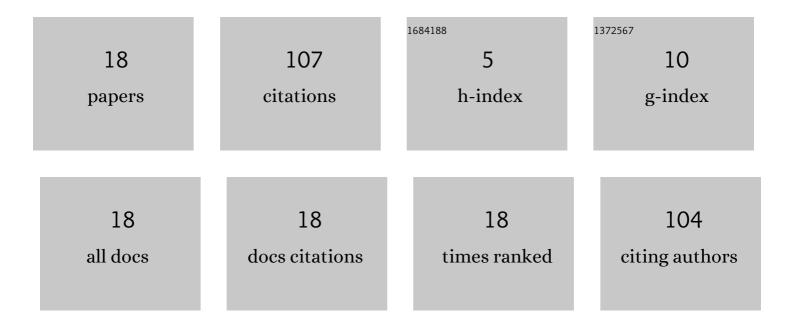
## Oksana P Kovalenko

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4866565/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Discovery of potent anti-tuberculosis agents targeting leucyl-tRNA synthetase. Bioorganic and Medicinal Chemistry, 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. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 201-207.	5.2	20
3	Dual-target inhibitors of mycobacterial aminoacyl-tRNA synthetases among <i>N</i> -benzylidene- <i>N</i> ′-thiazol-2-yl-hydrazines. MedChemComm, 2019, 10, 2161-2169.	3.4	19
4	Dual-targeted hit identification using pharmacophore screening. Journal of Computer-Aided Molecular Design, 2019, 33, 955-964.	2.9	8
5	The primary structure of tRNASer from Thermus thermophilus. Biopolymers and Cell, 1997, 13, 202-208.	0.4	5
6	Recognition of tRNAs with a long variable arm by aminoacyl-tRNA synthetases. Biopolymers and Cell, 2013, 29, 311-323.	0.4	3
7	Substrate-assisted mechanism of catalytic hydrolysis of misaminoacylated tRNA required for protein synthesis fidelity. Biochemical Journal, 2019, 476, 719-732.	3.7	3
8	Isolation and purification isoaccepting tRNA1Ser and tRNA2Ser from Thermus thermophilus. Biopolymers and Cell, 2006, 22, 425-432.	0.4	3
9	The Dual Role of the 2′-OH Group of A76 tRNATyr in the Prevention of d-tyrosine Mistranslation. Journal of Molecular Biology, 2018, 430, 2670-2676.	4.2	2
10	Study of tertiary structure elements of tRNASer from Thermus thermophilus in solution. Biopolymers and Cell, 2000, 16, 115-123.	0.4	2
11	Isolation and purification of Thermus thermophilus tRNALys and determination of its modified nucleotides. Biopolymers and Cell, 2008, 24, 21-27.	0.4	2
12	Molecular cloning, sequencing and expression in Escherichia coli cells Thermus thermophilus leucyl-tRNA synthetase. Biopolymers and Cell, 2011, 27, 436-441.	0.4	2
13	Role of tRNAPro in pretransfer editing of alanine by prolyl-tRNA synthetase. Biopolymers and Cell, 2013, 29, 382-388.	0.4	1
14	Cloning, expression and purification of D-Tyr-tRNATyr-deacylase from Thermus thermophilus. Biopolymers and Cell, 2015, 31, 179-186.	0.4	1
15	Participation of nitrogen bases in the tertiary folding of tRNALeu from Thermus thermophilus. Biopolymers and Cell, 2003, 19, 151-156.	0.4	1
16	Molecular cloning, sequencing and sequence analysis of Thermus thermophilus tyrosyl-tRNA synthetase. Biopolymers and Cell, 2004, 20, 144-149.	0.4	1
17	Study on interaction of Thermus thermophilus prolyl-tRNA synthetase with gomologous tRNACGGPro by methods of chemical modification in solution. Biopolymers and Cell, 2008, 24, 385-392.	0.4	1
18	Studies of interaction sites between tRNA2Ser from Thermus thermophilus and seryl-tRNA synthetase by chemical modification. Biopolymers and Cell, 1997, 13, 298-302.	0.4	1