

Thorsten Bischler

List of Publications by Year in descending order

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21
papers

1,256
citations

623699

14
h-index

713444

21
g-index

21
all docs

21
docs citations

21
times ranked

1588
citing authors

#	ARTICLE	IF	CITATIONS
1	Global <sc>RNA</sc> recognition patterns of post-transcriptional regulators Hfq and CsrA revealed by <sc>UV</sc> crosslinking <i>in vivo</i>. EMBO Journal, 2016, 35, 991-1011.	7.8	296
2	Global Transcriptional Start Site Mapping Using Differential RNA Sequencing Reveals Novel Antisense RNAs in Escherichia coli. Journal of Bacteriology, 2015, 197, 18-28.	2.2	287
3	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
4	CRISPR RNA-Dependent Binding and Cleavage of Endogenous RNAs by the Campylobacter jejuni Cas9. Molecular Cell, 2018, 69, 893-905.e7.	9.7	122
5	The CsrA-FlhW network controls polar localization of the dual-function flagellin mRNA in Campylobacter jejuni. Nature Communications, 2016, 7, 11667.	12.8	93
6	Noncanonical crRNAs derived from host transcripts enable multiplexable RNA detection by Cas9. Science, 2021, 372, 941-948.	12.6	83
7	Differential RNA-seq (dRNA-seq) for annotation of transcriptional start sites and small RNAs in Helicobacter pylori. Methods, 2015, 86, 89-101.	3.8	47
8	Neurodegeneration by α -synuclein-specific T cells in AAV-A53T- α -synuclein Parkinson's disease mice. Brain, Behavior, and Immunity, 2022, 101, 194-210.	4.1	34
9	The minimal meningococcal ProQ protein has an intrinsic capacity for structure-based global RNA recognition. Nature Communications, 2020, 11, 2823.	12.8	31
10	The Influence of Met Receptor Level on HGF-Induced Glycolytic Reprogramming in Head and Neck Squamous Cell Carcinoma. International Journal of Molecular Sciences, 2020, 21, 471.	4.1	18
11	MAPS integrates regulation of actin-targeting effector SteC into the virulence control network of Salmonella small RNA PinT. Cell Reports, 2021, 34, 108722.	6.4	17
12	Conditional Hfq Association with Small Noncoding RNAs in Pseudomonas aeruginosa Revealed through Comparative UV Cross-Linking Immunoprecipitation Followed by High-Throughput Sequencing. MSystems, 2019, 4, .	3.8	17
13	Identification of the RNA Pyrophosphohydrolase RppH of Helicobacter pylori and Global Analysis of Its RNA Targets. Journal of Biological Chemistry, 2017, 292, 1934-1950.	3.4	16
14	The identification of patient-specific mutations reveals dual pathway activation in most patients with melanoma and activated receptor tyrosine kinases in BRAF/NRAS wild-type melanomas. Cancer, 2019, 125, 586-600.	4.1	16
15	Transcript mapping based on dRNA-seq data. BMC Bioinformatics, 2014, 15, 122.	2.6	11
16	The Rsm (Csr) post-transcriptional regulatory pathway coordinately controls multiple CRISPR-Cas immune systems. Nucleic Acids Research, 2021, 49, 9508-9525.	14.5	9
17	Spacer prioritization in CRISPR-Cas9 immunity is enabled by the leader RNA. Nature Microbiology, 2022, 7, 530-541.	13.3	9
18	Homeostatic calcium fluxes, ER calcium release, SOCE, and calcium oscillations in cultured astrocytes are interlinked by a small calcium toolkit. Cell Calcium, 2022, 101, 102515.	2.4	7

#	ARTICLE	IF	CITATIONS
19	Tetrachloroethene respiration in <i>Sulfurospirillum</i> species is regulated by a two-component system as unraveled by comparative genomics, transcriptomics, and regulator binding studies. <i>MicrobiologyOpen</i> , 2020, 9, e1138.	3.0	5
20	Roux-en-Y Gastric Bypass and Caloric Restriction but Not Gut Hormone-Based Treatments Profoundly Impact the Hypothalamic Transcriptome in Obese Rats. <i>Nutrients</i> , 2022, 14, 116.	4.1	5
21	Liraglutide + PYY3-36 Combination Therapy Mimics Effects of Roux-en-Y Bypass on Early NAFLD Whilst Lacking-Behind in Metabolic Improvements. <i>Journal of Clinical Medicine</i> , 2022, 11, 753.	2.4	4