Radhakrishna S Pandit

List of Publications by Year
in descending order

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	Bio-based versus synthetic: comparative study of plasticizers mediated stress on Chironomus circumdatus (Dipteraâ€“Chironomidae). Ecotoxicology, 2022, 31, 385-395.	2.4	3
2	Exploring the regionâ€wise diversity and functions of symbiotic bacteria in the gut system of woodâ€feeding termite, Coptotermes formosanus, toward the degradation of cellulose, hemicellulose, and organic dyes. Insect Science, 2022, 29, 1414-1432.	3.0	7
3	Evaluation and characterization of the cellulolytic bacterium, Bacillus pumilus SL8 isolated from the gut of oriental leafworm Spodoptera litura: An assessment of its potential value for lignocellulose bioconversion. Environmental Technology and Innovation, 2022, 27, 102459.	6.1	19
4	Mining the diversity and functional profile of bacterial symbionts from the larvae of Chironomus circumdatus (bloodworms). Folia Microbiologica, 2022, 67, 861-872.	2.3	2
5	Impact of essential oils on Musca domestica larvae: oxidative stress and antioxidant responses. International Journal of Tropical Insect Science, 2021, 41, 821-830.	1.0	4
6	Bioefficacy of Lemongrass and Tea Tree Essential Oils Against House Fly, Musca domestica. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2021, 91, 307-318.	1.0	10
7	Recent advances in the bioprospection and applications of chitinolytic bacteria for valorization of waste chitin. Archives of Microbiology, 2021, 203, 1953-1969.	2.2	13
8	Effect of ethylenethiourea on metamorphosis and ovary development: A comparative study of three larval frogs. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2021, 335, 469-476.	1.9	1
9	Characterization of an Esterase Producing Bacterium from the Gut of Chironomus circumdatus (Bloodworms) and its Ability to Use Modified Phthalates. Current Microbiology, 2021, 78, 3165-3172.	2.2	1
10	Valorization Potential of a Novel Bacterial Strain, Bacillus altitudinis RSP75, towards Lignocellulose Bioconversion: An Assessment of Symbiotic Bacteria from the Stored Grain Pest, Tribolium castaneum. Microorganisms, 2021, 9, 1952.	3.6	27
11	Biochemical and molecular changes mediated by plasticizer diethyl phthalate in Chironomus circumdatus (bloodworms). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 228, 108650.	2.6	7
12	Comparative Analysis of Anti-predator Behaviour and Life History Traits of the Tadpoles Exposed to Predation Risk and Corticosterone. Proceedings of the Zoological Society, 2020, 73, 220-226.	1.0	6
13	Purification of a cellulase from cellulolytic gut bacterium, Bacillus tequilensis G9 and its evaluation for valorization of agro-wastes into added value byproducts. Biocatalysis and Agricultural Biotechnology, 2019, 20, 101219.	3.1	16
14	Statistical optimization of lignocellulosic waste containing culture medium for enhanced production of cellulase by Bacillus tequilensis G9. Waste Disposal & Sustainable Energy, 2019, 1, 213-226.	2.5	6
15	Prospecting the gut fluid of giant African land snail, Achatina fulica for cellulose degrading bacteria. International Biodeterioration and Biodegradation, 2018, 126, 103-111.	3.9	13
16	Exploring the gut of Helicoverpa armigera for cellulose degrading bacteria and evaluation of a potential strain for lignocellulosic biomass deconstruction. Process Biochemistry, 2018, 73, 142-153.	3.7	48
17	Parasitism by Chelonus blackburni (Hymenoptera) affects food consumption and development of Helicoverpa armigera (Lepidoptera) and cellular architecture of the midgut. Journal of Asia-Pacific Entomology, 2016, 19, 65-70.	0.9	3
18	Isolation of cellulolytic bacteria from the gastro-intestinal tract of Achatina fulica (Gastropoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Biodegradation, 2015, 98, 73-80.	3.9	44

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19	Gut Microbiome Analysis of Snails: A Biotechnological Approach. , 0, , .		10
20	Evaluation of cellulose degrading bacteria isolated from the gut-system of cotton bollworm, Helicoverpa armigera and their potential values in biomass conversion. PeerJ, 0, 9, e11254.	2.0	16