

Alena Paleskava

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

288
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	The pathway to GTPase activation of elongation factor SelB on the ribosome. <i>Nature</i> , 2016, 540, 80-85.	27.8	93
2	Thermodynamic and Kinetic Framework of Selenocysteyl-tRNA ^{Sec} Recognition by Elongation Factor SelB. <i>Journal of Biological Chemistry</i> , 2010, 285, 3014-3020.	3.4	38
3	How the initiating ribosome copes with ppGpp to translate mRNAs. <i>PLoS Biology</i> , 2020, 18, e3000593.	5.6	37
4	Thermodynamics of the GTP-GDP-operated Conformational Switch of Selenocysteine-specific Translation Factor SelB. <i>Journal of Biological Chemistry</i> , 2012, 287, 27906-27912.	3.4	22
5	Single-step purification of specific tRNAs by hydrophobic tagging. <i>Analytical Biochemistry</i> , 2006, 356, 148-150.	2.4	20
6	Towards understanding selenocysteine incorporation into bacterial proteins. <i>Biological Chemistry</i> , 2007, 388, 1061-1067.	2.5	16
7	Insights into the improved macrolide inhibitory activity from the high-resolution cryo-EM structure of dirithromycin bound to the <i>E. coli</i> 70S ribosome. <i>Rna</i> , 2020, 26, 715-723.	3.5	15
8	Structure of Dirithromycin Bound to the Bacterial Ribosome Suggests New Ways for Rational Improvement of Macrolides. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	11
9	Multifaceted Mechanism of Amicoumacin A Inhibition of Bacterial Translation. <i>Frontiers in Microbiology</i> , 2021, 12, 618857.	3.5	11
10	Triphenylphosphonium Analogs of Chloramphenicol as Dual-Acting Antimicrobial and Antiproliferating Agents. <i>Antibiotics</i> , 2021, 10, 489.	3.7	11
11	Ribosomal protein S18 acetyltransferase RimI is responsible for the acetylation of elongation factor Tu. <i>Journal of Biological Chemistry</i> , 2022, 298, 101914.	3.4	11
12	Differential Contribution of Protein Factors and 70S Ribosome to Elongation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9614.	4.1	3