

Oksana P Kovalenko

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

107
citations

1684188

5
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of potent anti-tuberculosis agents targeting leucyl-tRNA synthetase. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1023-1031.	3.0	32
2	Identification of <i>Mycobacterium tuberculosis</i> leucyl-tRNA synthetase (LeuRS) inhibitors among the derivatives of 5-phenylamino-2H-[1,2,4]triazin-3-one. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 201-207.	5.2	20
3	Dual-target inhibitors of mycobacterial aminoacyl-tRNA synthetases among <i>N</i> -benzylidene- ϵ -thiazol-2-yl-hydrazines. <i>MedChemComm</i> , 2019, 10, 2161-2169.	3.4	19
4	Dual-targeted hit identification using pharmacophore screening. <i>Journal of Computer-Aided Molecular Design</i> , 2019, 33, 955-964.	2.9	8
5	The primary structure of tRNA ^{Ser} from <i>Thermus thermophilus</i> . <i>Biopolymers and Cell</i> , 1997, 13, 202-208.	0.4	5
6	Recognition of tRNAs with a long variable arm by aminoacyl-tRNA synthetases. <i>Biopolymers and Cell</i> , 2013, 29, 311-323.	0.4	3
7	Substrate-assisted mechanism of catalytic hydrolysis of misaminoacylated tRNA required for protein synthesis fidelity. <i>Biochemical Journal</i> , 2019, 476, 719-732.	3.7	3
8	Isolation and purification isoaccepting tRNA ^{1Ser} and tRNA ^{2Ser} from <i>Thermus thermophilus</i> . <i>Biopolymers and Cell</i> , 2006, 22, 425-432.	0.4	3
9	The Dual Role of the 2'-OH Group of A76 tRNA ^{Tyr} in the Prevention of d-tyrosine Mistranslation. <i>Journal of Molecular Biology</i> , 2018, 430, 2670-2676.	4.2	2
10	Study of tertiary structure elements of tRNA ^{Ser} from <i>Thermus thermophilus</i> in solution. <i>Biopolymers and Cell</i> , 2000, 16, 115-123.	0.4	2
11	Isolation and purification of <i>Thermus thermophilus</i> tRNA ^{Lys} and determination of its modified nucleotides. <i>Biopolymers and Cell</i> , 2008, 24, 21-27.	0.4	2
12	Molecular cloning, sequencing and expression in <i>Escherichia coli</i> cells <i>Thermus thermophilus</i> leucyl-tRNA synthetase. <i>Biopolymers and Cell</i> , 2011, 27, 436-441.	0.4	2
13	Role of tRNA ^{Pro} in pretransfer editing of alanine by prolyl-tRNA synthetase. <i>Biopolymers and Cell</i> , 2013, 29, 382-388.	0.4	1
14	Cloning, expression and purification of D-Tyr-tRNA ^{Tyr} -deacylase from <i>Thermus thermophilus</i> . <i>Biopolymers and Cell</i> , 2015, 31, 179-186.	0.4	1
15	Participation of nitrogen bases in the tertiary folding of tRNA ^{Leu} from <i>Thermus thermophilus</i> . <i>Biopolymers and Cell</i> , 2003, 19, 151-156.	0.4	1
16	Molecular cloning, sequencing and sequence analysis of <i>Thermus thermophilus</i> tyrosyl-tRNA synthetase. <i>Biopolymers and Cell</i> , 2004, 20, 144-149.	0.4	1
17	Study on interaction of <i>Thermus thermophilus</i> prolyl-tRNA synthetase with homologous tRNA ^{ACGPro} by methods of chemical modification in solution. <i>Biopolymers and Cell</i> , 2008, 24, 385-392.	0.4	1
18	Studies of interaction sites between tRNA ^{2Ser} from <i>Thermus thermophilus</i> and seryl-tRNA synthetase by chemical modification. <i>Biopolymers and Cell</i> , 1997, 13, 298-302.	0.4	1