

# Matthias Gimpel

## List of Publications by Year in Descending Order

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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	High-Yield Production of Catalytically Active Regulatory [NiFe]-Hydrogenase From in .. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 894375	5.7	0
17	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> , <b>2021</b> , 20, 201	6.4	1
16	Optimization of Culture Conditions for Oxygen-Tolerant Regulatory [NiFe]-Hydrogenase Production from H16 in. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	3
15	General Principles for Yield Optimization of Nucleoside Phosphorylase-Catalyzed Transglycosylations. <i>ChemBioChem</i> , <b>2020</b> , 21, 1428-1432	3.8	14
14	Thermodynamic Reaction Control of Nucleoside Phosphorolysis. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 867-876	5.6	12
13	Heterologous Hydrogenase Overproduction Systems for Biotechnology-An Overview. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
12	A new role for CsrA: promotion of complex formation between an sRNA and its mRNA target in. <i>RNA Biology</i> , <b>2019</b> , 16, 972-987	4.8	33
11	Antibacterial and anticancer activities of orphan biosynthetic gene clusters from Atlantis II Red Sea brine pool. <i>Microbial Cell Factories</i> , <b>2019</b> , 18, 56	6.4	8
10	A UV/Vis Spectroscopy-Based Assay for Monitoring of Transformations Between Nucleosides and Nucleobases. <i>Methods and Protocols</i> , <b>2019</b> , 2,	2.5	15
9	Dynamic Modelling of Phosphorolytic Cleavage Catalyzed by Pyrimidine-Nucleoside Phosphorylase. <i>Processes</i> , <b>2019</b> , 7, 380	2.9	5
8	Bioactive Secondary Metabolites from : A Comprehensive Review. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 2038-2053	4.9	66
7	Automated Cell Treatment for Competence and Transformation of in a High-Throughput Quasi-Turbidostat Using Microtiter Plates. <i>Microorganisms</i> , <b>2018</b> , 6,	4.9	8
6	Peptid-codierende kleine RNAs in Bakterien. <i>BioSpektrum</i> , <b>2018</b> , 24, 684-687	0.1	
5	Dual-function small regulatory RNAs in bacteria. <i>Molecular Microbiology</i> , <b>2017</b> , 103, 387-397	4.1	41
4	Dual-function sRNA encoded peptide SR1P modulates moonlighting activity of <i>B. subtilis</i> GapA. <i>RNA Biology</i> , <b>2016</b> , 13, 916-26	4.8	22
3	Construction of a modular plasmid family for chromosomal integration in <i>Bacillus subtilis</i> . <i>Journal of Microbiological Methods</i> , <b>2012</b> , 91, 312-7	2.8	6
2	SR1--a small RNA with two remarkably conserved functions. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 11659-72	20.1	37

- 1 A dual-function sRNA from *B. subtilis*: SR1 acts as a peptide encoding mRNA on the gapA operon. *Molecular Microbiology*, **2010**, 76, 990-1009 4.1 67