

Manuel Romero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/910522/publications.pdf>

Version: 2024-02-01

30
papers

1,215
citations

430874

18
h-index

477307

29
g-index

34
all docs

34
docs citations

34
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	Quorum quenching activity in <i>Anabaena</i> sp. PCC 7120: identification of AiiC, a novel AHL-acylase. FEMS Microbiology Letters, 2008, 280, 73-80.	1.8	139
2	Quorum quenching in cultivable bacteria from dense marine coastal microbial communities. FEMS Microbiology Ecology, 2011, 75, 205-217.	2.7	121
3	Acylhomoserine lactone production and degradation by the fish pathogen <i>Tenacibaculum maritimum</i> , a member of the <i>Cytophaga-Flavobacterium-Bacteroides</i> (CFB) group. FEMS Microbiology Letters, 2010, 304, 131-139.	1.8	101
4	RsmW, <i>Pseudomonas aeruginosa</i> small non-coding RsmA-binding RNA upregulated in biofilm versus planktonic growth conditions. BMC Microbiology, 2016, 16, 155.	3.3	76
5	Determination of Whether Quorum Quenching Is a Common Activity in Marine Bacteria by Analysis of Cultivable Bacteria and Metagenomic Sequences. Applied and Environmental Microbiology, 2012, 78, 6345-6348.	3.1	73
6	Patents on Quorum Quenching: Interfering with Bacterial Communication as a Strategy to Fight Infections. Recent Patents on Biotechnology, 2012, 6, 2-12.	0.8	68
7	Biotechnological applications of <i>Bacillus licheniformis</i> . Critical Reviews in Biotechnology, 2021, 41, 609-627.	9.0	67
8	Genome-wide mapping of the RNA targets of the <i>Pseudomonas aeruginosa</i> riboregulatory protein RsmN. Nucleic Acids Research, 2018, 46, 6823-6840.	14.5	58
9	Dual bioresponsive antibiotic and quorum sensing inhibitor combination nanoparticles for treatment of <i>Pseudomonas aeruginosa</i> biofilms <i>in vitro</i> and <i>ex vivo</i> . Biomaterials Science, 2019, 7, 4099-4111.	5.4	56
10	Multiple Quorum Quenching Enzymes Are Active in the Nosocomial Pathogen <i>Acinetobacter baumannii</i> ATCC17978. Frontiers in Cellular and Infection Microbiology, 2018, 8, 310.	3.9	55
11	<i>In vitro</i> quenching of fish pathogen <i>Edwardsiella tarda</i> AHL production using marine bacterium <i>Tenacibaculum</i> sp. strain 20J cell extracts. Diseases of Aquatic Organisms, 2014, 108, 217-225.	1.0	48
12	N-acylhomoserine lactone-degrading bacteria isolated from hatchery bivalve larval cultures. Microbiological Research, 2013, 168, 547-554.	5.3	45
13	Quorum Sensing as a Target for Controlling Surface Associated Motility and Biofilm Formation in <i>Acinetobacter baumannii</i> ATCC® 17978™. Frontiers in Microbiology, 2020, 11, 565548.	3.5	37
14	Inhibition of <i>Streptococcus mutans</i> biofilm formation by extracts of <i>Tenacibaculum</i> sp. 20J, a bacterium with wide-spectrum quorum quenching activity. Journal of Oral Microbiology, 2018, 10, 1429788.	2.7	36
15	Hit Identification of New Potent PqsR Antagonists as Inhibitors of Quorum Sensing in Planktonic and Biofilm Grown <i>Pseudomonas aeruginosa</i> . Frontiers in Chemistry, 2020, 8, 204.	3.6	29
16	Quorum sensing N-acylhomoserine lactone signals affect nitrogen fixation in the cyanobacterium <i>Anabaena</i> sp. PCC7120. FEMS Microbiology Letters, 2011, 315, 101-108.	1.8	28
17	The <i>Pseudomonas putida</i> CsrA/RsmA homologues negatively affect c-di-GMP pools and biofilm formation through the GGDEF/EAL response regulator CfcR. Environmental Microbiology, 2017, 19, 3551-3566.	3.8	22
18	Design and Evaluation of New Quinazolin-4(3 <i>H</i>)-one Derived PqsR Antagonists as Quorum Sensing Quenchers in <i>Pseudomonas aeruginosa</i> . ACS Infectious Diseases, 2021, 7, 2666-2685.	3.8	22

#	ARTICLE	IF	CITATIONS
19	Biocompatible Unimolecular Micelles Obtained via the Passerini Reaction as Versatile Nanocarriers for Potential Medical Applications. <i>Biomacromolecules</i> , 2019, 20, 90-101.	5.4	21
20	Silencing Bacterial Communication Through Enzymatic Quorum-Sensing Inhibition. , 2015, , 219-236.		20
21	2-Trimethylolpropane triacrylate impacts surface-associated bacterial behaviours and hinders plant-bacteria interactions. <i>Environmental Microbiology</i> , 2018, 20, 2049-2065.	3.8	18
22	Expanding Biomaterial Surface Topographical Design Space through Natural Surface Reproduction. <i>Advanced Materials</i> , 2021, 33, e2102084.	21.0	16
23	Mushroom-shaped structures formed in <i>Acinetobacter baumannii</i> biofilms grown in a roller bioreactor are associated with quorum sensing-dependent Csu pilus assembly. <i>Environmental Microbiology</i> , 2022, 24, 4329-4339.	3.8	12
24	Effect of surfactant on <i>Pseudomonas aeruginosa</i> colonization of polymer microparticles and flat films. <i>RSC Advances</i> , 2018, 8, 15352-15357.	3.6	10
25	Achieving Microparticles with Cell-Instructive Surface Chemistry by Using Tunable Co-Polymer Surfactants. <i>Advanced Functional Materials</i> , 2020, 30, 2001821.	14.9	9
26	AhaP, A Quorum Quenching Acylase from <i>Psychrobacter</i> sp. M9-54-1 That Attenuates <i>Pseudomonas aeruginosa</i> and <i>Vibrio coralliilyticus</i> Virulence. <i>Marine Drugs</i> , 2021, 19, 16.	4.6	8
27	Genome-Wide Analysis of Targets for Post-Transcriptional Regulation by Rsm Proteins in <i>Pseudomonas putida</i> . <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 624061.	3.5	8
28	Tobramycin-loaded complexes to prevent and disrupt <i>Pseudomonas aeruginosa</i> biofilms. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1788-1810.	5.8	7
29	Quorum Sensing in <i>Acinetobacter</i> Virulence. <i>ACS Symposium Series</i> , 2020, , 115-137.	0.5	2
30	Fluid dynamics and cell-bound Psl polysaccharide allows microplastic capture, aggregation and subsequent sedimentation by <i>Pseudomonas aeruginosa</i> in water. <i>Environmental Microbiology</i> , 2022, 24, 1560-1572.	3.8	1