

# Jörn Kalinowski

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

318  
citations

933447

10  
h-index

940533

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

483  
citing authors

#	ARTICLE	IF	CITATIONS
1	High quality genome sequences of thirteen Hypoxylaceae (Ascomycota) strengthen the phylogenetic family backbone and enable the discovery of new taxa. Fungal Diversity, 2021, 106, 7-28.	12.3	65
2	Synthetic Biology Driven Biosynthesis of Unnatural Tropolone Sesquiterpenoids. Angewandte Chemie - International Edition, 2020, 59, 23870-23878.	13.8	37
3	Nanopore sequencing of native adeno-associated virus (AAV) single-stranded DNA using a transposase-based rapid protocol. NAR Genomics and Bioinformatics, 2020, 2, lqaa074.	3.2	24
4	Microparticles globally reprogram <i>Streptomyces albus</i> toward accelerated morphogenesis, streamlined carbon core metabolism, and enhanced production of the antituberculosis polyketide pamamycin. Biotechnology and Bioengineering, 2020, 117, 3858-3875.	3.3	22
5	Deciphering the Adaptation of <i>Corynebacterium glutamicum</i> in Transition from Aerobiosis via Microaerobiosis to Anaerobiosis. Genes, 2018, 9, 297.	2.4	19
6	Candidatus <i>Frankia nodulisporulans</i> sp. nov., an <i>Alnus glutinosa</i> -infective <i>Frankia</i> species unable to grow in pure culture and able to sporulate in-planta. Systematic and Applied Microbiology, 2020, 43, 126134.	2.8	17
7	Screening of a genome-reduced <i>Corynebacterium glutamicum</i> strain library for improved heterologous cutinase secretion. Microbial Biotechnology, 2020, 13, 2020-2031.	4.2	17
8	The sporothriolides. A new biosynthetic family of fungal secondary metabolites. Chemical Science, 2020, 11, 12477-12484.	7.4	16
9	Comparative Analysis of Transcriptome and sRNAs Expression Patterns in the <i>Brachypodium distachyon</i> – <i>Magnaporthe oryzae</i> Pathosystems. International Journal of Molecular Sciences, 2021, 22, 650.	4.1	16
10	Evaluation of vector systems and promoters for overexpression of the acarbose biosynthesis gene <i>acbC</i> in <i>Actinoplanes</i> sp. SE50/110. Microbial Cell Factories, 2019, 18, 114.	4.0	15
11	Transcript and protein marker patterns for the identification of steatotic compounds in human HepaRG cells. Food and Chemical Toxicology, 2020, 145, 111690.	3.6	13
12	A Regulator Based “Semi-Targeted” Approach to Activate Silent Biosynthetic Gene Clusters. International Journal of Molecular Sciences, 2021, 22, 7567.	4.1	10
13	The Complex Transcriptional Landscape of Magnetosome Gene Clusters in <i>Magnetospirillum gryphiswaldense</i> . MSystems, 2021, 6, e0089321.	3.8	9
14	Biosynthetic reconstitution of deoxysugar phosphoramidate metalloprotease inhibitors using an N–P-bond-forming kinase. Chemical Science, 2019, 10, 4486-4490.	7.4	7
15	Recombinant expression and characterization of novel P450s from <i>Actinosynnema mirum</i> . Bioorganic and Medicinal Chemistry, 2021, 42, 116241.	3.0	6
16	The Peptidoglycan Biosynthesis Gene <i>murC</i> in <i>Frankia</i> : Actinorhizal vs. Plant Type. Genes, 2020, 11, 432.	2.4	5
17	Coupling of the engineered DNA “mutator” to a biosensor as a new paradigm for activation of silent biosynthetic gene clusters in <i>Streptomyces</i> . Nucleic Acids Research, 2021, 49, 8396-8405.	14.5	5
18	Establishment of a near-contiguous genome sequence of the citric acid producing yeast <i>Yarrowia lipolytica</i> DSM 3286 with resolution of rDNA clusters and telomeres. NAR Genomics and Bioinformatics, 2021, 3, lqab085.	3.2	4

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19	The expression of the acarbose biosynthesis gene cluster in <i>Actinoplanes</i> sp. SE50/110 is dependent on the growth phase. <i>BMC Genomics</i> , 2020, 21, 818.	2.8	3
20	Synthetisch biologisch getriebene Biosynthese von unnat�rlichen Tropolon�Sesquiterpenoiden. <i>Angewandte Chemie</i> , 2020, 132, 24079-24087.	2.0	3
21	An eight-compound mixture but not corresponding concentrations of individual chemicals induces triglyceride accumulation in human liver cells. <i>Toxicology</i> , 2021, 459, 152857.	4.2	3
22	S�zary syndrome shows whole genome duplication as a late event in tumor evolution. <i>Journal of Investigative Dermatology</i> , 2021, , .	0.7	2
23	Back Cover Image, Volume 117, Number 12, December 2020. <i>Biotechnology and Bioengineering</i> , 2020, 117, .	3.3	0