

Sathish Rajamani

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

3,622
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

5498
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Enhancing the antibacterial activity of polymyxins using a nonantibiotic drug</p> Infection and Drug Resistance, 2019, Volume 12, 1393-1405.	2.7	14
2	Robust biofilm assay for quantification and high throughput screening applications. Journal of Microbiological Methods, 2019, 159, 179-185.	1.6	16
3	Modulation of Bacterial Quorum Sensing by Eukaryotes. , 2019, , 39-56.		1
4	Biosensors for the Detection and Quantification of AI-2 Class Quorum-Sensing Compounds. Methods in Molecular Biology, 2018, 1673, 73-88.	0.9	5
5	Quorum Sensing in Burkholderia pseudomallei and Other Burkholderia species. Current Tropical Medicine Reports, 2017, 4, 199-207.	3.7	2
6	Noninvasive Evaluation of Heavy Metal Uptake and Storage in Microralgae Using a Fluorescence Resonance Energy Transfer-Based Heavy Metal Biosensor. Plant Physiology, 2014, 164, 1059-1067.	4.8	14
7	<i>Sinorhizobium meliloti</i> Flavin Secretion and Bacteria-Host Interaction: Role of the Bifunctional RibBA Protein. Molecular Plant-Microbe Interactions, 2014, 27, 437-445.	2.6	25
8	FRET-Based Biosensors for the Detection and Quantification of AI-2 Class of Quorum Sensing Compounds. Methods in Molecular Biology, 2011, 692, 31-46.	0.9	3
9	Signal and Nutrient Exchange in the Interactions Between Soil Algae and Bacteria. Soil Biology, 2011, , 413-426.	0.8	13
10	A sensitive fluorescence reporter for monitoring quorum sensing regulated protease production in <i>Vibrio harveyi</i> . Journal of Microbiological Methods, 2011, 84, 189-193.	1.6	5
11	The Iron Assimilatory Protein, FEA1, from <i>Chlamydomonas reinhardtii</i> Facilitates Iron-Specific Metal Uptake in Yeast and Plants. Frontiers in Plant Science, 2011, 2, 67.	3.6	29
12	<i>N</i>-ACYL HOMOSERINE LACTONE LACTONASE, AiiA, INACTIVATION OF QUORUM-SENSING AGONISTS PRODUCED BY <i>CHLAMYDOMONAS REINHARDTII</i> (CHLOROPHYTA) AND CHARACTERIZATION OF <i>aiiA</i> TRANSGENIC ALGAE¹. Journal of Phycology, 2011, 47, 1219-1227.	2.3	23
13	Hemolytic Phospholipase C Inhibition Protects Lung Function during <i>Pseudomonas aeruginosa</i> Infection. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 345-354.	5.6	72
14	Luminescent Reporters and Their Applications for the Characterization of Signals and Signal-Mimics that Alter LasR-Mediated Quorum Sensing. Methods in Molecular Biology, 2011, 692, 113-130.	0.9	11
15	Antifungal mechanisms by which a novel <i>Pseudomonas aeruginosa</i> phenazine toxin kills <i>Candida albicans</i> in biofilms. Molecular Microbiology, 2010, 78, 1379-1392.	2.5	132
16	Biochemical biomarkers in algae and marine pollution: A review. Ecotoxicology and Environmental Safety, 2008, 71, 1-15.	6.0	446
17	The Vitamin Riboflavin and Its Derivative Lumichrome Activate the LasR Bacterial Quorum-Sensing Receptor. Molecular Plant-Microbe Interactions, 2008, 21, 1184-1192.	2.6	150
18	A LuxP-FRET-Based Reporter for the Detection and Quantification of AI-2 Bacterial Quorum-Sensing Signal Compounds. Biochemistry, 2007, 46, 3990-3997.	2.5	41

#	ARTICLE	IF	CITATIONS
19	Phycoremediation of Heavy Metals Using Transgenic Microalgae. <i>Advances in Experimental Medicine and Biology</i> , 2007, 616, 99-109.	1.6	53
20	The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. <i>Science</i> , 2007, 318, 245-250.	12.6	2,354
21	<i>Chlamydomonas reinhardtii</i> Secretes Compounds That Mimic Bacterial Signals and Interfere with Quorum Sensing Regulation in Bacteria. <i>Plant Physiology</i> , 2004, 134, 137-146.	4.8	213