

Alaguvel Valliammai

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

423
citations

840776

11
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Myrtenol Attenuates MRSA Biofilm and Virulence by Suppressing sarA Expression Dynamism. <i>Frontiers in Microbiology</i> , 2019, 10, 2027.	3.5	68
2	5-Dodecanolide interferes with biofilm formation and reduces the virulence of Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) through up regulation of agr system. <i>Scientific Reports</i> , 2019, 9, 13744.	3.3	50
3	<scp> </scp>-Ascorbyl 2,6-dipalmitate inhibits biofilm formation and virulence in methicillin-resistant <i>Staphylococcus aureus</i> and prevents triacylglyceride accumulation in <i>Caenorhabditis elegans</i> . <i>RSC Advances</i> , 2017, 7, 23392-23406.	3.6	40
4	Antibiofilm and antivirulence efficacy of myrtenol enhances the antibiotic susceptibility of <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2020, 10, 21975.	3.3	37
5	<i>Sapindus mukorossi</i> Gaertn. and its bioactive metabolite oleic acid impedes methicillin-resistant <i>Staphylococcus aureus</i> biofilm formation by down regulating adhesion genes expression. <i>Microbiological Research</i> , 2021, 242, 126601.	5.3	33
6	Carvacrol Targets SarA and CrtM of Methicillin-Resistant <i>Staphylococcus aureus</i> to Mitigate Biofilm Formation and Staphyloxanthin Synthesis: An <i>In Vitro</i> and <i>In Vivo</i> Approach. <i>ACS Omega</i> , 2020, 5, 31100-31114.	3.5	32
7	Staphyloxanthin inhibitory potential of thymol impairs antioxidant fitness, enhances neutrophil mediated killing and alters membrane fluidity of methicillin resistant <i>Staphylococcus aureus</i> . <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111933.	5.6	32
8	sarA-Dependent Antibiofilm Activity of Thymol Enhances the Antibacterial Efficacy of Rifampicin Against <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1744.	3.5	30
9	Global multi-omics and systems pharmacological strategy unravel the multi-targeted therapeutic potential of natural bioactive molecules against COVID-19: An <i>in silico</i> approach. <i>Genomics</i> , 2020, 112, 4486-4504.	2.9	26
10	Proteomic profiling unveils citral modulating expression of IsaA, CodY and SaeS to inhibit biofilm and virulence in Methicillin-resistant <i>Staphylococcus aureus</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 158, 208-221.	7.5	24
11	Polymeric antibiofilm coating comprising synergistic combination of citral and thymol prevents methicillin-resistant <i>Staphylococcus aureus</i> biofilm formation on titanium. <i>Materials Science and Engineering C</i> , 2021, 121, 111863.	7.3	14
12	Multi-Omics and Integrative Approach towards Understanding Salinity Tolerance in Rice: A Review. <i>Biology</i> , 2022, 11, 1022.	2.8	14
13	Usnic acid deteriorates acidogenicity, acidurance and glucose metabolism of <i>Streptococcus mutans</i> through downregulation of two-component signal transduction systems. <i>Scientific Reports</i> , 2021, 11, 1374.	3.3	10
14	Proteomic and Systematic Functional Profiling Unveils Citral Targeting Antibiotic Resistance, Antioxidant Defense, and Biofilm-Associated Two-Component Systems of <i>Acinetobacter baumannii</i> To Encumber Biofilm and Virulence Traits. <i>MSystems</i> , 2020, 5, .	3.8	9
15	5-Dodecanolide inhibits biofilm formation and virulence of <i>Streptococcus pyogenes</i> by suppressing core regulons of virulence. <i>Life Sciences</i> , 2020, 262, 118554.	4.3	3
16	Community-Based 16S rDNA Fingerprinting Analysis of Geographically Distinct Marine Sediments of Unexplored Coastal Regions of Palk Bay and Gulf of Mannar. <i>Current Microbiology</i> , 2022, 79, 60.	2.2	1