

Srinivasan Ramanathan

List of Publications by Year in descending order

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32
papers

1,035
citations

516561

16
h-index

434063

31
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33
all docs

33
docs citations

33
times ranked

809
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Biofilm Inhibition: A Focused Review on Recent Therapeutic Strategies for Combating the Biofilm Mediated Infections. <i>Frontiers in Microbiology</i> , 2021, 12, 676458.	1.5	143
2	Piper betle and its bioactive metabolite phytol mitigates quorum sensing mediated virulence factors and biofilm of nosocomial pathogen <i>Serratia marcescens</i> in vitro. <i>Journal of Ethnopharmacology</i> , 2016, 193, 592-603.	2.0	90
3	Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2017, 110, 313-324.	1.3	70
4	<i>In vitro</i> and <i>in vivo</i> efficacy of rosmarinic acid on quorum sensing mediated biofilm formation and virulence factor production in <i>Aeromonas hydrophila</i> . <i>Biofouling</i> , 2016, 32, 1171-1183.	0.8	64
5	Exploring the Anti-quorum Sensing and Antibiofilm Efficacy of Phytol against <i>Serratia marcescens</i> Associated Acute Pyelonephritis Infection in Wistar Rats. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 498.	1.8	61
6	Inhibition of quorum sensing-dependent biofilm and virulence genes expression in environmental pathogen <i>Serratia marcescens</i> by petroselinic acid. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 501-515.	0.7	59
7	Phytosynthesized silver nanoparticles as anti-quorum sensing and antibiofilm agent against the nosocomial pathogen <i>Serratia marcescens</i> : an <i>in vitro</i> study. <i>Journal of Applied Microbiology</i> , 2018, 124, 1425-1440.	1.4	54
8	Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its anti-quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: an <i>in vitro</i> and <i>in vivo</i> approach. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10538-10554.	2.7	45
9	<i>In vitro</i> and <i>in vivo</i> biofilm inhibitory efficacy of geraniol-cefotaxime combination against <i>Staphylococcus</i> spp.. <i>Food and Chemical Toxicology</i> , 2019, 125, 322-332.	1.8	44
10	Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in <i>Staphylococcus epidermidis</i> RP62A. <i>Journal of Medical Microbiology</i> , 2017, 66, 1506-1515.	0.7	44
11	<i>In vitro</i> antibiofilm efficacy of Piper betle against quorum sensing mediated biofilm formation of luminescent <i>Vibrio harveyi</i> . <i>Microbial Pathogenesis</i> , 2017, 110, 232-239.	1.3	42
12	Marine Bacterial Secondary Metabolites: A Treasure House for Structurally Unique and Effective Antimicrobial Compounds. <i>Marine Drugs</i> , 2021, 19, 530.	2.2	41
13	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.	1.7	40
14	Inhibitory effect of \pm -mangostin on <i>Acinetobacter baumannii</i> biofilms – an <i>in vitro</i> study. <i>Biofouling</i> , 2018, 34, 579-593.	0.8	38
15	The characteristics of antibiotic resistance and phenotypes in 29 outer membrane protein mutant strains in <i>Aeromonas hydrophila</i> . <i>Environmental Microbiology</i> , 2019, 21, 4614-4628.	1.8	31
16	Anti-virulence potential of 2-hydroxy-4-methoxybenzaldehyde against methicillin-resistant <i>Staphylococcus aureus</i> and its clinical isolates. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6747-6758.	1.7	20
17	Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen <i>Acinetobacter baumannii</i> . <i>Journal of Applied Microbiology</i> , 2018, 125, 56-71.	1.4	19
18	AHL-Lactonase Producing <i>Psychrobacter</i> sp. From Palk Bay Sediment Mitigates Quorum Sensing-Mediated Virulence Production in Gram Negative Bacterial Pathogens. <i>Frontiers in Microbiology</i> , 2021, 12, 634593.	1.5	18

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19	Anti-quorum Sensing and Protective Efficacies of Naringin Against <i>Aeromonas hydrophila</i> Infection in <i>Danio rerio</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 600622.	1.5	13
20	2-Hydroxy-4-methoxybenzaldehyde from <i>Hemidesmus indicus</i> is antagonistic to <i>Staphylococcus epidermidis</i> biofilm formation. <i>Biofouling</i> , 2020, 36, 549-563.	0.8	13
21	A comprehensive mobile application tool for disease surveillance, workforce management and supply chain management for Malaria Elimination Demonstration Project. <i>Malaria Journal</i> , 2021, 20, 91.	0.8	12
22	<i>Hemidesmus indicus</i> , a traditional medicinal plant, targets the adherence of multidrug-resistant pathogens to form biofilms. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 21, 101338.	1.5	11
23	Acetylation of lysine 7 of Ahyl affects the biological function in <i>Aeromonas hydrophila</i> . <i>Microbial Pathogenesis</i> , 2020, 140, 103952.	1.3	10
24	TonB-Dependent Receptors Affect the Spontaneous Oxytetracycline Resistance Evolution in <i>Aeromonas hydrophila</i> . <i>Journal of Proteome Research</i> , 2021, 20, 154-163.	1.8	10
25	First Succinylome Profiling of <i>Vibrio alginolyticus</i> Reveals Key Role of Lysine Succinylation in Cellular Metabolism and Virulence. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 626574.	1.8	9
26	Optimization of biosurfactant production by <i>Pseudomonas aeruginosa</i> using rice water and its competence in controlling Fusarium wilt of <i>Abelmoschus esculentus</i> . <i>South African Journal of Botany</i> , 2022, 151, 144-157.	1.2	8
27	In vivo protective effect of geraniol on colonization of <i>Staphylococcus epidermidis</i> in rat jugular vein catheter model. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	7
28	The LysR-Type Transcriptional Regulator YeeY Plays Important Roles in the Regulatory of Furazolidone Resistance in <i>Aeromonas hydrophila</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 577376.	1.5	7
29	Comparative transcriptomic analysis reveals the molecular mechanisms related to oxytetracycline-resistance in strains of <i>Aeromonas hydrophila</i> . <i>Aquaculture Reports</i> , 2021, 21, 100812.	0.7	7
30	Proteomics Analysis Reveals Bacterial Antibiotics Resistance Mechanism Mediated by <i>ahslyA</i> Against Enoxacin in <i>Aeromonas hydrophila</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 699415.	1.5	2
31	Quantitative Proteomics Reveals That the Protein Components of Outer Membrane Vesicles (OMVs) in <i>Aeromonas hydrophila</i> Play Protective Roles in Antibiotic Resistance. <i>Journal of Proteome Research</i> , 2022, 21, 1707-1717.	1.8	2
32	Environmentally friendly one-step coating of antibacterial urinary catheters with silver nanoparticle impregnated layer. <i>Materials Express</i> , 2022, 12, 80-89.	0.2	1