: screening for genes encoding endotoxins from <i>Bacillus thuringiensis</i> . <i>Pest Management Science</i> , 2014, 70, 1283-1290.	3.4	10
51	The role of microorganism in bioremediation for sustainable environment management. , 2020, , 227-249.		10
52	Diversity of Bacterial Biota in <i>Capnodis tenebrionis</i> (Coleoptera: Buprestidae) Larvae. <i>Pathogens</i> , 2019, 8, 4.	2.8	9
53	(α)-Tetrahydroberberrubine acetate accelerates antioxidant potential and inhibits food associated <i>Bacillus cereus</i> in rice. <i>Food Chemistry</i> , 2021, 339, 127902.	8.2	9
54	Diversity of Plant Species in The Steel City of Odisha, India: Ethnobotany and Implications for Conservation of Urban Bio-Resources. <i>Brazilian Archives of Biology and Technology</i> , 2018, 61, .	0.5	7

#	ARTICLE	IF	CITATIONS
55	Subtractive genomics approach for identification of putative antimicrobial targets in <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> KACC10331. Archives of Phytopathology and Plant Protection, 2019, 52, 863-872.	1.3	7
56	Nanoencapsulation for Agri-Food Applications and Associated Health and Environmental Concerns. Frontiers in Nutrition, 2021, 8, 663229.	3.7	7
57	Molecular characterization of phytoplasma of 16SrI-B group association with <i>Acalypha indica</i> in India. 3 Biotech, 2017, 7, 49.	2.2	6
58	Biochemical characterization of <i>Santalum album</i> (Chandan) leaf peroxidase. Physiology and Molecular Biology of Plants, 2011, 17, 153-159.	3.1	5
59	Detection and identification of phytoplasma associated with witches' broom and little leaf disease in <i>Arundo donax</i> : first report from India. Archives of Phytopathology and Plant Protection, 2015, 48, 931-935.	1.3	5
60	Antibacterial Action of Jineol Isolated from <i>Scolopendra subspinipes mutilans</i> against Selected Foodborne Pathogens. Frontiers in Microbiology, 2017, 8, 552.	3.5	4
61	Current Scenario of Mango Malformation and Its Management Strategies: An Overview. Fungal Biology, 2016, , 221-236.	0.6	3
62	Biological and Functional Properties of Wedelolactone in Human Chronic Diseases. Phyton, 2021, 90, 1-15.	0.7	3
63	Curcuma Turmeric Oil Enhanced Anti-Dermatophytic Drug Activity Against <i>Candida albicans</i> and <i>Trichophyton mentagrophytes</i> . Current Drug Delivery, 2021, 18, 1494-1504.	1.6	3
64	Microbial Fuel Cells for Wastewater Treatment, Bioremediation, and Bioenergy Production. , 2018, , 247-269.		3
65	Identification of Yeast and Mould Isolated from <i>murcha</i> in Nepal for Rice Wine Production. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	3
66	Identification and characterization of <i>Fusarium mangiferae</i> as pathogen of mango malformation in India. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	2
67	Evaluation of Medicinal Values of <i>Gymnopetalum chinense</i> (Lour.) Merr., a Lesser Known Cucurbit from Eastern Ghats of India. Brazilian Archives of Biology and Technology, 2017, 60, .	0.5	2
68	An Overview of Major Fungal Diseases of Sugarcane in India: Detection and Management Strategies. Fungal Biology, 2017, , 275-304.	0.6	2
69	Biotechnological and Therapeutic Application of Useful Plants in Endocrinal Disorder. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-2.	1.2	1
70	Biosensor Technology – Advanced Scientific Tools, With Special Reference to Nanobiosensors and Plant- and Food-Based Biosensors. , 2019, , 287-303.		1
71	Clean energy production from lignocellulose-based agricultural crops: importance and necessity from environmental prospects. , 2020, , 181-193.		1
72	Prospective Of Artificial Intelligence: Emerging Trends In Modern Biosciences Research. IOP Conference Series: Materials Science and Engineering, 0, 1020, 012008.	0.6	1

#	ARTICLE	IF	CITATIONS
73	Nanosensors Applications in Food, Medicine, Agriculture and Nanotoxicology. Environmental Chemistry for A Sustainable World, 2021, , 1-24.	0.5	1
74	Partial purification and characterization of peroxidases from the leaves of Sapindus mukorossi. Journal of Plant Biochemistry and Biotechnology, 2012, 21, 11-16.	1.7	0
75	Hisopathological Study of Healthy and Malformed Tissues of Mango (Mangifera indicaL.). Vegetos, 2013, 26, 372.	1.5	0
76	Current Status and Future Prospects of Omics Tools in Climate Change Research. , 2019, , 197-214.		0