

Tamara Basta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8112095/publications.pdf>

Version: 2024-02-01

24
papers

901
citations

623734

14
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

1266
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanded Dataset Reveals the Emergence and Evolution of DNA Gyrase in Archaea. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	4
2	The hyperthermophilic archaeon <i>Thermococcus kodakarensis</i> is resistant to pervasive negative supercoiling activity of DNA gyrase. <i>Nucleic Acids Research</i> , 2021, 49, 12332-12347.	14.5	3
3	Structure–function analysis of Sua5 protein reveals novel functional motifs required for the biosynthesis of the universal t ⁶ A tRNA modification. <i>Rna</i> , 2018, 24, 926-938.	3.5	11
4	Mutations in KEOPS-complex genes cause nephrotic syndrome with primary microcephaly. <i>Nature Genetics</i> , 2017, 49, 1529-1538.	21.4	164
5	Function and Biosynthesis of the Universal tRNA Modification N6-Threonylcarbamoyl-Adenosine. <i>Nucleic Acids and Molecular Biology</i> , 2017, , 177-200.	0.2	3
6	Cross Kingdom Functional Conservation of the Core Universally Conserved Threonylcarbamoyladenine tRNA Synthesis Enzymes. <i>Eukaryotic Cell</i> , 2014, 13, 1222-1231.	3.4	32
7	Unique genome replication mechanism of the archaeal virus <i>AFV</i> 1. <i>Molecular Microbiology</i> , 2014, 92, 1313-1325.	2.5	16
8	Functional assignment of KEOPS/EKC complex subunits in the biosynthesis of the universal t ⁶ A tRNA modification. <i>Nucleic Acids Research</i> , 2013, 41, 9484-9499.	14.5	68
9	In vitro biosynthesis of a universal t ⁶ A tRNA modification in Archaea and Eukarya. <i>Nucleic Acids Research</i> , 2013, 41, 1953-1964.	14.5	70
10	Mechanistic and structural basis for inhibition of thymidylate synthase ThyX. <i>Open Biology</i> , 2012, 2, 120120.	3.6	37
11	The crystal structure of ORF14 from <i>Sulfolobus islandicus</i> filamentous virus. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 76, 1020-1022.	2.6	7
12	The thermo- and acidostable ORF99 from the archaeal virus AFV1. <i>Protein Science</i> , 2009, 18, 1316-1320.	7.6	13
13	Novel archaeal plasmid pAH1 and its interactions with the lipothrixvirus AFV1. <i>Molecular Microbiology</i> , 2009, 71, 23-34.	2.5	29
14	Structure of the <i>Acidianus</i> Filamentous Virus 3 and Comparative Genomics of Related Archaeal Lipothrixviruses. <i>Journal of Virology</i> , 2008, 82, 371-381.	3.4	49
15	4-Sulfomuconolactone Hydrolases from <i>Hydrogenophaga intermedia</i> S1 and <i>Agrobacterium radiobacter</i> S2. <i>Journal of Bacteriology</i> , 2007, 189, 6998-7006.	2.2	20
16	Genome of the <i>Acidianus</i> bottle-shaped virus and insights into the replication and packaging mechanisms. <i>Virology</i> , 2007, 364, 237-243.	2.4	49
17	Nanobiotechnological Potential of Viruses of Hyperthermophilic Archaea. , 2007, , 225-235.		1
18	Structural and Genomic Properties of the Hyperthermophilic Archaeal Virus ATV with an Extracellular Stage of the Reproductive Cycle. <i>Journal of Molecular Biology</i> , 2006, 359, 1203-1216.	4.2	110

#	ARTICLE	IF	CITATIONS
19	Crystallization and preliminary X-ray diffraction analysis of protein 14 from <i>Sulfolobus islandicus</i> filamentous virus (SIFV). <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 884-886.	0.7	4
20	Structure and function of the 3-carboxy-cis,cis-muconate lactonizing enzyme from the protocatechuate degradative pathway of <i>Agrobacterium radiobacter</i> S2. <i>FEBS Journal</i> , 2006, 273, 5169-5182.	4.7	7
21	Characterization of the genes encoding the 3-carboxy-cis,cis-muconate-lactonizing enzymes from the 4-sulfocatechol degradative pathways of <i>Hydrogenophaga intermedia</i> S1 and <i>Agrobacterium radiobacter</i> S2. <i>Microbiology (United Kingdom)</i> , 2006, 152, 3207-3216.	1.8	17
22	Structural and replicative diversity of large plasmids from sphingomonads that degrade polycyclic aromatic compounds and xenobiotics. <i>Microbiology (United Kingdom)</i> , 2005, 151, 2025-2037.	1.8	67
23	Detection and Characterization of Conjugative Degradative Plasmids in Xenobiotic-Degrading <i>Sphingomonas</i> Strains. <i>Journal of Bacteriology</i> , 2004, 186, 3862-3872.	2.2	114
24	Characterization of a small tRNA ^{scp} binding protein that interacts with the archaeal proteasome complex. <i>Molecular Microbiology</i> , 0, , .	2.5	1