

Alexpandi Rajaiah

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

207
citations

8
h-index

14
g-index

17
ext. papers

346
ext. citations

5.6
avg, IF

3.83
L-index

#	Paper	IF	Citations
16	Quinolines-Based SARS-CoV-2 3CLpro and RdRp Inhibitors and Spike-RBD-ACE2 Inhibitor for Drug-Repurposing Against COVID-19: An Analysis. <i>Frontiers in Microbiology</i> , 2020 , 11, 1796	5.7	72
15	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. <i>Materials Science and Engineering C</i> , 2020 , 111, 110791	8.3	33
14	Protective effect of neglected plant <i>Diplocyclos palmatus</i> on quorum sensing mediated infection of <i>Serratia marcescens</i> and UV-A induced photoaging in model <i>Caenorhabditis elegans</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019 , 201, 111637	6.7	25
13	Inhibitory Effect of Morin Against Pathogenicity and Virulence Factor Production: An and Approaches. <i>Frontiers in Microbiology</i> , 2020 , 11, 561298	5.7	16
12	Virulence targeted inhibitory effect of linalool against the exclusive uropathogen. <i>Biofouling</i> , 2019 , 35, 508-525	3.3	14
11	Exploration of the optimized parameters for bioactive prodigiosin mass production and its biomedical applications in vitro as well as in silico. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 22, 101385	4.2	13
10	Explication of the Potential of 2-Hydroxy-4-Methoxybenzaldehyde in Hampering Uropathogenic Crystalline Biofilm and Virulence. <i>Frontiers in Microbiology</i> , 2019 , 10, 2804	5.7	9
9	Metal sensing-carbon dots loaded TiO-nanocomposite for photocatalytic bacterial deactivation and application in aquaculture. <i>Scientific Reports</i> , 2020 , 10, 12883	4.9	8
8	Anti-inflammatory potential of myristic acid and palmitic acid synergism against systemic candidiasis in <i>Danio rerio</i> (Zebrafish). <i>Biomedicine and Pharmacotherapy</i> , 2021 , 133, 111043	7.5	6
7	Attenuation of <i>Proteus mirabilis</i> colonization and swarming motility on indwelling urinary catheter by antibiofilm impregnation: An in vitro study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 194, 111207	6	5
6	Anti-QS mediated anti-infection efficacy of probiotic culture-supernatant against <i>Vibrio campbellii</i> infection and the identification of active compounds through in vitro and in silico analyses. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 35, 102108	4.2	2
5	Sunlight-active phytol-ZnO@TiO nanocomposite for photocatalytic water remediation and bacterial-fouling control in aquaculture: A comprehensive study on safety-level assessment.. <i>Water Research</i> , 2022 , 212, 118081	12.5	1
4	Proteomic analysis deciphers the multi-targeting antivirulence activity of tannic acid in modulating the expression of MrpA, FlhD, UreR, HpMA and Nrp system in <i>Proteus mirabilis</i> . <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 1175-1186	7.9	1
3	The protective effects of polyamines on salinity stress tolerance in foxtail millet (<i>L.</i>), an important C4 model crop. <i>Physiology and Molecular Biology of Plants</i> , 2020 , 26, 1815-1829	2.8	1
2	Evaluation of antibiofilm potential of four-domain β amylase from <i>Streptomyces griseus</i> against exopolysaccharides (EPS) of bacterial pathogens using <i>Danio rerio</i> .. <i>Archives of Microbiology</i> , 2022 , 204, 243	3	1
1	Tocopherol and phytol possess anti-quorum sensing mediated anti-infective behavior against <i>Vibrio campbellii</i> in aquaculture: An in vitro and in vivo study. <i>Microbial Pathogenesis</i> , 2021 , 161, 105221	3.8	0