

# Jörg Vogel

## List of Publications by Year in descending order

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205  
papers

32,204  
citations

2975

93  
h-index

4774

169  
g-index

248  
all docs

248  
docs citations

248  
times ranked

25856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global RNA interactome of Salmonella discovers a 5â€² UTR sponge for the MicF small RNA that connects membrane permeability to transport capacity. <i>Molecular Cell</i> , 2022, 82, 629-644.e4.	9.7	37
2	Innovative developments and emerging technologies in RNA therapeutics. <i>RNA Biology</i> , 2022, 19, 313-332.	3.1	19
3	The DNA polymerase of bacteriophage YerA41 replicates its T-modified DNA in a primer-independent manner. <i>Nucleic Acids Research</i> , 2022, , .	14.5	2
4	An overview of gene regulation in bacteria by small RNAs derived from mRNA 3â€² ends. <i>FEMS Microbiology Reviews</i> , 2022, 46, .	8.6	37
5	Comprehensive analysis of PNA-based antisense antibiotics targeting various essential genes in uropathogenic <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2022, 50, 6435-6452.	14.5	18
6	Cellular RNA Targets of Cold Shock Proteins CspC and CspE and Their Importance for Serum Resistance in Septicemic <i>Escherichia coli</i> . <i>MSystems</i> , 2022, 7, .	3.8	11
7	Small <i>scp</i> RNAs in the Antarctic bacterium <i>Pseudomonas extremaustralis</i> responsive to oxygen availability and oxidative stress. <i>Environmental Microbiology Reports</i> , 2022, 14, 604-615.	2.4	2
8	Introducing differential RNA-seq mapping to track the early infection phase for <i>Pseudomonas</i> phage $\phi$ KZ. <i>RNA Biology</i> , 2021, 18, 1099-1110.	3.1	19
9	The SARS-CoV-2 RNAâ€“protein interactome in infected human cells. <i>Nature Microbiology</i> , 2021, 6, 339-353.	13.3	245
10	A genome-wide transcriptomic analysis of embryos fathered by obese males in a murine model of diet-induced obesity. <i>Scientific Reports</i> , 2021, 11, 1979.	3.3	6
11	Analysis of the RNA and Protein Complexome by Grad-seq. <i>Methods in Molecular Biology</i> , 2021, 2300, 183-201.	0.9	3
12	Opposing Wnt signals regulate cervical squamocolumnar homeostasis and emergence of metaplasia. <i>Nature Cell Biology</i> , 2021, 23, 184-197.	10.3	62
13	Grad-seq identifies KhpB as a global RNA-binding protein in <i>Clostridioides difficile</i> that regulates toxin production. <i>MicroLife</i> , 2021, 2, .	2.1	25
14	MAPS integrates regulation of actin-targeting effector SteC into the virulence control network of <i>Salmonella</i> small RNA PinT. <i>Cell Reports</i> , 2021, 34, 108722.	6.4	17
15	A Grad-seq View of RNA and Protein Complexes in <i>Pseudomonas aeruginosa</i> under Standard and Bacteriophage Predation Conditions. <i>MBio</i> , 2021, 12, .	4.1	22
16	Cross-species RNA-seq for deciphering hostâ€“microbe interactions. <i>Nature Reviews Genetics</i> , 2021, 22, 361-378.	16.3	52
17	Global RNA profiles show target selectivity and physiological effects of peptide-delivered antisense antibiotics. <i>Nucleic Acids Research</i> , 2021, 49, 4705-4724.	14.5	20
18	The World of Stable Ribonucleoproteins and Its Mapping With Grad-Seq and Related Approaches. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 661448.	3.5	18

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19	<i>In vivo</i> targets of <i>Salmonella</i> FinO include a FinP-like small RNA controlling copy number of a cohabitating plasmid. <i>Nucleic Acids Research</i> , 2021, 49, 5319-5335.	14.5	12
20	Swarm Learning for decentralized and confidential clinical machine learning. <i>Nature</i> , 2021, 594, 265-270.	27.8	375
21	An RNA-centric global view of <i>Clostridioides difficile</i> reveals broad activity of Hfq in a clinically important gram-positive bacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
22	RNA landscape of the emerging cancer-associated microbe <i>Fusobacterium nucleatum</i> . <i>Nature Microbiology</i> , 2021, 6, 1007-1020.	13.3	23
23	Impact of pseudouridylation, substrate fold, and degradosome organization on the endonuclease activity of RNase E. <i>Rna</i> , 2021, 27, 1339-1352.	3.5	5
24	Early IFN- $\gamma$ signatures and persistent dysfunction are distinguishing features of NK cells in severe COVID-19. <i>Immunity</i> , 2021, 54, 2650-2669.e14.	14.3	145
25	Scanning mutagenesis of RNA-binding protein ProQ reveals a quality control role for the Lon protease. <i>Rna</i> , 2021, 27, 1512-1527.	3.5	9
26	SPI2 T3SS effectors facilitate enterocyte apical to basolateral transmigration of <i>Salmonella</i> -containing vacuoles <i>in vivo</i> . <i>Gut Microbes</i> , 2021, 13, 1973836.	9.8	6
27	Tracheal brush cells release acetylcholine in response to bitter tastants for paracrine and autocrine signaling. <i>FASEB Journal</i> , 2020, 34, 316-332.	0.5	41
28	The conserved 3' UTR-derived small RNA NarS mediates mRNA crossregulation during nitrate respiration. <i>Nucleic Acids Research</i> , 2020, 48, 2126-2143.	14.5	34
29	Amidochelocardin Overcomes Resistance Mechanisms Exerted on Tetracyclines and Natural Chelocardin. <i>Antibiotics</i> , 2020, 9, 619.	3.7	10
30	Global discovery of bacterial RNA-binding proteins by RNase-sensitive gradient profiles reports a new FinO domain protein. <i>Rna</i> , 2020, 26, 1448-1463.	3.5	34
31	Triple RNA-Seq Reveals Synergy in a Human Virus-Fungus Co-infection Model. <i>Cell Reports</i> , 2020, 33, 108389.	6.4	25
32	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , 2020, 53, 1296-1314.e9.	14.3	278
33	Single-Nucleotide RNA Maps for the Two Major Nosocomial Pathogens <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 600325.	3.9	16
34	LifeTime and improving European healthcare through cell-based interceptive medicine. <i>Nature</i> , 2020, 587, 377-386.	27.8	108
35	Severe COVID-19 Is Marked by a Dysregulated Myeloid Cell Compartment. <i>Cell</i> , 2020, 182, 1419-1440.e23.	28.9	1,162
36	Grad-seq shines light on unrecognized RNA and protein complexes in the model bacterium <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2020, 48, 9301-9319.	14.5	30

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37	Single-cell RNA-sequencing reports growth-condition-specific global transcriptomes of individual bacteria. <i>Nature Microbiology</i> , 2020, 5, 1202-1206.	13.3	104
38	A global data-driven census of <i>Salmonella</i> small proteins and their potential functions in bacterial virulence. <i>MicroLife</i> , 2020, 1, .	2.1	34
39	The minimal meningococcal ProQ protein has an intrinsic capacity for structure-based global RNA recognition. <i>Nature Communications</i> , 2020, 11, 2823.	12.8	31
40	An RNA biology perspective on species-specific programmable RNA antibiotics. <i>Molecular Microbiology</i> , 2020, 113, 550-559.	2.5	30
41	Trans-Acting Small RNAs and Their Effects on Gene Expression in <i>Escherichia coli</i> and <i>Salmonella enterica</i> . <i>EcoSal Plus</i> , 2020, 9, .	5.4	161
42	Breast cancer colonization by <i>Fusobacterium nucleatum</i> accelerates tumor growth and metastatic progression. <i>Nature Communications</i> , 2020, 11, 3259.	12.8	265
43	Dual RNA-seq of <i>Orientia tsutsugamushi</i> informs on host-pathogen interactions for this neglected intracellular human pathogen. <i>Nature Communications</i> , 2020, 11, 3363.	12.8	39
44	Improved bacterial RNA-seq by Cas9-based depletion of ribosomal RNA reads. <i>Rna</i> , 2020, 26, 1069-1078.	3.5	37
45	An Advanced Human Intestinal Coculture Model Reveals Compartmentalized Host and Pathogen Strategies during <i>Salmonella</i> Infection. <i>MBio</i> , 2020, 11, .	4.1	21
46	Grad-seq in a Gram-positive bacterium reveals exonucleolytic sRNA activation in competence control. <i>EMBO Journal</i> , 2020, 39, e103852.	7.8	66
47	The CRISPR/Cas system in <i>Neisseria meningitidis</i> affects bacterial adhesion to human nasopharyngeal epithelial cells. <i>RNA Biology</i> , 2019, 16, 390-396.	3.1	27
48	An RNA Surprise in Bacterial Effector Mechanisms. <i>Cell Host and Microbe</i> , 2019, 26, 709-711.	11.0	15
49	Functional expansion of a TCA cycle operon mRNA by a 3' end-derived small RNA. <i>Nucleic Acids Research</i> , 2019, 47, 2075-2088.	14.5	42
50	The Major RNA-Binding Protein ProQ Impacts Virulence Gene Expression in <i>Salmonella enterica</i> Serovar Typhimurium. <i>MBio</i> , 2019, 10, .	4.1	81
51	Conditional Hfq Association with Small Noncoding RNAs in <i>Pseudomonas aeruginosa</i> Revealed through Comparative UV Cross-Linking Immunoprecipitation Followed by High-Throughput Sequencing. <i>MSystems</i> , 2019, 4, .	3.8	17
52	Host-Pathogen Transcriptomics by Dual RNA-Seq. <i>Methods in Molecular Biology</i> , 2018, 1737, 59-75.	0.9	69
53	Bacterial RNA Biology on a Genome Scale. <i>Molecular Cell</i> , 2018, 70, 785-799.	9.7	201
54	<i>Salmonella</i> persists undermine host immune defenses during antibiotic treatment. <i>Science</i> , 2018, 362, 1156-1160.	12.6	249

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55	Stress-induced host membrane remodeling protects from infection by non-motile bacterial pathogens. EMBO Journal, 2018, 37, .	7.8	17
56	Genome organization and DNA accessibility control antigenic variation in trypanosomes. Nature, 2018, 563, 121-125.	27.8	151
57	ANNOgesic: a Swiss army knife for the RNA-seq based annotation of bacterial/archaeal genomes. GigaScience, 2018, 7, .	6.4	60
58	Global Maps of ProQ Binding In Vivo Reveal Target Recognition via RNA Structure and Stability Control at mRNA 3' Ends. Molecular Cell, 2018, 70, 971-982.e6.	9.7	129
59	CRP-cAMP mediates silencing of Salmonella virulence at the post-transcriptional level. PLoS Genetics, 2018, 14, e1007401.	3.5	44
60	Nuclear Inc RNA stabilization in the host response to bacterial infection. EMBO Journal, 2018, 37, .	7.8	12
61	RNA-binding proteins in bacteria. Nature Reviews Microbiology, 2018, 16, 601-615.	28.6	200
62	In Vivo Cleavage Map Illuminates the Central Role of RNase E in Coding and Non-coding RNA Pathways. Molecular Cell, 2017, 65, 39-51.	9.7	250
63	Structure of the Escherichia coli ProQ RNA-binding protein. Rna, 2017, 23, 696-711.	3.5	50
64	New RNA-seq approaches for the study of bacterial pathogens. Current Opinion in Microbiology, 2017, 35, 78-87.	5.1	127
65	RNA-based recognition and targeting: sowing the seeds of specificity. Nature Reviews Molecular Cell Biology, 2017, 18, 215-228.	37.0	167
66	The primary transcriptome of Neisseria meningitidis and its interaction with the RNA chaperone Hfq. Nucleic Acids Research, 2017, 45, 6147-6167.	14.5	67
67	APRICOT: an integrated computational pipeline for the sequence-based identification and characterization of RNA-binding proteins. Nucleic Acids Research, 2017, 45, e96-e96.	14.5	22
68	RNA target profiles direct the discovery of virulence functions for the cold-shock proteins CspC and CspE. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6824-6829.	7.1	110
69	Molecular mechanism of mRNA repression in trans by a ProQ-dependent small RNA. EMBO Journal, 2017, 36, 1029-1045.	7.8	128
70	Global snapshots of bacterial RNA networks. EMBO Journal, 2017, 36, 245-247.	7.8	19
71	A systematic analysis of the RNA-targeting potential of secreted bacterial effector proteins. Scientific Reports, 2017, 7, 9328.	3.3	25
72	Single-cell RNA-seq ties macrophage polarization to growth rate of intracellular Salmonella. Nature Microbiology, 2017, 2, 16206.	13.3	159

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73	Discovery of new RNA classes and global RNA-binding proteins. <i>Current Opinion in Microbiology</i> , 2017, 39, 152-160.	5.1	46
74	Resolving host-pathogen interactions by dual RNA-seq. <i>PLoS Pathogens</i> , 2017, 13, e1006033.	4.7	245
75	<i>cis</i> -Encoded Small RNAs, a Conserved Mechanism for Repression of Polysaccharide Utilization in Bacteroides. <i>Journal of Bacteriology</i> , 2016, 198, 2410-2418.	2.2	27
76	Global RNA recognition patterns of post-transcriptional regulators Hfq and CsrA revealed by UV crosslinking <i>in vivo</i> . <i>EMBO Journal</i> , 2016, 35, 991-1011.	7.8	296
77	Natural mutations in a <i>Staphylococcus aureus</i> virulence regulator attenuate cytotoxicity but permit bacteremia and abscess formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3101-10.	7.1	103
78	An expanded evaluation of protein function prediction methods shows an improvement in accuracy. <i>Genome Biology</i> , 2016, 17, 184.	8.8	308
79	Grad-seq guides the discovery of ProQ as a major small RNA-binding protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11591-11596.	7.1	267
80	Molecular phenotyping of infection-associated small non-coding RNAs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160081.	4.0	15
81	The target spectrum of SdsR small RNA in <i>Salmonella</i> . <i>Nucleic Acids Research</i> , 2016, 44, gkw632.	14.5	57
82	The primary transcriptome of the Escherichia coli O104:H4 pAA plasmid and novel insights into its virulence gene expression and regulation. <i>Scientific Reports</i> , 2016, 6, 35307.	3.3	17
83	Emerging roles of RNA modifications in bacteria. <i>Current Opinion in Microbiology</i> , 2016, 30, 50-57.	5.1	61
84	Dual RNA-seq unveils noncoding RNA functions in host-pathogen interactions. <i>Nature</i> , 2016, 529, 496-501.	27.8	450
85	A 5' UTR-Derived Small RNA Provides the Regulatory Noncoding Arm of the Inner Membrane Stress Response. <i>Molecular Cell</i> , 2016, 61, 352-363.	9.7	162
86	Gifsy-1 Prophage IsrK with Dual Function as Small and Messenger RNA Modulates Vital Bacterial Machineries. <i>PLoS Genetics</i> , 2016, 12, e1005975.	3.5	47
87	An NK Cell Perforin Response Elicited via IL-18 Controls Mucosal Inflammation Kinetics during Salmonella Gut Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005723.	4.7	51
88	Genome-wide transcription start site profiling in biofilm-grown Burkholderia cenocepacia J2315. <i>BMC Genomics</i> , 2015, 16, 775.	2.8	33
89	dRNA-Seq Reveals Genomewide TSSs and Noncoding RNAs of Plant Beneficial Rhizobacterium Bacillus amyloliquefaciens FZB42. <i>PLoS ONE</i> , 2015, 10, e0142002.	2.5	24
90	Regulatory small RNAs from the 5' regions of bacterial mRNAs. <i>Current Opinion in Microbiology</i> , 2015, 24, 132-139.	5.1	147

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91	Cross talk between <scp>ABC</scp> transporter m <scp>RNA</scp> s via a target m <scp>RNA</scp> â€derived sponge of the <scp>G</scp> cv <scp>B</scp> small <scp>RNA</scp>. EMBO Journal, 2015, 34, 1478-1492.	7.8	162
92	The End Is Not the End: Remnants of tRNA Precursors Live On to Sponge Up Small Regulatory RNAs. Molecular Cell, 2015, 58, 389-390.	9.7	5
93	Small RNA-based feedforward loop with AND-gate logic regulates extrachromosomal DNA transfer in Salmonella. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4772-E4781.	7.1	83
94	Accelerating Discovery and Functional Analysis of Small RNAs with New Technologies. Annual Review of Genetics, 2015, 49, 367-394.	7.6	118
95	Investigating CRISPR RNA Biogenesis and Function Using RNA-seq. Methods in Molecular Biology, 2015, 1311, 1-21.	0.9	19
96	Dual 3â€™Seq using deepSuperSAGE uncovers transcriptomes of interacting Salmonella enterica Typhimurium and human host cells. BMC Genomics, 2015, 16, 323.	2.8	12
97	Small RNA functions in carbon metabolism and virulence of enteric pathogens. Frontiers in Cellular and Infection Microbiology, 2014, 4, 91.	3.9	116
98	Single-cell RNA-seq: advances and future challenges. Nucleic Acids Research, 2014, 42, 8845-8860.	14.5	695
99	A bacterial seek-and-destroy system for foreign DNA. Science, 2014, 344, 972-973.	12.6	12
100	REAdemptionâ€a tool for the computational analysis of deep-sequencingâ€based transcriptome data. Bioinformatics, 2014, 30, 3421-3423.	4.1	180
101	Differential RNA-seq: the approach behind and the biological insight gained. Current Opinion in Microbiology, 2014, 19, 97-105.	5.1	203
102	Recognition of the small regulatory RNA RydC by the bacterial Hfq protein. ELife, 2014, 3, .	6.0	100
103	A small RNA activates CFA synthase by isoform-specific mRNA stabilization. EMBO Journal, 2013, 32, 2963-2979.	7.8	108
104	Comparative genomics boosts target prediction for bacterial small RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3487-96.	7.1	208
105	Same Same but Different: New Structural Insight into CRISPR-Cas Complexes. Molecular Cell, 2013, 52, 4-7.	9.7	11
106	Small RNA-Mediated Activation of Sugar Phosphatase mRNA Regulates Glucose Homeostasis. Cell, 2013, 153, 426-437.	28.9	194
107	Bacterial regulatory mechanisms: the gene and beyond. Current Opinion in Microbiology, 2013, 16, 109-111.	5.1	7
108	Processing-Independent CRISPR RNAs Limit Natural Transformation in Neisseria meningitidis. Molecular Cell, 2013, 50, 488-503.	9.7	256

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109	Î2-lactam antibiotics promote bacterial mutagenesis via an RpoS-mediated reduction in replication fidelity. <i>Nature Communications</i> , 2013, 4, 1610.	12.8	320
110	RNA-Mediated Regulation in Pathogenic Bacteria. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a010298-a010298.	6.2	157
111	CRISPRs extending their reach: prokaryotic RNAi protein Cas9 recruited for gene regulation. <i>EMBO Journal</i> , 2013, 32, 1802-1804.	7.8	9
112	A small RNA serving both the Hfq and CsrA regulons. <i>Genes and Development</i> , 2013, 27, 1073-1078.	5.9	22
113	Targeted decay of a regulatory small RNA by an adaptor protein for RNase E and counteraction by an anti-adaptor RNA. <i>Genes and Development</i> , 2013, 27, 552-564.	5.9	120
114	Differential activation and functional specialization of miR-146 and miR-155 in innate immune sensing. <i>Nucleic Acids Research</i> , 2013, 41, 542-553.	14.5	193
115	<sc>Alexander <sc>B</sc> Åhm (1971â€“2012). <i>Molecular Microbiology</i> , 2013, 88, 219-221.	2.5	2
116	Global Regulatory Functions of the <i>Staphylococcus aureus</i> Endoribonuclease III in Gene Expression. <i>PLoS Genetics</i> , 2012, 8, e1002782.	3.5	128
117	Genome-wide transcriptome analysis of the plant pathogen <i>Xanthomonas</i> identifies sRNAs with putative virulence functions. <i>Nucleic Acids Research</i> , 2012, 40, 2020-2031.	14.5	93
118	Experimental tools to identify RNA-protein interactions in <i>Helicobacter pylori</i> . <i>RNA Biology</i> , 2012, 9, 520-531.	3.1	24
119	Small RNAs of the <i>Bradyrhizobium/Rhodopseudomonas</i> lineage and their analysis. <i>RNA Biology</i> , 2012, 9, 47-58.	3.1	41
120	RelA protein stimulates the activity of RyhB small RNA by acting on RNA-binding protein Hfq. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4621-4626.	7.1	51
121	The ancestral SgrS RNA discriminates horizontally acquired <i>Salmonella</i> mRNAs through a single G-U wobble pair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E757-64.	7.1	84
122	The transcriptional landscape and small RNAs of <i>Salmonella enterica</i> serovar Typhimurium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1277-86.	7.1	373
123	A conserved RpoS-dependent small RNA controls the synthesis of major porin OmpD. <i>Nucleic Acids Research</i> , 2012, 40, 3623-3640.	14.5	142
124	The Primary Transcriptome of Barley Chloroplasts: Numerous Noncoding RNAs and the Dominating Role of the Plastid-Encoded RNA Polymerase Å Å. <i>Plant Cell</i> , 2012, 24, 123-136.	6.6	186
125	The Seed Region of a Small RNA Drives the Controlled Destruction of the Target mRNA by the Endoribonuclease RNase E. <i>Molecular Cell</i> , 2012, 47, 943-953.	9.7	192
126	Dual RNA-seq of pathogen and host. <i>Nature Reviews Microbiology</i> , 2012, 10, 618-630.	28.6	660



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127	Use of Aptamer Tagging to Identify In Vivo Protein Binding Partners of Small Regulatory RNAs. <i>Methods in Molecular Biology</i> , 2012, 905, 177-200.	0.9	14
128	An atlas of Hfq-bound transcripts reveals 3â€² UTRs as a genomic reservoir of regulatory small RNAs. <i>EMBO Journal</i> , 2012, 31, 4005-4019.	7.8	354
129	Superfolder GFP reporters validate diverse new mRNA targets of the classic porin regulator, MicF RNA. <i>Molecular Microbiology</i> , 2012, 84, 428-445.	2.5	185
130	The mammalian microRNA response to bacterial infections. <i>RNA Biology</i> , 2012, 9, 742-750.	3.1	183
131	The <i>csgD</i> mRNA as a hub for signal integration via multiple small RNAs. <i>Molecular Microbiology</i> , 2012, 84, 1-5.	2.5	46
132	Hfq-associated Regulatory Small RNAs. , 2012, , 15-50.		1
133	The transcriptional landscape of <i>Chlamydia pneumoniae</i> . <i>Genome Biology</i> , 2011, 12, R98.	9.6	72
134	Sweet Business: Spot42 RNA Networks with CRP to Modulate Catabolite Repression. <i>Molecular Cell</i> , 2011, 41, 245-246.	9.7	7
135	Contribution of Hfq to photooxidative stress resistance and global regulation in <i>Rhodobacter sphaeroides</i> . <i>Molecular Microbiology</i> , 2011, 80, 1479-1495.	2.5	55
136	Pervasive post-transcriptional control of genes involved in amino acid metabolism by the Hfq-dependent GcvB small RNA. <i>Molecular Microbiology</i> , 2011, 81, 1144-1165.	2.5	191
137	Analysis of the host microRNA response to <i>Salmonella</i> uncovers the control of major cytokines by the <i>let-7</i> family. <i>EMBO Journal</i> , 2011, 30, 1977-1989.	7.8	270
138	CRISPR RNA maturation by trans-encoded small RNA and host factor RNase III. <i>Nature</i> , 2011, 471, 602-607.	27.8	2,093
139	Hfq and its constellation of RNA. <i>Nature Reviews Microbiology</i> , 2011, 9, 578-589.	28.6	925
140	Regulation by Small RNAs in Bacteria: Expanding Frontiers. <i>Molecular Cell</i> , 2011, 43, 880-891.	9.7	1,087
141	<i>Helicobacter pylori</i> interferes with an embryonic stem cell micro RNA cluster to block cell cycle progression. <i>Silence: A Journal of RNA Regulation</i> , 2011, 2, 7.	8.1	59
142	Small RNAs endow a transcriptional activator with essential repressor functions for single-tier control of a global stress regulon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12875-12880.	7.1	165
143	An experimentally anchored map of transcriptional start sites in the model cyanobacterium <i>Synechocystis</i> sp. PCC6803. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2124-2129.	7.1	364
144	A Candidate Approach Implicates the Secreted <i>Salmonella</i> Effector Protein SpvB in P-Body Disassembly. <i>PLoS ONE</i> , 2011, 6, e17296.	2.5	23

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145	Small RNAs promote mRNA stability to activate the synthesis of virulence factors. <i>Molecular Microbiology</i> , 2010, 78, 1327-1331.	2.5	33
146	The primary transcriptome of the major human pathogen <i>Helicobacter pylori</i> . <i>Nature</i> , 2010, 464, 250-255.	27.8	1,115
147	Identification of regulatory RNAs in <i>Bacillus subtilis</i> . <i>Nucleic Acids Research</i> , 2010, 38, 6637-6651.	14.5	180
148	Deep sequencing-based discovery of the <i>Chlamydia trachomatis</i> transcriptome. <i>Nucleic Acids Research</i> , 2010, 38, 868-877.	14.5	206
149	Evidence for an autonomous 5â€² target recognition domain in an Hfq-associated small RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20435-20440.	7.1	168
150	Experimental discovery of small RNAs in <i>Staphylococcus aureus</i> reveals a riboregulator of central metabolism. <i>Nucleic Acids Research</i> , 2010, 38, 6620-6636.	14.5	155
151	Analysis of A to I editing of miRNA in macrophages exposed to <i>Salmonella</i> . <i>RNA Biology</i> , 2010, 7, 621-627.	3.1	12
152	The role of Hfq in bacterial pathogens. <i>Current Opinion in Microbiology</i> , 2010, 13, 24-33.	5.1	355
153	Regulatory RNA in Bacterial Pathogens. <i>Cell Host and Microbe</i> , 2010, 8, 116-127.	11.0	300
154	In vivo expression and purification of aptamer-tagged small RNA regulators. <i>Nucleic Acids Research</i> , 2009, 37, e133-e133.	14.5	86
155	Deep sequencing of <i>Salmonella</i> RNA associated with heterologous Hfq proteins in vivo reveals small RNAs as a major target class and identifies RNA processing phenotypes. <i>RNA Biology</i> , 2009, 6, 266-275.	3.1	122
156	Fast Mapping of Short Sequences with Mismatches, Insertions and Deletions Using Index Structures. <i>PLoS Computational Biology</i> , 2009, 5, e1000502.	3.2	487
157	Deep sequencing analysis of the <i>Methanosarcina mazei</i> CÄ¶1 transcriptome in response to nitrogen availability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21878-21882.	7.1	212
158	A rough guide to the nonâ€œoding RNA world of <i>Salmonella</i> . <i>Molecular Microbiology</i> , 2009, 71, 1-11.	2.5	162
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