

Sujatha Subramoni

List of Publications by Year in descending order

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28
papers

1,004
citations

567281

15
h-index

552781

26
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29
all docs

29
docs citations

29
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	LuxR-family "solos": bachelor sensors/regulators of signalling molecules. <i>Microbiology (United Kingdom)</i> , 2015, 155, 1078-1084.	1.8	205
2	<i>Agrobacterium tumefaciens</i> responses to plant-derived signaling molecules. <i>Frontiers in Plant Science</i> , 2014, 5, 322.	3.6	108
3	Rice bacterial endophytes: isolation of a collection, identification of beneficial strains and microbiome analysis. <i>Environmental Microbiology Reports</i> , 2016, 8, 388-398.	2.4	75
4	Bacterial Subfamily of LuxR Regulators That Respond to Plant Compounds. <i>Applied and Environmental Microbiology</i> , 2011, 77, 4579-4588.	3.1	68
5	A bioinformatic survey of distribution, conservation, and probable functions of LuxR solo regulators in bacteria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 16.	3.9	60
6	Bacterial LuxR solos have evolved to respond to different molecules including signals from plants. <i>Frontiers in Plant Science</i> , 2013, 4, 447.	3.6	58
7	Growth Deficiency of a <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> fur Mutant in Rice Leaves Is Rescued by Ascorbic Acid Supplementation. <i>Molecular Plant-Microbe Interactions</i> , 2005, 18, 644-651.	2.6	50
8	Cinnamaldehyde disrupts biofilm formation and swarming motility of <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2018, 164, 1087-1097.	1.8	46
9	The biofilm matrix scaffold of <i>Pseudomonas aeruginosa</i> contains G-quadruplex extracellular DNA structures. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 27.	6.4	40
10	<i>Burkholderia cenocepacia</i> ShvR-Regulated Genes That Influence Colony Morphology, Biofilm Formation, and Virulence. <i>Infection and Immunity</i> , 2011, 79, 2984-2997.	2.2	38
11	Negative Regulation of Violacein Biosynthesis in <i>Chromobacterium violaceum</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 349.	3.5	35
12	The ColRS system of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> is required for virulence and growth in iron-limiting conditions. <i>Molecular Plant Pathology</i> , 2012, 13, 690-703.	4.2	32
13	PpoR is a conserved unpaired LuxR solo of <i>Pseudomonas putida</i> which binds N-acyl homoserine lactones. <i>BMC Microbiology</i> , 2009, 9, 125.	3.3	28
14	Future research trends in the major chemical language of bacteria. <i>HFSP Journal</i> , 2009, 3, 105-116.	2.5	27
15	Quorum sensing systems influence <i>Burkholderia cenocepacia</i> virulence. <i>Future Microbiology</i> , 2012, 7, 1373-1387.	2.0	24
16	Role of <i>Burkholderia cenocepacia</i> <i>afcE</i> and <i>afcF</i> genes in determining lipid-metabolism-associated phenotypes. <i>Microbiology (United Kingdom)</i> , 2013, 159, 603-614.	1.8	15
17	Thioether-linked dihydropyrrol-2-one analogues as PqsR antagonists against antibiotic resistant <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2021, 31, 115967.	3.0	15
18	The <i>afc</i> antifungal activity cluster, which is under tight regulatory control of ShvR, is essential for transition from intracellular persistence of <i>Burkholderia cenocepacia</i> to acute pro-inflammatory infection. <i>PLoS Pathogens</i> , 2018, 14, e1007473.	4.7	13

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19	Identification of Loci of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> Involved in Lipolytic Activity and Their Role in Colonization of Kiwifruit Leaves. <i>Phytopathology</i> , 2017, 107, 645-653.	2.2	12
20	A versatile plasmid biosensor useful to identify quorum sensing LuxR-family orphans in bacterial strains. <i>Journal of Microbiological Methods</i> , 2008, 73, 273-275.	1.6	11
21	Functional metagenomic analysis of quorum sensing signaling in a nitrifying community. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 79.	6.4	8
22	Studies on synthetic LuxR solo hybrids. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 52.	3.9	7
23	Design, Synthesis and Biological Evaluation of Novel Anthraniloyl-AMP Mimics as PQS Biosynthesis Inhibitors Against <i>Pseudomonas aeruginosa</i> Resistance. <i>Molecules</i> , 2020, 25, 3103.	3.8	7
24	Carbon starvation of <i>Pseudomonas aeruginosa</i> biofilms selects for dispersal insensitive mutants. <i>BMC Microbiology</i> , 2021, 21, 255.	3.3	7
25	Methods to Study Solo/Orphan Quorum-Sensing Receptors. <i>Methods in Molecular Biology</i> , 2018, 1673, 145-159.	0.9	6
26	N-Acyl Homoserine Lactone-Mediated Quorum Sensing Regulates Species Interactions in Multispecies Biofilm Communities. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 646991.	3.9	6
27	Rice bacterial endophytes: isolation of a collection, identification of beneficial strains and microbiome analysis. <i>Environmental Microbiology</i> , 2016, , n/a-n/a.	3.8	0
28	Bacterial Quorum Sensing in Multispecies Communities. , 2020, , 157-174.		0