

Radhakrishna S Pandit

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

256
citations

1307594

7
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the gut of <i>Helicoverpa armigera</i> for cellulose degrading bacteria and evaluation of a potential strain for lignocellulosic biomass deconstruction. <i>Process Biochemistry</i> , 2018, 73, 142-153.	3.7	48
2	Isolation of cellulolytic bacteria from the gastro-intestinal tract of <i>Achatina fulica</i> (Gastropoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70). <i>Biodegradation</i> , 2015, 98, 73-80.	3.9	44
3	Valorization Potential of a Novel Bacterial Strain, <i>Bacillus altitudinis</i> RSP75, towards Lignocellulose Bioconversion: An Assessment of Symbiotic Bacteria from the Stored Grain Pest, <i>Tribolium castaneum</i> . <i>Microorganisms</i> , 2021, 9, 1952.	3.6	27
4	Evaluation and characterization of the cellulolytic bacterium, <i>Bacillus pumilus</i> SL8 isolated from the gut of oriental leafworm <i>Spodoptera litura</i> : An assessment of its potential value for lignocellulose bioconversion. <i>Environmental Technology and Innovation</i> , 2022, 27, 102459.	6.1	19
5	Purification of a cellulase from cellulolytic gut bacterium, <i>Bacillus tequilensis</i> G9 and its evaluation for valorization of agro-wastes into added value byproducts. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 20, 101219.	3.1	16
6	Evaluation of cellulose degrading bacteria isolated from the gut-system of cotton bollworm, <i>Helicoverpa armigera</i> and their potential values in biomass conversion. <i>PeerJ</i> , 0, 9, e11254.	2.0	16
7	Prospecting the gut fluid of giant African land snail, <i>Achatina fulica</i> for cellulose degrading bacteria. <i>International Biodeterioration and Biodegradation</i> , 2018, 126, 103-111.	3.9	13
8	Recent advances in the bioprospection and applications of chitinolytic bacteria for valorization of waste chitin. <i>Archives of Microbiology</i> , 2021, 203, 1953-1969.	2.2	13
9	Gut Microbiome Analysis of Snails: A Biotechnological Approach. , 0, , .		10
10	Bioefficacy of Lemongrass and Tea Tree Essential Oils Against House Fly, <i>Musca domestica</i> . <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2021, 91, 307-318.	1.0	10
11	Biochemical and molecular changes mediated by plasticizer diethyl phthalate in <i>Chironomus circumdatus</i> (bloodworms). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 228, 108650.	2.6	7
12	Exploring the regionâ€wise diversity and functions of symbiotic bacteria in the gut system of woodâ€feeding termite, <i>Coptotermes formosanus</i> , toward the degradation of cellulose, hemicellulose, and organic dyes. <i>Insect Science</i> , 2022, 29, 1414-1432.	3.0	7
13	Statistical optimization of lignocellulosic waste containing culture medium for enhanced production of cellulase by <i>Bacillus tequilensis</i> G9. <i>Waste Disposal & Sustainable Energy</i> , 2019, 1, 213-226.	2.5	6
14	Comparative Analysis of Anti-predator Behaviour and Life History Traits of the Tadpoles Exposed to Predation Risk and Corticosterone. <i>Proceedings of the Zoological Society</i> , 2020, 73, 220-226.	1.0	6
15	Impact of essential oils on <i>Musca domestica</i> larvae: oxidative stress and antioxidant responses. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 821-830.	1.0	4
16	Parasitism by <i>Chelonus blackburni</i> (Hymenoptera) affects food consumption and development of <i>Helicoverpa armigera</i> (Lepidoptera) and cellular architecture of the midgut. <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 65-70.	0.9	3
17	Bio-based versus synthetic: comparative study of plasticizers mediated stress on <i>Chironomus circumdatus</i> (Dipteraâ€Chironomidae). <i>Ecotoxicology</i> , 2022, 31, 385-395.	2.4	3
18	Mining the diversity and functional profile of bacterial symbionts from the larvae of <i>Chironomus circumdatus</i> (bloodworms). <i>Folia Microbiologica</i> , 2022, 67, 861-872.	2.3	2

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19	Effect of ethylenethiourea on metamorphosis and ovary development: A comparative study of three larval frogs. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 469-476.	1.9	1
20	Characterization of an Esterase Producing Bacterium from the Gut of <i>Chironomus circumdatus</i> (Bloodworms) and its Ability to Use Modified Phthalates. <i>Current Microbiology</i> , 2021, 78, 3165-3172.	2.2	1