

Sampathkumar Ranganathan

List of Publications by Year in descending order

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13
papers

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1307366

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docs citations

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282
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#	ARTICLE	IF	CITATIONS
1	Cloning, functional characterization and screening of potential inhibitors for <i>Chilo partellus</i> chitin synthase A using <i>in silico</i> , <i>in vitro</i> and <i>in vivo</i> approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 1416-1429.	2.0	6
2	Alantolactone modulates the production of quorum sensing mediated virulence factors and biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Biofouling</i> , 2022, 38, 331-347.	0.8	1
3	Attenuation of quorum sensing mediated virulence factors production and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1 by <i>Colletotrichum gloeosporioides</i> HM3. <i>Microbial Pathogenesis</i> , 2021, 151, 104723.	1.3	4
4	Sesamin and sesamol rescues <i>Caenorhabditis elegans</i> from <i>Pseudomonas aeruginosa</i> infection through the attenuation of quorum sensing regulated virulence factors. <i>Microbial Pathogenesis</i> , 2021, 155, 104912.	1.3	25
5	<i>In silico</i> Binding Profile Analysis and <i>In vitro</i> Investigation on Chitin Synthase Substrate and Inhibitors from Maize Stem Borer, <i>Chilo partellus</i> . <i>Current Computer-Aided Drug Design</i> , 2021, 17, 881-895.	0.8	4
6	Anti-quorum sensing and antibiofilm activities of <i>Blastobotrys parvus</i> PPR3 against <i>Pseudomonas aeruginosa</i> PAO1. <i>Microbial Pathogenesis</i> , 2020, 138, 103811.	1.3	22
7	<i>Phomopsis tersa</i> as Inhibitor of Quorum Sensing System and Biofilm Forming Ability of <i>Pseudomonas aeruginosa</i> . <i>Indian Journal of Microbiology</i> , 2020, 60, 70-77.	1.5	23
8	Inhibition of Microbial Quorum Sensing Mediated Virulence Factors by <i>Pestalotiopsis sydowiana</i> . <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 571-582.	0.9	22
9	Corrigendum to: Inhibition of Microbial Quorum Sensing Mediated Virulence Factors by <i>Pestalotiopsis sydowiana</i> . <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1108-1108.	0.9	0
10	Mosloflavone attenuates the quorum sensing controlled virulence phenotypes and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1: <i>In vitro</i> , <i>in vivo</i> and <i>in silico</i> approach. <i>Microbial Pathogenesis</i> , 2019, 131, 128-134.	1.3	33
11	Attenuation of quorum sensing regulated virulence and biofilm development in <i>Pseudomonas aeruginosa</i> PAO1 by <i>Diaporthe phaseolorum</i> SSP12. <i>Microbial Pathogenesis</i> , 2018, 118, 177-189.	1.3	40
12	<i>Aspergillus ochraceopetaliformis</i> SSP13 modulates quorum sensing regulated virulence and biofilm formation in <i>Pseudomonas aeruginosa</i> PAO1. <i>Biofouling</i> , 2018, 34, 410-425.	0.8	23
13	Methanolic Extract of <i>Plectranthus tenuiflorus</i> Attenuates Quorum Sensing Mediated Virulence and Biofilm Formation in <i>Pseudomonas aeruginosa</i> PAO1. <i>Journal of Pure and Applied Microbiology</i> , 2018, 12, 1985-1996.	0.3	5