

# Paul Babitzke

## List of Publications by Year in descending order

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106  
papers

9,224  
citations

34016

52  
h-index

42291

92  
g-index

110  
all docs

110  
docs citations

110  
times ranked

4327  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | New method for generating deletions and gene replacements in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1989, 171, 4617-4622.  | 1.0 | 713       |
| 2  | CsrB sRNA family: sequestration of RNA-binding regulatory proteins. <i>Current Opinion in Microbiology</i> , 2007, 10, 156-163.  | 2.3 | 387       |
| 3  | A novel sRNA component of the carbon storage regulatory system of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2003, 48, 657-670.   | 1.2 | 364       |
| 4  | Positive regulation of motility and <i>flhDC</i> expression by the RNA-binding protein CsrA of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2001, 40, 245-256.  | 1.2 | 359       |
| 5  | Regulation of Bacterial Virulence by Csr (Rsm) Systems. <i>Microbiology and Molecular Biology Reviews</i> , 2015, 79, 193-224.   | 2.9 | 309       |
| 6  | The Ams (altered mRNA stability) protein and ribonuclease E are encoded by the same structural gene of <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 1-5. | 3.3 | 301       |
| 7  | CsrA post-transcriptionally represses <i>pgaABCD</i> , responsible for synthesis of a biofilm polysaccharide adhesin of <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2005, 56, 1648-1663.                                   | 1.2 | 280       |
| 8  | Post-transcriptional regulation on a global scale: form and function of Csr/Rsm systems. <i>Environmental Microbiology</i> , 2013, 15, 313-324.  | 1.8 | 264       |
| 9  | Regulatory Circuitry of the CsrA/CsrB and BarA/UvrY Systems of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2002, 184, 5130-5140.  | 1.0 | 257       |
| 10 | CsrA regulates glycogen biosynthesis by preventing translation of <i>glgC</i> in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2002, 44, 1599-1610.  | 1.2 | 257       |
| 11 | RNA sequence and secondary structure participate in high-affinity CsrA-RNA interaction. <i>Rna</i> , 2005, 11, 1579-1587.  | 1.6 | 253       |
| 12 | Identification of a novel regulatory protein (CsrD) that targets the global regulatory RNAs CsrB and CsrC for degradation by RNase E. <i>Genes and Development</i> , 2006, 20, 2605-2617.  | 2.7 | 252       |
| 13 | CsrA Regulates Translation of the <i>Escherichia coli</i> Carbon Starvation Gene, <i>cstA</i> , by Blocking Ribosome Access to the <i>cstA</i> Transcript. <i>Journal of Bacteriology</i> , 2003, 185, 4450-4460.                        | 1.0 | 174       |
| 14 | CsrA activates <i>flhDC</i> expression by protecting <i>flhDC</i> mRNA from RNase E-mediated cleavage. <i>Molecular Microbiology</i> , 2013, 87, 851-866.  | 1.2 | 169       |
| 15 | Circuitry linking the Csr and stringent response global regulatory systems. <i>Molecular Microbiology</i> , 2011, 80, 1561-1580.   | 1.2 | 162       |
| 16 | Global role of the bacterial post-transcriptional regulator CsrA revealed by integrated transcriptomics. <i>Nature Communications</i> , 2017, 8, 1596.   | 5.8 | 157       |
| 17 | Global Regulation by CsrA and Its RNA Antagonists. <i>Microbiology Spectrum</i> , 2018, 6, .   | 1.2 | 148       |
| 18 | Complexity in Regulation of Tryptophan Biosynthesis in <i>Bacillus subtilis</i> . <i>Annual Review of Genetics</i> , 2005, 39, 47-68.  | 3.2 | 143       |

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|----|--|-----|-----------|
| 19 | Integration of a complex regulatory cascade involving the SirA/BarA and Csr global regulatory systems that controls expression of the <i>Salmonella</i> SPI-1 and SPI-2 virulence regulons through HilD. <i>Molecular Microbiology</i> , 2011, 80, 1637-1656.                    | 1.2 | 138       |
| 20 | Reconstitution of <i>Bacillus subtilis</i> trp attenuation in vitro with TRAP, the trp RNA-binding attenuation protein.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 133-137.   | 3.3 | 134       |
| 21 | Regulatory Interactions of Csr Components: the RNA Binding Protein CsrA Activates csrB Transcription in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2001, 183, 6017-6027.   | 1.0 | 134       |
| 22 | CsrA Inhibits Translation Initiation of <i>Escherichia coli</i> hfq by Binding to a Single Site Overlapping the Shine-Dalgarno Sequence. <i>Journal of Bacteriology</i> , 2007, 189, 5472-5481.  | 1.0 | 124       |
| 23 | Analysis of mRNA decay and rRNA processing in <i>Escherichia coli</i> multiple mutants carrying a deletion in RNase III. <i>Journal of Bacteriology</i> , 1993, 175, 229-239.  | 1.0 | 118       |
| 24 | Regulation of Translation Initiation by RNA Binding Proteins. <i>Annual Review of Microbiology</i> , 2009, 63, 27-44.  | 2.9 | 112       |
| 25 | CsrA-FliW interaction governs flagellin homeostasis and a checkpoint on flagellar morphogenesis in <i>Bacillus subtilis</i> . <i>Molecular Microbiology</i> , 2011, 82, 447-461.   | 1.2 | 104       |
| 26 | Comprehensive Alanine-scanning Mutagenesis of <i>Escherichia coli</i> CsrA Defines Two Subdomains of Critical Functional Importance. <i>Journal of Biological Chemistry</i> , 2006, 281, 31832-31842.  | 1.6 | 103       |
| 27 | Molecular Geometry of CsrA (RsmA) Binding to RNA and Its Implications for Regulated Expression. <i>Journal of Molecular Biology</i> , 2009, 392, 511-528.  | 2.0 | 103       |
| 28 | trp RNA-binding attenuation protein (TRAP)-trp leader RNA interactions mediate translational as well as transcriptional regulation of the <i>Bacillus subtilis</i> trp operon. <i>Journal of Bacteriology</i> , 1995, 177, 6362-6370.  | 1.0 | 99        |
| 29 | CsrA of <i>Bacillus subtilis</i> regulates translation initiation of the gene encoding the flagellin protein (hag) by blocking ribosome binding. <i>Molecular Microbiology</i> , 2007, 64, 1605-1620.  | 1.2 | 92        |
| 30 | Complex regulation of the global regulatory gene <i>csrA</i> : CsrA-mediated translational repression, transcription from five promoters by $\sigma^{70}$ and $\sigma^{S}$ , and indirect transcriptional activation by CsrA. <i>Molecular Microbiology</i> , 2011, 81, 689-704. | 1.2 | 92        |
| 31 | Mechanism of <i>hcnA</i> mRNA recognition in the Gac/Rsm signal transduction pathway of <i>Pseudomonas fluorescens</i> . <i>Molecular Microbiology</i> , 2007, 66, 341-356.  | 1.2 | 90        |
| 32 | NusA-stimulated RNA polymerase pausing and termination participates in the <i>Bacillus subtilis</i> trp operon attenuation mechanism in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11067-11072.                   | 3.3 | 88        |
| 33 | trp RNA-binding Attenuation Protein-mediated Long Distance RNA Refolding Regulates Translation of trpE in <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 20494-20503.  | 1.6 | 84        |
| 34 | Regulation of tryptophan biosynthesis: Trp-ing the TRAP or how <i>Bacillus subtilis</i> reinvented the wheel. <i>Molecular Microbiology</i> , 1997, 26, 1-9.   | 1.2 | 81        |
| 35 | Transcription attenuation. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1577, 240-250.  | 2.4 | 80        |
| 36 | Posttranscription Initiation Control of Tryptophan Metabolism in <i>Bacillus subtilis</i> by the trp RNA-Binding Attenuation Protein (TRAP), anti-TRAP, and RNA Structure. <i>Journal of Bacteriology</i> , 2001, 183, 5795-5802.  | 1.0 | 77        |

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|----|--|-----|-----------|
| 37 | TRAP, the trp RNA-binding attenuation protein of <i>Bacillus subtilis</i> , is a toroid-shaped molecule that binds transcripts containing GAG or UAG repeats separated by two nucleotides. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 7916-7920. | 3.3 | 73        |
| 38 | Dual Posttranscriptional Regulation via a Cofactor-Responsive mRNA Leader. Journal of Molecular Biology, 2013, 425, 3662-3677.   | 2.0 | 73        |
| 39 | A Genome-Wide Analysis of Small Regulatory RNAs in the Human Pathogen Group A <i>Streptococcus</i> . PLoS ONE, 2009, 4, e7668.   | 1.1 | 71        |
| 40 | The trp RNA-binding attenuation protein regulates TrpG synthesis by binding to the trpG ribosome binding site of <i>Bacillus subtilis</i> . Journal of Bacteriology, 1997, 179, 2582-2586.   | 1.0 | 69        |
| 41 | NusA-dependent transcription termination prevents misregulation of global gene expression. Nature Microbiology, 2016, 1, 15007.  | 5.9 | 68        |
| 42 | Translational Repression of NhaR, a Novel Pathway for Multi-Tier Regulation of Biofilm Circuitry by CsrA. Journal of Bacteriology, 2012, 194, 79-89.   | 1.0 | 67        |
| 43 | Regulation of transcription attenuation and translation initiation by allosteric control of an RNA-binding protein: the <i>Bacillus subtilis</i> TRAP protein. Current Opinion in Microbiology, 2004, 7, 132-139.  | 2.3 | 64        |
| 44 | The mtrAB operon of <i>Bacillus subtilis</i> encodes GTP cyclohydrolase I (MtrA), an enzyme involved in folic acid biosynthesis, and MtrB, a regulator of tryptophan biosynthesis. Journal of Bacteriology, 1992, 174, 2059-2064.  | 1.0 | 63        |
| 45 | NusG Is a Sequence-specific RNA Polymerase Pause Factor That Binds to the Non-template DNA within the Paused Transcription Bubble. Journal of Biological Chemistry, 2016, 291, 5299-5308.  | 1.6 | 63        |
| 46 | Regulation of CsrB/C sRNA decay by EIIA <sup>Glc</sup> of the phosphoenolpyruvate: carbohydrate phosphotransferase system. Molecular Microbiology, 2016, 99, 627-639.  | 1.2 | 62        |
| 47 | Myotonic dystrophy: Molecular windows on a complex etiology. Nucleic Acids Research, 1998, 26, 1363-1368.  | 6.5 | 59        |
| 48 | The trp RNA-Binding Attenuation Protein of <i>Bacillus subtilis</i> Regulates Translation of the Tryptophan Transport Gene trpP ( yhaG ) by Blocking Ribosome Binding. Journal of Bacteriology, 2004, 186, 278-286.  | 1.0 | 59        |
| 49 | Function of the <i>Bacillus subtilis</i> transcription elongation factor NusG in hairpin-dependent RNA polymerase pausing in the trp leader. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16131-16136.  | 3.3 | 58        |
| 50 | Global effects of the DEAD RNA helicase DeaD (<sc>CsdA</sc>) on gene expression over a broad range of temperatures. Molecular Microbiology, 2014, 92, 945-958.   | 1.2 | 58        |
| 51 | Interaction of the trp RNA-Binding attenuation protein (TRAP) of <i>Bacillus subtilis</i> with RNA: effects of the number of GAG repeats, the nucleotides separating adjacent repeats, and RNA secondary structure. Journal of Bacteriology, 1996, 178, 5159-5163.                               | 1.0 | 56        |
| 52 | Effects of Mutations in the l-Tryptophan Binding Pocket of the trp RNA-binding Attenuation Protein of <i>Bacillus subtilis</i> . Journal of Biological Chemistry, 2000, 275, 4519-4524.  | 1.6 | 55        |
| 53 | FliW and FliS Function Independently To Control Cytoplasmic Flagellin Levels in <i>Bacillus subtilis</i> . Journal of Bacteriology, 2013, 195, 297-306.  | 1.0 | 55        |
| 54 | Antagonistic control of the turnover pathway for the global regulatory sRNA CsrB by the CsrA and CsrD proteins. Nucleic Acids Research, 2016, 44, 7896-7910.   | 6.5 | 54        |

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|----|--|-----|-----------|
| 55 | Posttranscription Initiation Control of Gene Expression Mediated by Bacterial RNA-Binding Proteins. <i>Annual Review of Microbiology</i> , 2019, 73, 43-67.  | 2.9 | 53        |
| 56 | Diverse Mechanisms and Circuitry for Global Regulation by the RNA-Binding Protein CsrA. <i>Frontiers in Microbiology</i> , 2020, 11, 601352.   | 1.5 | 48        |
| 57 | CsrA Represses Translation of <i>sdiA</i> , Which Encodes the N-Acylhomoserine-Lactone Receptor of <i>Escherichia coli</i> , by Binding Exclusively within the Coding Region of <i>sdiA</i> mRNA. <i>Journal of Bacteriology</i> , 2011, 193, 6162-6170. | 1.0 | 47        |
| 58 | Recycling of a regulatory protein by degradation of the RNA to which it binds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2747-2751.  | 3.3 | 46        |
| 59 | Circuitry Linking the Catabolite Repression and Csr Global Regulatory Systems of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2016, 198, 3000-3015.  | 1.0 | 45        |
| 60 | The Anti-trp RNA-binding Attenuation Protein (Anti-TRAP), AT, Recognizes the Tryptophan-activated RNA Binding Domain of the TRAP Regulatory Protein. <i>Journal of Biological Chemistry</i> , 2002, 277, 10608-10613.                                    | 1.6 | 44        |
| 61 | Expression of the <i>Bacillus subtilis</i> trpEDCFBA Operon Is Influenced by Translational Coupling and Rho Termination Factor. <i>Journal of Bacteriology</i> , 2001, 183, 5918-5926.   | 1.0 | 43        |
| 62 | NusG/Spt5: are there common functions of this ubiquitous transcription elongation factor?. <i>Current Opinion in Microbiology</i> , 2014, 18, 68-71.   | 2.3 | 43        |
| 63 | Gel Mobility Shift Assays to Detect Protein-RNA Interactions. <i>Methods in Molecular Biology</i> , 2012, 905, 201-211.  | 0.4 | 41        |
| 64 | FliW antagonizes CsrA RNA binding by a noncompetitive allosteric mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9870-9875.   | 3.3 | 41        |
| 65 | RNA Polymerase Pausing Regulates Translation Initiation by Providing Additional Time for TRAP-RNA Interaction. <i>Molecular Cell</i> , 2006, 24, 547-557.  | 4.5 | 39        |
| 66 | Translational Repression of the RpoS Antiadapter IraD by CsrA Is Mediated via Translational Coupling to a Short Upstream Open Reading Frame. <i>MBio</i> , 2017, 8, .  | 1.8 | 38        |
| 67 | Glyoxals as in vivo RNA structural probes of guanine base-pairing. <i>Rna</i> , 2018, 24, 114-124.   | 1.6 | 38        |
| 68 | NusG controls transcription pausing and RNA polymerase translocation throughout the <i>Bacillus subtilis</i> genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21628-21636.                    | 3.3 | 38        |
| 69 | Structural Features of L-Tryptophan Required for Activation of TRAP, the trp RNA-binding Attenuation Protein of <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 12452-12456.  | 1.6 | 37        |
| 70 | Mechanism of NusG-stimulated pausing, hairpin-dependent pause site selection and intrinsic termination at overlapping pause and termination sites in the <i>Bacillus subtilis</i> trp leader. <i>Molecular Microbiology</i> , 2010, 76, 690-705.         | 1.2 | 37        |
| 71 | In vivo RNA structural probing of uracil and guanine base-pairing by 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide (EDC). <i>Rna</i> , 2019, 25, 147-157.  | 1.6 | 37        |
| 72 | <i>csrR</i> , a Paralog and Direct Target of CsrA, Promotes <i>Legionella pneumophila</i> Resilience in Water. <i>MBio</i> , 2015, 6, e00595.  | 1.8 | 32        |

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|----|--|-----|-----------|
| 73 | The <i>Escherichia coli</i> <i>mrsC</i> Gene Is Required for Cell Growth and mRNA Decay. <i>Journal of Bacteriology</i> , 1998, 180, 1920-1928.  | 1.0 | 32        |
| 74 | CsrA Participates in a PNPase Autoregulatory Mechanism by Selectively Repressing Translation of <i>pnp</i> Transcripts That Have Been Previously Processed by RNase III and PNPase. <i>Journal of Bacteriology</i> , 2015, 197, 3751-3759.   | 1.0 | 30        |
| 75 | A 5â€² RNA Stem-Loop Participates in the Transcription Attenuation Mechanism That Controls Expression of the <i>Bacillus subtilis</i> <i>trpEDCFBA</i> Operon. <i>Journal of Bacteriology</i> , 1999, 181, 5742-5749.  | 1.0 | 29        |
| 76 | Circuitry Linking the Global Csr- and $\sigma^E$ -Dependent Cell Envelope Stress Response Systems. <i>Journal of Bacteriology</i> , 2017, 199, .   | 1.0 | 27        |
| 77 | Regulation of Iron Storage by CsrA Supports Exponential Growth of <i>Escherichia coli</i> . <i>MBio</i> , 2019, 10, .  | 1.8 | 27        |
| 78 | NusG is an intrinsic transcription termination factor that stimulates motility and coordinates gene expression with NusA. <i>ELife</i> , 2021, 10, .   | 2.8 | 27        |
| 79 | <i>trp</i> RNA-Binding Attenuation Protein-5â€² Stem-Loop RNA Interaction Is Required for Proper Transcription Attenuation Control of the <i>Bacillus subtilis</i> <i>trpEDCFBA</i> Operon. <i>Journal of Bacteriology</i> , 2000, 182, 1819-1827.                                 | 1.0 | 25        |
| 80 | The <i>trp</i> RNA-binding attenuation protein (TRAP) of <i>Bacillus subtilis</i> regulates translation initiation of <i>ycbK</i> , a gene encoding a putative efflux protein, by blocking ribosome binding. <i>Molecular Microbiology</i> , 2006, 61, 1252-1266.                  | 1.2 | 22        |
| 81 | Comprehensive Alanine-scanning Mutagenesis of <i>Escherichia coli</i> CsrA Defines Two Subdomains of Critical Functional Importance. <i>Journal of Biological Chemistry</i> , 2006, 281, 31832-31842.  | 1.6 | 22        |
| 82 | A Mg <sup>2+</sup> -dependent RNA Tertiary Structure Forms in the <i>Bacillus subtilis</i> <i>trp</i> Operon Leader Transcript and Appears to Interfere with <i>trpE</i> Translation Control by Inhibiting TRAP Binding. <i>Journal of Molecular Biology</i> , 2003, 332, 555-574. | 2.0 | 21        |
| 83 | Ribosomal protein L10(L12) <sub>4</sub> autoregulates expression of the <i>Bacillus subtilis</i> <i>rpJL</i> operon by a transcription attenuation mechanism. <i>Nucleic Acids Research</i> , 2015, 43, 7032-7043.   | 6.5 | 20        |
| 84 | CsrA-Mediated Translational Activation of <i>ymdA</i> Expression in <i>Escherichia coli</i> . <i>MBio</i> , 2020, 11, .  | 1.8 | 20        |
| 85 | NusG-Dependent RNA Polymerase Pausing and Tylosin-Dependent Ribosome Stalling Are Required for Tylosin Resistance by Inducing 23S rRNA Methylation in <i>Bacillus subtilis</i> . <i>MBio</i> , 2019, 10, .   | 1.8 | 18        |
| 86 | NusG-dependent RNA polymerase pausing is a frequent function of this universally conserved transcription elongation factor. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020, 55, 716-728.   | 2.3 | 18        |
| 87 | Examination of Csr regulatory circuitry using epistasis analysis with RNA-seq (Epi-seq) confirms that CsrD affects gene expression via CsrA, CsrB and CsrC. <i>Scientific Reports</i> , 2018, 8, 5373.   | 1.6 | 17        |
| 88 | CsrA regulation via binding to the base-pairing small RNA Spot 42. <i>Molecular Microbiology</i> , 2022, 117, 32-53.   | 1.2 | 17        |
| 89 | Aromatic Amino Acid Metabolism in <i>Bacillus subtilis</i> . , 0, , 233-244.   |     | 16        |
| 90 | Role of RNA Structure in Transcription Attenuation in <i>Bacillus subtilis</i> : The <i>trpEDCFBA</i> Operon as a Model System. <i>Methods in Enzymology</i> , 2003, 371, 392-404.   | 0.4 | 15        |

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|-----|--|-----|-----------|
| 91  | Structure-seq2 probing of RNA structure upon amino acid starvation reveals both known and novel RNA switches in <i>Bacillus subtilis</i> . <i>Rna</i> , 2020, 26, 1431-1447.   | 1.6 | 15        |
| 92  | Expression of <i>Bacillus subtilis</i> ABCF antibiotic resistance factor VmlR is regulated by RNA polymerase pausing, transcription attenuation, translation attenuation and (p)ppGpp. <i>Nucleic Acids Research</i> , 2022, 50, 6174-6189.  | 6.5 | 15        |
| 93  | Gene replacement method for determining conditions in which <i>Bacillus subtilis</i> genes are essential or dispensable for cell viability. <i>Applied Microbiology and Biotechnology</i> , 2004, 64, 382-386.   | 1.7 | 14        |
| 94  | TRAP-5' stem-loop interaction increases the efficiency of transcription termination in the <i>Bacillus subtilis</i> trpEDCFBA operon leader region. <i>Rna</i> , 2007, 13, 2020-2033.  | 1.6 | 14        |
| 95  | Modular Organization of the NusA- and NusG-Stimulated RNA Polymerase Pause Signal That Participates in the <i>Bacillus subtilis</i> trp Operon Attenuation Mechanism. <i>Journal of Bacteriology</i> , 2017, 199, .  | 1.0 | 14        |
| 96  | Translation Control of trpG from Transcripts Originating from the Folate Operon Promoter of <i>Bacillus subtilis</i> Is Influenced by Translation-Mediated Displacement of Bound TRAP, While Translation Control of Transcripts Originating from a Newly Identified trpG Promoter Is Not. <i>Journal of Bacteriology</i> , 2007, 189, 872-879. | 1.0 | 12        |
| 97  | An incoherent feedforward loop formed by SirA/BarA, HilE and HilD is involved in controlling the growth cost of virulence factor expression by <i>Salmonella Typhimurium</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009630.   | 2.1 | 12        |
| 98  | Molecular basis of TRAP-5' SL RNA interaction in the <i>Bacillus subtilis</i> trp operon transcription attenuation mechanism. <i>Rna</i> , 2009, 15, 55-66.  | 1.6 | 9         |
| 99  | Toxin MqsR cleaves single-stranded mRNA with various 5' ends. <i>MicrobiologyOpen</i> , 2016, 5, 370-377.  | 1.2 | 9         |
| 100 | Transcriptome-Wide Effects of NusA on RNA Polymerase Pausing in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2022, 204, e0053421.   | 1.0 | 9         |
| 101 | Global Regulation by CsrA and Its RNA Antagonists. , 2018, , 339-354.  |     | 5         |
| 102 | Csr (Rsm) System and Its Overlap and Interplay with Cyclic Di-GMP Regulatory Systems. , 2014, , 201-214.   |     | 4         |
| 103 | Noncanonical Translation Initiation Comes of Age. <i>Journal of Bacteriology</i> , 2017, 199, .  | 1.0 | 4         |
| 104 | Phylogenetic conservation of RNA secondary and tertiary structure in the trpEDCFBA operon leader transcript in <i>Bacillus</i> . <i>Rna</i> , 2003, 9, 1502-1515.  | 1.6 | 3         |
| 105 | Analysis of mRNA Decay Intermediates in <i>Bacillus subtilis</i> 3' Exoribonuclease and RNA Helicase Mutant Strains. <i>MBio</i> , 2022, 13, e0040022.   | 1.8 | 3         |
| 106 | Eliminating blurry bands in gels with a simple cost-effective repair to the gel cassette. <i>Rna</i> , 2016, 22, 1929-1930.  | 1.6 | 1         |