

# Isabelle Caldelari

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,063  
citations

623574

14  
h-index

677027

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1200  
citing authors

#	ARTICLE	IF	CITATIONS
1	The 3' UTR-derived sRNA RsaG coordinates redox homeostasis and metabolism adaptation in response to glucose phosphate uptake in <i>Staphylococcus aureus</i> . <i>Molecular Microbiology</i> , 2022, 117, 193-214.	1.2	15
2	RNase III CLASH in MRSA uncovers sRNA regulatory networks coupling metabolism to toxin expression. <i>Nature Communications</i> , 2022, 13, .	5.8	14
3	RNA thermoswitches modulate <i>Staphylococcus aureus</i> adaptation to ambient temperatures. <i>Nucleic Acids Research</i> , 2021, 49, 3409-3426.	6.5	20
4	Assembling the Current Pieces: The Puzzle of RNA-Mediated Regulation in <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 706690.	1.5	7
5	The power of cooperation: Experimental and computational approaches in the functional characterization of bacterial sRNAs. <i>Molecular Microbiology</i> , 2020, 113, 603-612.	1.2	27
6	Differential evolution in 3' UTRs leads to specific gene expression in <i>Staphylococcus</i> . <i>Nucleic Acids Research</i> , 2020, 48, 2544-2563.	6.5	19
7	Navigation through the twists and turns of RNA sequencing technologies: Application to bacterial regulatory RNAs. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194506.	0.9	11
8	RsaC sRNA modulates the oxidative stress response of <i>Staphylococcus aureus</i> during manganese starvation. <i>Nucleic Acids Research</i> , 2019, 47, 9871-9887.	6.5	71
9	A multifaceted small <i>scp</i> RNA modulates gene expression upon glucose limitation in <i>Staphylococcus aureus</i> . <i>EMBO Journal</i> , 2019, 38, .	3.5	44
10	MS2-Affinity Purification Coupled With RNA Sequencing Approach in the Human Pathogen <i>Staphylococcus aureus</i> . <i>Methods in Enzymology</i> , 2018, 612, 393-411.	0.4	11
11	The RNA targetome of <i>Staphylococcus aureus</i> non-coding RNA RsaA: impact on cell surface properties and defense mechanisms. <i>Nucleic Acids Research</i> , 2017, 45, 6746-6760.	6.5	41
12	Complete Genome Sequence and Annotation of the <i>Staphylococcus aureus</i> Strain HG001. <i>Genome Announcements</i> , 2017, 5, .	0.8	17
13	<i>Staphylococcus aureus</i> RNAIII and Its Regulon Link Quorum Sensing, Stress Responses, Metabolic Adaptation, and Regulation of Virulence Gene Expression. <i>Annual Review of Microbiology</i> , 2016, 70, 299-316.	2.9	153
14	Various checkpoints prevent the synthesis of <i>Staphylococcus aureus</i> peptidoglycan hydrolase LytM in the stationary growth phase. <i>RNA Biology</i> , 2016, 13, 427-440.	1.5	8
15	Multiple ways to regulate translation initiation in bacteria: Mechanisms, regulatory circuits, dynamics. <i>Biochimie</i> , 2015, 114, 18-29.	1.3	55
16	A Non-Coding RNA Promotes Bacterial Persistence and Decreases Virulence by Regulating a Regulator in <i>Staphylococcus aureus</i> . <i>PLoS Pathogens</i> , 2014, 10, e1003979.	2.1	110
17	The importance of regulatory RNAs in <i>Staphylococcus aureus</i> . <i>Infection, Genetics and Evolution</i> , 2014, 21, 616-626.	1.0	41
18	Novel aspects of RNA regulation in <i>Staphylococcus aureus</i> . <i>FEBS Letters</i> , 2014, 588, 2523-2529.	1.3	49

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19	In vivo mapping of RNA-RNA interactions in <i>Staphylococcus aureus</i> using the endoribonuclease III. <i>Methods</i> , 2013, 63, 135-143.	1.9	18
20	RNA-Mediated Regulation in Pathogenic Bacteria. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a010298-a010298.	2.9	157
21	Global Regulatory Functions of the <i>Staphylococcus aureus</i> Endoribonuclease III in Gene Expression. <i>PLoS Genetics</i> , 2012, 8, e1002782.	1.5	128
22	Current knowledge on regulatory RNAs and their machineries in <i>Staphylococcus aureus</i> . <i>RNA Biology</i> , 2012, 9, 402-413.	1.5	47