Andrey V Zhigailov

List of Publications by Year
in descending order

13	68	1937685 4	1474206 9
papers	citations	h-index	g-index

14	14	14	81
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	ARC-1, a sequence element complementary to an internal 18S rRNA segment, enhances translation efficiency in plants when present in the leader or intercistronic region of mRNAs. Nucleic Acids Research, 2004, 32, 239-247.	14.5	41
2	Evidence That Phosphorylation of the Î±-Subunit of eIF2 Does Not Essentially Inhibit mRNA Translation in Wheat Germ Cell-Free System. Frontiers in Plant Science, 2020, 11, 936.	3.6	9
3	2â€²â€OH of mRNA are critical for the binding of its codons at the 40S ribosomal P site but not at the mRNA entry site. FEBS Letters, 2012, 586, 3731-3736.	2.8	5
4	The prevalence of Borrelia in Ixodes persulcatus in southeastern Kazakhstan. Ticks and Tick-borne Diseases, 2021, 12, 101716.	2.7	4
5	Expression of a Sheep Pox Virus Gene in Plant Systems under the Control of Plant Viral Regulatory Elements and with Sub-Cellular Targeting. Biosciences, Biotechnology Research Asia, 2016, 13, 01-08.	0.5	2
6	Putative implication of 3â€²-terminal segment of 18S rRNA in translation initiation of uncapped mRNAs in plants. Molecular Biology, 2011, 45, 291-299.	1.3	1
7	Two case reports of neuroinvasive West Nile virus infection in the Almaty region, Kazakhstan. IDCases, 2020, 21, e00872.	0.9	1
8	Monitoring of pathogenic Borrelia burgdorferi sensu lato in the Almaty oblast, Kazakhstan. Ticks and Tick-borne Diseases, 2021, 12, 101725.	2.7	1
9	Phosphorylation of the alpha-subunit of plant eukaryotic initiation factor 2 prevents its association with polysomes but does not considerably suppress protein synthesis. Plant Science, 2022, 317, 111190.	3.6	1
10	Fragment of mRNA coding part complementary to region 1638â€“1650 of wheat 18S RNA functions as a translational enhancer. Molecular Biology, 2012, 46, 670-677.	1.3	0
11	Study of 18S rRNA 5â€²-terminus discrete fragmentation in plants under different stress conditions. Journal of Biotechnology, 2017, 256, S103.	3.8	0
12	The Effect of Translation Promoting Site (TPS) on Protein Expression in E. coli Cells. Molecular Biotechnology, 2020, 62, 326-334.	2.4	0
13	Constructing the constitutively active ribosomal protein S6 kinase 2 from <i>Arabidopsis thaliana</i> (AtRPS6K2) and testing its activity <i>in vitro</i>. Vavilovskii Zhurnal Genetiki I Selektsii, 2020, 24, 233-238.	1.1	0