

Jörn Kalinowski

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

318
citations

932766
10
h-index

940134
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. <i>Fungal Diversity</i> , 2021, 106, 7-28.	4.7	65
2	Synthetic Biology Driven Biosynthesis of Unnatural Tropolone Sesquiterpenoids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23870-23878.	7.2	37
3	Nanopore sequencing of native adeno-associated virus (AAV) single-stranded DNA using a transposase-based rapid protocol. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa074.	1.5	24
4	Microparticles globally reprogram <i>Streptomyces albus</i> toward accelerated morphogenesis, streamlined carbon core metabolism, and enhanced production of the antituberculosis polyketide pamamycin. <i>Biotechnology and Bioengineering</i> , 2020, 117, 3858-3875.	1.7	22
5	Deciphering the Adaptation of <i>Corynebacterium glutamicum</i> in Transition from Aerobiosis via Microaerobiosis to Anaerobiosis. <i>Genes</i> , 2018, 9, 297.	1.0	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. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126134.	1.2	17
7	Screening of a genome-reduced <i>Corynebacterium glutamicum</i> strain library for improved heterologous cutinase secretion. <i>Microbial Biotechnology</i> , 2020, 13, 2020-2031.	2.0	17
8	The sporothriolides. A new biosynthetic family of fungal secondary metabolites. <i>Chemical Science</i> , 2020, 11, 12477-12484.	3.7	16
9	Comparative Analysis of Transcriptome and sRNAs Expression Patterns in the <i>Brachypodium distachyon</i> Magnaporthe <i>oryzae</i> Pathosystems. <i>International Journal of Molecular Sciences</i> , 2021, 22, 650.	1.8	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. <i>Microbial Cell Factories</i> , 2019, 18, 114.	1.9	15
11	Transcript and protein marker patterns for the identification of steatotic compounds in human HepaRG cells. <i>Food and Chemical Toxicology</i> , 2020, 145, 111690.	1.8	13
12	A Regulator Based "Semi-Targeted" Approach to Activate Silent Biosynthetic Gene Clusters. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7567.	1.8	10
13	The Complex Transcriptional Landscape of Magnetosome Gene Clusters in <i>Magnetospirillum gryphiswaldense</i> . <i>MSystems</i> , 2021, 6, e0089321.	1.7	9
14	Biosynthetic reconstitution of deoxysugar phosphoramidate metalloprotease inhibitors using an N ^ε -P-bond-forming kinase. <i>Chemical Science</i> , 2019, 10, 4486-4490.	3.7	7
15	Recombinant expression and characterization of novel P450s from <i>Actinosynnema mirum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2021, 42, 116241.	1.4	6
16	The Peptidoglycan Biosynthesis Gene <i>murC</i> in <i>Frankia</i> : Actinorhizal vs. Plant Type. <i>Genes</i> , 2020, 11, 432.	1.0	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> . <i>Nucleic Acids Research</i> , 2021, 49, 8396-8405.	6.5	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. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab085.	1.5	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.	1.2	3
20	Synthetisch biologisch getriebene Biosynthese von unnatürlichen Tropolon-Sesquiterpenoiden. <i>Angewandte Chemie</i> , 2020, 132, 24079-24087.	1.6	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.	2.0	3
22	Sézary syndrome shows whole genome duplication as a late event in tumor evolution. <i>Journal of Investigative Dermatology</i> , 2021, , .	0.3	2
23	Back Cover Image, Volume 117, Number 12, December 2020. <i>Biotechnology and Bioengineering</i> , 2020, 117, .	1.7	0