# David Lalaouna

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 31 papers | 964 citations | 567281 15 h-index | 477307 29 g-index |
| 32 all docs | 32 docs citations | 32 times ranked | 1093 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The noncoding RNA CcnA modulates the master cell cycle regulators CtrA and GcrA in Caulobacter crescentus. PLoS Biology, 2022, 20, e3001528. | 5.6 | 6 |
| 2 | Phytobeneficial traits of rhizobacteria under the control of multiple molecular dialogues. Microbial Biotechnology, 2022, 15, 2083-2096. | 4.2 | 4 |
| 3 | RNA Sequencing Unveils Very Small RNAs With Potential Regulatory Functions in Bacteria. Frontiers in Molecular Biosciences, 2022, 9, . | 3.5 | 12 |
| 4 | Evolutionary history expands the range of signaling interactions in hybrid multikinase networks. Scientific Reports, 2021, 11, 11763. | 3.3 | 3 |
| 5 | Assembling the Current Pieces: The Puzzle of RNA-Mediated Regulation in Staphylococcus aureus. Frontiers in Microbiology, 2021, 12, 706690. | 3.5 | 7 |
| 6 | Burning the Candle at Both Ends: Have Exoribonucleases Driven Divergence of Regulatory RNA Mechanisms in Bacteria?. MBio, 2021, 12, e0104121. | 4.1 | 11 |
| 7 | Binding of the RNA Chaperone Hfq on Target mRNAs Promotes the Small RNA RyhB-Induced Degradation in Escherichia coli. Non-coding RNA, 2021, 7, 64. | 2.6 | 2 |
| 8 | Amplifying and Fine-Tuning Rsm sRNAs Expression and Stability to Optimize the Survival of Pseudomonas brassicacerum in Nutrient-Poor Environments. Microorganisms, 2021, 9, 250. | 3.6 | 5 |
| 9 | The power of cooperation: Experimental and computational approaches in the functional characterization of bacterial sRNAs. Molecular Microbiology, 2020, 113, 603-612. | 2.5 | 27 |
| 10 | Navigation through the twists and turns of RNA sequencing technologies: Application to bacterial regulatory RNAs. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194506. | 1.9 | 11 |
| 11 | GcvB small RNA uses two distinct seed regions to regulate an extensive targetome. Molecular Microbiology, 2019, 111, 473-486. | 2.5 | 38 |
| 12 | RsaC sRNA modulates the oxidative stress response of Staphylococcus aureus during manganese starvation. Nucleic Acids Research, 2019, 47, 9871-9887. | 14.5 | 71 |
| 13 | SraL sRNA interaction regulates the terminator by preventing premature transcription termination of rho mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3042-3051. | 7.1 | 37 |
| 14 | Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, . | 3.0 | 15 |
| 15 | Contrasting silencing mechanisms of the same target mRNA by two regulatory RNAs in Escherichia coli. Nucleic Acids Research, 2018, 46, 2600-2612. | 14.5 | 23 |
| 16 | MS2-Affinity Purification Coupled With RNA Sequencing Approach in the Human Pathogen Staphylococcus aureus. Methods in Enzymology, 2018, 612, 393-411. | 1.0 | 11 |
| 17 | Broadening the Definition of Bacterial Small RNAs: Characteristics and Mechanisms of Action. Annual Review of Microbiology, 2018, 72, 141-161. | 7.3 | 70 |
| 18 | Cut in translation: ribosomeâ€dependent <scp>mRNA</scp> decay. EMBO Journal, 2017, 36, 1120-1122. | 7.8 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Identification of unknown RNA partners using MAPS. Methods, 2017, 117, 28-34. | 3.8 | 29 |
| 20 | A game of tag: MAPS catches up on RNA interactomes. RNA Biology, 2016, 13, 473-476. | 3.1 | 17 |
| 21 | The spectrum of activity of the small RNA DsrA: not so narrow after all. Current Genetics, 2016, 62, 261-264. | 1.7 | 17 |
| 22 | <scp>DsrA</scp> regulatory <scp>RNA</scp> represses both hns and rbs<scp>D</scp> m<scp>RNA</scp>s through distinct mechanisms in <scp>E</scp>scherichia coli. Molecular Microbiology, 2015, 98, 357-369. | 2.5 | 50 |
| 23 | Every little piece counts: the many faces of tRNA transcripts. Transcription, 2015, 6, 74-77. | 3.1 | 13 |
| 24 | Identification of sRNA interacting with a transcript of interest using MS2-affinity purification coupled with RNA sequencing (MAPS) technology. Genomics Data, 2015, 5, 136-138. | 1.3 | 31 |
| 25 | The shock absorber: preventing sRNA transcriptional noise. Cell Cycle, 2015, 14, 2539-2540. | 2.6 | 3 |
| 26 | A 3â€² External Transcribed Spacer in a tRNA Transcript Acts as a Sponge for Small RNAs to Prevent Transcriptional Noise. Molecular Cell, 2015, 58, 393-405. | 9.7 | 173 |
| 27 | Regulatory RNAs Involved in Bacterial Antibiotic Resistance. PLoS Pathogens, 2014, 10, e1004299. | 4.7 | 33 |
| 28 | Regulatory RNAs and target mRNA decay in prokaryotes. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2013, 1829, 742-747. | 1.9 | 120 |
| 29 | Phenotypic Switching in Pseudomonas brassicacearum Involves GacS- and GacA-Dependent Rsm Small RNAs. Applied and Environmental Microbiology, 2012, 78, 1658-1665. | 3.1 | 61 |
| 30 | Complete Genome Sequence of a Beneficial Plant Root-Associated Bacterium, Pseudomonas brassicacearum. Journal of Bacteriology, 2011, 193, 3146-3146. | 2.2 | 48 |
| 31 | Battle for Metals: Regulatory RNAs at the Front Line. Frontiers in Cellular and Infection Microbiology, 0, 12, . | 3.9 | 9 |