Alexpandi Rajaiah

List of Publications by Year
in descending order

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17	452	840119 11	887659 17
papers	citations	h-index	g-index

17	17	17	556
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quinolines-Based SARS-CoV-2 3CLpro and RdRp Inhibitors and Spike-RBD-ACE2 Inhibitor for Drug-Repurposing Against COVID-19: An in silico Analysis. Frontiers in Microbiology, 2020, 11, 1796.	1.5	115
2	Fabrication of heteroatom doped NFP-MWCNT and NFB-MWCNT nanocomposite from imidazolium ionic liquid functionalized MWCNT for antibiofilm and wound healing in Wistar rats: Synthesis, characterization, in-vitro and in-vivo studies. Materials Science and Engineering C, 2020, 111, 110791.	3.8	57
3	Protective effect of neglected plant Diplocyclos palmatus on quorum sensing mediated infection of Serratia marcescens and UV-A induced photoaging in model Caenorhabditis elegans. Journal of Photochemistry and Photobiology B: Biology, 2019, 201, 111637.	1.7	40
4	Inhibitory Effect of Morin Against Candida albicans Pathogenicity and Virulence Factor Production: An in vitro and in vivo Approaches. Frontiers in Microbiology, 2020, 11, 561298.	1.5	35
5	Exploration of the optimized parameters for bioactive prodigiosin mass production and its biomedical applications in vitro as well as in silico. Biocatalysis and Agricultural Biotechnology, 2019, 22, 101385.	1.5	26
6	Metal sensing-carbon dots loaded TiO2-nanocomposite for photocatalytic bacterial deactivation and application in aquaculture. Scientific Reports, 2020, 10, 12883.	1.6	26
7	The protective effects of polyamines on salinity stress tolerance in foxtail millet (Setaria italica L.), an important C4 model crop. Physiology and Molecular Biology of Plants, 2020, 26, 1815-1829.	1.4	24
8	Virulence targeted inhibitory effect of linalool against the exclusive uropathogenProteus mirabilis. Biofouling, 2019, 35, 508-525.	0.8	23
9	Explication of the Potential of 2-Hydroxy-4-Methoxybenzaldehyde in Hampering Uropathogenic Proteus mirabilis Crystalline Biofilm and Virulence. Frontiers in Microbiology, 2019, 10, 2804.	1.5	22
10	Anti-inflammatory potential of myristic acid and palmitic acid synergism against systemic candidiasis in Danio rerio (Zebrafish). Biomedicine and Pharmacotherapy, 2021, 133, 111043.	2.5	20
11	Attenuation of Proteus mirabilis colonization and swarming motility on indwelling urinary catheter by antibiofilm impregnation: An in vitro study. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111207.	2.5	16
12	Evaluation of antibiofilm potential of four-domain Î±-amylase from Streptomyces griseus against exopolysaccharides (EPS) of bacterial pathogens using Danio rerio. Archives of Microbiology, 2022, 204, 243.	1.0	13
13	Tocopherol and phytol possess anti-quorum sensing mediated anti-infective behavior against Vibrio campbellii in aquaculture: An in vitro and in vivo study. Microbial Pathogenesis, 2021, 161, 105221.	1.3	12
14	Sunlight-active phytol-ZnO@TiO2 nanocomposite for photocatalytic water remediation and bacterial-fouling control in aquaculture: A comprehensive study on safety-level assessment. Water Research, 2022, 212, 118081.	5.3	9
15	Proteomic analysis deciphers the multi-targeting antivirulence activity of tannic acid in modulating the expression of MrpA, FlhD, UreR, HpmA and Nrp system in Proteus mirabilis. International Journal of Biological Macromolecules, 2020, 165, 1175-1186.	3.6	7
16	Repurposing of Doxycycline to Hinder the Viral Replication of SARS-CoV-2: From in silico to in vitro Validation. Frontiers in Microbiology, 2022, 13, .	1.5	4
17	Anti-QS mediated anti-infection efficacy of probiotic culture-supernatant against Vibrio campbellii infection and the identification of active compounds through in vitro and in silico analyses. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102108.	1.5	3