

Matthias Gimpel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

345
citations

9
h-index

18
g-index

18
ext. papers

451
ext. citations

5.4
avg. IF

4.12
L-index

#	Paper	IF	Citations
18	A dual-function sRNA from <i>B. subtilis</i> : SR1 acts as a peptide encoding mRNA on the gapA operon. <i>Molecular Microbiology</i> , 2010 , 76, 990-1009	4.1	67
17	Bioactive Secondary Metabolites from : A Comprehensive Review. <i>Journal of Natural Products</i> , 2019 , 82, 2038-2053	4.9	66
16	Dual-function small regulatory RNAs in bacteria. <i>Molecular Microbiology</i> , 2017 , 103, 387-397	4.1	41
15	SR1--a small RNA with two remarkably conserved functions. <i>Nucleic Acids Research</i> , 2012 , 40, 11659-72	20.1	37
14	A new role for CsrA: promotion of complex formation between an sRNA and its mRNA target in. <i>RNA Biology</i> , 2019 , 16, 972-987	4.8	33
13	Dual-function sRNA encoded peptide SR1P modulates moonlighting activity of <i>B. subtilis</i> GapA. <i>RNA Biology</i> , 2016 , 13, 916-26	4.8	22
12	A UV/Vis Spectroscopy-Based Assay for Monitoring of Transformations Between Nucleosides and Nucleobases. <i>Methods and Protocols</i> , 2019 , 2,	2.5	15
11	General Principles for Yield Optimization of Nucleoside Phosphorylase-Catalyzed Transglycosylations. <i>ChemBioChem</i> , 2020 , 21, 1428-1432	3.8	14
10	Thermodynamic Reaction Control of Nucleoside Phosphorolysis. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 867-876	5.6	12
9	Antibacterial and anticancer activities of orphan biosynthetic gene clusters from Atlantis II Red Sea brine pool. <i>Microbial Cell Factories</i> , 2019 , 18, 56	6.4	8
8	Automated Cell Treatment for Competence and Transformation of in a High-Throughput Quasi-Turbidostat Using Microtiter Plates. <i>Microorganisms</i> , 2018 , 6,	4.9	8
7	Heterologous Hydrogenase Overproduction Systems for Biotechnology-An Overview. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
6	Construction of a modular plasmid family for chromosomal integration in <i>Bacillus subtilis</i> . <i>Journal of Microbiological Methods</i> , 2012 , 91, 312-7	2.8	6
5	Dynamic Modelling of Phosphorolytic Cleavage Catalyzed by Pyrimidine-Nucleoside Phosphorylase. <i>Processes</i> , 2019 , 7, 380	2.9	5
4	Optimization of Culture Conditions for Oxygen-Tolerant Regulatory [NiFe]-Hydrogenase Production from H16 in. <i>Microorganisms</i> , 2021 , 9,	4.9	3
3	Production of soluble regulatory hydrogenase from <i>Ralstonia eutropha</i> in <i>Escherichia coli</i> using a fed-batch-based autoinduction system. <i>Microbial Cell Factories</i> , 2021 , 20, 201	6.4	1
2	High-Yield Production of Catalytically Active Regulatory [NiFe]-Hydrogenase From in .. <i>Frontiers in Microbiology</i> , 2022 , 13, 894375	5.7	0

1 Peptid-codierende kleine RNAs in Bakterien. *BioSpektrum*, **2018**, 24, 684-687

0.1