

# Manuel Romero

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	Biotechnological applications of <i>Bacillus licheniformis</i> . <i>Critical Reviews in Biotechnology</i> , 2021, 41, 609-627.	9.0	67
6	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
7	Expanding Biomaterial Surface Topographical Design Space through Natural Surface Reproduction. <i>Advanced Materials</i> , 2021, 33, e2102084.	21.0	16
8	Design and Evaluation of New Quinazolin-4(3H)-one Derived PqsR Antagonists as Quorum Sensing Quenchers in <i>Pseudomonas aeruginosa</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 2666-2685.	3.8	22
9	Quorum Sensing as a Target for Controlling Surface Associated Motility and Biofilm Formation in <i>Acinetobacter baumannii</i> ATCC® 17978TM. <i>Frontiers in Microbiology</i> , 2020, 11, 565548.	3.5	37
10	Quorum Sensing in <i>Acinetobacter</i> Virulence. <i>ACS Symposium Series</i> , 2020, , 115-137.	0.5	2
11	Hit Identification of New Potent PqsR Antagonists as Inhibitors of Quorum Sensing in Planktonic and Biofilm Grown <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Chemistry</i> , 2020, 8, 204.	3.6	29
12	Achieving Microparticles with Cell-Instructive Surface Chemistry by Using Tunable Co-Polymer Surfactants. <i>Advanced Functional Materials</i> , 2020, 30, 2001821.	14.9	9
13	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
14	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> . <i>Biomaterials Science</i> , 2019, 7, 4099-4111.	5.4	56
15	Tridecanone impacts surface-associated bacterial behaviours and hinders plant-bacteria interactions. <i>Environmental Microbiology</i> , 2018, 20, 2049-2065.	3.8	18
16	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
17	Inhibition of <i>Streptococcus mutans</i> biofilm formation by extracts of <i>Tenacibaculum</i> sp. 20J, a bacterium with wide-spectrum quorum quenching activity. <i>Journal of Oral Microbiology</i> , 2018, 10, 1429788.	2.7	36
18	Genome-wide mapping of the RNA targets of the <i>Pseudomonas aeruginosa</i> riboregulatory protein RsmN. <i>Nucleic Acids Research</i> , 2018, 46, 6823-6840.	14.5	58

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19	Multiple Quorum Quenching Enzymes Are Active in the Nosocomial Pathogen <i>Acinetobacter baumannii</i> ATCC17978. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 310.	3.9	55
20	The <i>Pseudomonas putida</i> CsrA/RsmA homologues negatively affect c-di-GMP pools and biofilm formation through the GGDEF/EAL response regulator CfcR. <i>Environmental Microbiology</i> , 2017, 19, 3551-3566.	3.8	22
21	RsmW, <i>Pseudomonas aeruginosa</i> small non-coding RsmA-binding RNA upregulated in biofilm versus planktonic growth conditions. <i>BMC Microbiology</i> , 2016, 16, 155.	3.3	76
22	Silencing Bacterial Communication Through Enzymatic Quorum-Sensing Inhibition. , 2015, , 219-236.		20
23	In vitro quenching of fish pathogen <i>Edwardsiella tarda</i> AHL production using marine bacterium <i>Tenacibaculum</i> sp. strain 20J cell extracts. <i>Diseases of Aquatic Organisms</i> , 2014, 108, 217-225.	1.0	48
24	N-acylhomoserine lactone-degrading bacteria isolated from hatchery bivalve larval cultures. <i>Microbiological Research</i> , 2013, 168, 547-554.	5.3	45
25	Determination of Whether Quorum Quenching Is a Common Activity in Marine Bacteria by Analysis of Cultivable Bacteria and Metagenomic Sequences. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6345-6348.	3.1	73
26	Patents on Quorum Quenching: Interfering with Bacterial Communication as a Strategy to Fight Infections. <i>Recent Patents on Biotechnology</i> , 2012, 6, 2-12.	0.8	68
27	Quorum sensing N-acylhomoserine lactone signals affect nitrogen fixation in the cyanobacterium <i>Anabaena</i> sp. PCC7120. <i>FEMS Microbiology Letters</i> , 2011, 315, 101-108.	1.8	28
28	Quorum quenching in cultivable bacteria from dense marine coastal microbial communities. <i>FEMS Microbiology Ecology</i> , 2011, 75, 205-217.	2.7	121
29	Acyllhomoserine lactone production and degradation by the fish pathogen <i>Tenacibaculum maritimum</i> , a member of the <i>Cytophaga-Flavobacterium-Bacteroides</i> (CFB) group. <i>FEMS Microbiology Letters</i> , 2010, 304, 131-139.	1.8	101
30	Quorum quenching activity in <i>Anabaena</i> sp. PCC 7120: identification of AiiC, a novel AHL-acylase. <i>FEMS Microbiology Letters</i> , 2008, 280, 73-80.	1.8	139