

# Sathish Rajamani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4922471/publications.pdf>

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	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
2	Biochemical biomarkers in algae and marine pollution: A review. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 1-15.	6.0	446
3	<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
4	The Vitamin Riboflavin and Its Derivative Lumichrome Activate the LasR Bacterial Quorum-Sensing Receptor. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1184-1192.	2.6	150
5	Antifungal mechanisms by which a novel <i>Pseudomonas aeruginosa</i> phenazine toxin kills <i>Candida albicans</i> in biofilms. <i>Molecular Microbiology</i> , 2010, 78, 1379-1392.	2.5	132
6	Hemolytic Phospholipase C Inhibition Protects Lung Function during <i>Pseudomonas aeruginosa</i> Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 345-354.	5.6	72
7	Phycoremediation of Heavy Metals Using Transgenic Microalgae. <i>Advances in Experimental Medicine and Biology</i> , 2007, 616, 99-109.	1.6	53
8	A LuxP-FRET-Based Reporter for the Detection and Quantification of AI-2 Bacterial Quorum-Sensing Signal Compounds. <i>Biochemistry</i> , 2007, 46, 3990-3997.	2.5	41
9	The Iron Assimilatory Protein, FEA1, from <i>Chlamydomonas reinhardtii</i> Facilitates Iron-Specific Metal Uptake in Yeast and Plants. <i>Frontiers in Plant Science</i> , 2011, 2, 67.	3.6	29
10	<i>Sinorhizobium meliloti</i> Flavin Secretion and Bacteria-Host Interaction: Role of the Bifunctional RibBA Protein. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 437-445.	2.6	25
11	<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 ALGAE. <i>Journal of Phycology</i> , 2011, 47, 1219-1227.	2.3	23
12	Robust biofilm assay for quantification and high throughput screening applications. <i>Journal of Microbiological Methods</i> , 2019, 159, 179-185.	1.6	16
13	Noninvasive Evaluation of Heavy Metal Uptake and Storage in Microalgae Using a Fluorescence Resonance Energy Transfer-Based Heavy Metal Biosensor. <i>Plant Physiology</i> , 2014, 164, 1059-1067.	4.8	14
14	Enhancing the antibacterial activity of polymyxins using a nonantibiotic drug; Infection and Drug Resistance, 2019, Volume 12, 1393-1405.	2.7	14
15	Signal and Nutrient Exchange in the Interactions Between Soil Algae and Bacteria. <i>Soil Biology</i> , 2011, , 413-426.	0.8	13
16	Luminescent Reporters and Their Applications for the Characterization of Signals and Signal-Mimics that Alter LasR-Mediated Quorum Sensing. <i>Methods in Molecular Biology</i> , 2011, 692, 113-130.	0.9	11
17	A sensitive fluorescence reporter for monitoring quorum sensing regulated protease production in <i>Vibrio harveyi</i> . <i>Journal of Microbiological Methods</i> , 2011, 84, 189-193.	1.6	5
18	Biosensors for the Detection and Quantification of AI-2 Class Quorum-Sensing Compounds. <i>Methods in Molecular Biology</i> , 2018, 1673, 73-88.	0.9	5

#	ARTICLE	IF	CITATIONS
19	FRET-Based Biosensors for the Detection and Quantification of AI-2 Class of Quorum Sensing Compounds. <i>Methods in Molecular Biology</i> , 2011, 692, 31-46.	0.9	3
20	Quorum Sensing in <i>Burkholderia pseudomallei</i> and Other <i>Burkholderia</i> species. <i>Current Tropical Medicine Reports</i> , 2017, 4, 199-207.	3.7	2
21	Modulation of Bacterial Quorum Sensing by Eukaryotes. , 2019, , 39-56.		1