

# Andrea Muras

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

620  
citations

687363

13  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aii20J, a wide-spectrum thermostable N-acylhomoserine lactonase from the marine bacterium <i>Tenacibaculum</i> sp. 20J, can quench AHL-mediated acid resistance in <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9523-9539.	3.6	70
2	Biotechnological applications of <i>Bacillus licheniformis</i> . <i>Critical Reviews in Biotechnology</i> , 2021, 41, 609-627.	9.0	67
3	Anti-biofilm multi drug-loaded 3D printed hearing aids. <i>Materials Science and Engineering C</i> , 2021, 119, 111606.	7.3	59
4	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
5	Quorum sensing network in clinical strains of <i>A. baumannii</i> : AidA is a new quorum quenching enzyme. <i>PLoS ONE</i> , 2017, 12, e0174454.	2.5	54
6	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
7	High Prevalence of Quorum-Sensing and Quorum-Quenching Activity among Cultivable Bacteria and Metagenomic Sequences in the Mediterranean Sea. <i>Genes</i> , 2018, 9, 100.	2.4	37
8	Quorum Sensing as a Target for Controlling Surface Associated Motility and Biofilm Formation in <i>Acinetobacter baumannii</i> ATCC <sup>®</sup> 17978 <sup>TM</sup> . <i>Frontiers in Microbiology</i> , 2020, 11, 565548.	3.5	37
9	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
10	Acyl homoserine lactone-mediated quorum sensing in the oral cavity: a paradigm revisited. <i>Scientific Reports</i> , 2020, 10, 9800.	3.3	34
11	Short-Chain N-Acylhomoserine Lactone Quorum-Sensing Molecules Promote Periodontal Pathogens in <i>In Vitro</i> Oral Biofilms. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	26
12	Resveratrol-Loaded Hydrogel Contact Lenses with Antioxidant and Antibiofilm Performance. <i>Pharmaceutics</i> , 2021, 13, 532.	4.5	21
13	Silencing Bacterial Communication Through Enzymatic Quorum-Sensing Inhibition. , 2015, , 219-236.		20
14	Quorum Sensing versus Quenching Bacterial Isolates Obtained from MBR Plants Treating Leachates from Municipal Solid Waste. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1019.	2.6	16
15	Quorum sensing systems as a new target to prevent biofilm-related oral diseases. <i>Oral Diseases</i> , 2022, 28, 307-313.	3.0	15
16	The effect of bacteria on planula-larvae settlement and metamorphosis in the octocoral <i>Rhytisma fulvum fulvum</i> . <i>PLoS ONE</i> , 2019, 14, e0223214.	2.5	9
17	Quorum quenching and anti-biofilm activities of halotolerant <i>Bacillus</i> strains isolated in different environments in Algeria. <i>Journal of Applied Microbiology</i> , 2022, 132, 1825-1839.	3.1	6
18	Use of Quorum Sensing Inhibition Strategies to Control Microfouling. <i>Marine Drugs</i> , 2021, 19, 74.	4.6	5

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19	Evaluation of the Anti-fouling Efficacy of <i>Bacillus licheniformis</i> Extracts Under Environmental and Natural Conditions. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	3
20	Quorum Sensing in <i>Acinetobacter</i> Virulence. <i>ACS Symposium Series</i> , 2020, , 115-137.	0.5	2