

Rosana Barreto Rocha Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,189
citations

304368

22
h-index

243296

44
g-index

46
all docs

46
docs citations

46
times ranked

3470
citing authors

#	ARTICLE	IF	CITATIONS
1	Quorum sensing in bacterial virulence. <i>Microbiology (United Kingdom)</i> , 2010, 156, 2271-2282.	0.7	443
2	Effect of Antibiotic Treatment on the Intestinal Metabolome. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1494-1503.	1.4	258
3	The Intestinal Microbiota Plays a Role in Salmonella-Induced Colitis Independent of Pathogen Colonization. <i>PLoS ONE</i> , 2011, 6, e20338.	1.1	157
4	<i>Vibrio parahaemolyticus</i> ScrC Modulates Cyclic Dimeric GMP Regulation of Gene Expression Relevant to Growth on Surfaces. <i>Journal of Bacteriology</i> , 2008, 190, 851-860.	1.0	115
5	Impact of <i>Salmonella</i> Infection on Host Hormone Metabolism Revealed by Metabolomics. <i>Infection and Immunity</i> , 2011, 79, 1759-1769.	1.0	104
6	Molecular Mechanisms of Salmonella Virulence and Host Resistance. <i>Current Topics in Microbiology and Immunology</i> , 2009, 337, 93-127.	0.7	88
7	Autophagy Facilitates <i>Salmonella</i> Replication in HeLa Cells. <i>MBio</i> , 2014, 5, e00865-14.	1.8	84
8	Transcriptome Analysis of the <i>Vibrio fischeri</i> LuxR-LuxI Regulon. <i>Journal of Bacteriology</i> , 2007, 189, 8387-8391.	1.0	80
9	Intercellular communication in bacteria. <i>Critical Reviews in Microbiology</i> , 2009, 35, 69-80.	2.7	74
10	Should the Human Microbiome Be Considered When Developing Vaccines?. <i>PLoS Pathogens</i> , 2010, 6, e1001190.	2.1	71
11	Coagulase-Negative Staphylococci: Comparison of Phenotypic and Genotypic Oxacillin Susceptibility Tests and Evaluation of the Agar Screening Test by Using Different Concentrations of Oxacillin. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3609-3614.	1.8	65
12	Output Targets and Transcriptional Regulation by a Cyclic Dimeric GMP-Responsive Circuit in the <i>Vibrio parahaemolyticus</i> Scr Network. <i>Journal of Bacteriology</i> , 2012, 194, 914-924.	1.0	65
13	A Mutational Analysis Defines <i>Vibrio fischeri</i> LuxR Binding Sites. <i>Journal of Bacteriology</i> , 2008, 190, 4392-4397.	1.0	62
14	Neutrophil Elastase Alters the Murine Gut Microbiota Resulting in Enhanced Salmonella Colonization. <i>PLoS ONE</i> , 2012, 7, e49646.	1.1	55
15	Antivirulence Activity of the Human Gut Metabolome. <i>MBio</i> , 2014, 5, e01183-14.	1.8	45
16	Inhibition of Salmonella Host Cell Invasion by Dimethyl Sulfide. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5300-5304.	1.4	38
17	Genomic characterization of oxacillin-resistant <i>Staphylococcus epidermidis</i> and <i>Staphylococcus haemolyticus</i> isolated from Brazilian medical centres. <i>Journal of Hospital Infection</i> , 2005, 59, 19-26.	1.4	33
18	Metabolomics Reveals Phospholipids as Important Nutrient Sources during Salmonella Growth in Bile In Vitro and In Vivo. <i>Journal of Bacteriology</i> , 2011, 193, 4719-4725.	1.0	32

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19	Repression of Salmonella Host Cell Invasion by Aromatic Small Molecules from the Human Fecal Metabolome. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	31
20	Simplified and Reliable Scheme for Species-Level Identification of Staphylococcus Clinical Isolates. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2564-2569.	1.8	30
21	Cell Surface Hydrophobicity and Slime Production of Staphylococcus epidermidis Brazilian Isolates. <i>Current Microbiology</i> , 2003, 46, 280-286.	1.0	29
22	Small Molecules Produced by Commensal Staphylococcus epidermidis Disrupt Formation of Biofilms by Staphylococcus aureus. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	25
23	Simultaneous detection of the mecA and ileS-2 genes in coagulase-negative staphylococci isolated from Brazilian hospitals by multiplex PCR. <i>Diagnostic Microbiology and Infectious Disease</i> , 2002, 42, 205-212.	0.8	21
24	Repression of Salmonella enterica <i>phoP</i> Expression by Small Molecules from Physiological Bile. <i>Journal of Bacteriology</i> , 2012, 194, 2286-2296.	1.0	19
25	Global priority pathogens: virulence, antimicrobial resistance and prospective treatment options. <i>Future Microbiology</i> , 2020, 15, 649-677.	1.0	19
26	Defensins keep the peace too. <i>Nature Immunology</i> , 2010, 11, 49-50.	7.0	17
27	Metabolic profiles of multidrug resistant and extensively drug resistant Mycobacterium tuberculosis unveiled by metabolomics. <i>Tuberculosis</i> , 2021, 126, 102043.	0.8	15
28	Osmotic stress induces biofilm production by Staphylococcus epidermidis isolates from neonates. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 94, 337-341.	0.8	14
29	The role of two-component regulatory systems in environmental sensing and virulence in <i>Salmonella</i> . <i>Critical Reviews in Microbiology</i> , 2021, 47, 397-434.	2.7	13
30	A Highly Effective Component Vaccine against Nontyphoidal Salmonella enterica Infections. <i>MBio</i> , 2015, 6, e01421-15.	1.8	11
31	The Gut Microbiome and Metabolome of Two Riparian Communities in the Amazon. <i>Frontiers in Microbiology</i> , 2019, 10, 2003.	1.5	10
32	Harvesting the biological potential of the human gut microbiome. <i>BioEssays</i> , 2011, 33, 414-418.	1.2	8
33	Biofilms and bacterial virulence. <i>Reviews in Medical Microbiology</i> , 2011, 22, 12-16.	0.4	8
34	Genetic mutations in the quinolone resistance-determining region are related to changes in the epidemiological profile of methicillin-resistant Staphylococcus aureus isolates. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 19, 236-240.	0.9	8
35	Antimicrobial polysaccharides obtained from natural sources. <i>Future Microbiology</i> , 2022, 17, 701-716.	1.0	8
36	Differential proteomic analysis of outer membrane enriched extracts of Bacteroides fragilis grown under bile salts stress. <i>Anaerobe</i> , 2016, 39, 84-90.	1.0	7

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37	Bringing Koch's Postulates to the Table in IBD. <i>Cell Host and Microbe</i> , 2011, 9, 353-354.	5.1	5
38	Identifying an immune signature against invasive <i>Salmonella</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4721-4722.	3.3	5
39	Bioactive small molecules produced by the human gut microbiome modulate <i>Vibrio cholerae</i> sessile and planktonic lifestyles. <i>Gut Microbes</i> , 2021, 13, 1-19.	4.3	4
40	Bioactive Molecules of the Human Microbiome. , 2019, , 115-125.		3
41	Increased biofilm formation by <i>Staphylococcus aureus</i> clinical isolates on surfaces covered with plasma proteins. <i>Journal of Medical Microbiology</i> , 2021, 70, .	0.7	3
42	Reply to Kumari and Singh, "Antibiofilm Activity of Small Molecules Produced by <i>Staphylococcus epidermidis</i> against <i>Staphylococcus aureus</i> ". <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	2
43	Genome Sequence of a Highly Virulent pvl-positive Vancomycin intermediate-resistant <i>Staphylococcus aureus</i> Sequence Type 30. <i>Current Genomics</i> , 2020, 21, 128-137.	0.7	2
44	Antibiofilm activity of <i>Cutibacterium acnes</i> cell-free conditioned media against <i>Staphylococcus</i> spp.. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 2373-2383.	0.8	1
45	Extraction of Small Molecules from Fecal Samples and Testing of Their Activity on Microbial Physiology. <i>Bio-protocol</i> , 2018, 8, e2808.	0.2	0