

# Kamilla Bakowska-Zywicka

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

480  
citations

840585

11  
h-index

752573

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

718  
citing authors

#	ARTICLE	IF	CITATIONS
1	An mRNA-Derived Noncoding RNA Targets and Regulates the Ribosome. <i>Molecular Cell</i> , 2014, 54, 147-155.	4.5	71
2	Emerging applications of riboswitches “ from antibacterial targets to molecular tools. <i>Journal of Applied Genetics</i> , 2016, 57, 531-541.	1.0	68
3	An intact ribose moiety at A2602 of 23S rRNA is key to trigger peptidyl-tRNA hydrolysis during translation termination. <i>Nucleic Acids Research</i> , 2007, 35, 5130-5140.	6.5	55
4	Revealing stable processing products from ribosome-associated small RNAs by deep-sequencing data analysis. <i>Nucleic Acids Research</i> , 2012, 40, 4013-4024.	6.5	53
5	Transfer RNA-derived fragments target and regulate ribosome-associated aminoacyl-transfer RNA synthetases. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 647-656.	0.9	44
6	tRNA-derived short RNAs bind to <i>Saccharomyces cerevisiae</i> ribosomes in a stress-dependent manner and inhibit protein synthesis <i>in vitro</i> . <i>FEMS Yeast Research</i> , 2016, 16, fow077.	1.1	31
7	Ex-translational function of tRNAs and their fragments in cancer.. <i>Acta Biochimica Polonica</i> , 2014, 61, .	0.3	25
8	The widespread occurrence of tRNA-derived fragments in <i>Saccharomyces cerevisiae</i> . <i>FEBS Open Bio</i> , 2016, 6, 1186-1200.	1.0	21
9	When small RNAs become smaller: non - canonical functions of snoRNAs and their derivatives. <i>Acta Biochimica Polonica</i> , 2017, 63, 601-607.	0.3	20
10	Levels of sdRNAs in cytoplasm and their association with ribosomes are dependent upon stress conditions but independent from snoRNA expression. <i>Scientific Reports</i> , 2019, 9, 18397.	1.6	19
11	Small Noncoding RNAs in Knee Osteoarthritis: The Role of MicroRNAs and tRNA-Derived Fragments. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5711.	1.8	15
12	The Role of RNA Secondary Structure in Regulation of Gene Expression in Bacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7845.	1.8	14
13	Ex-translational function of tRNAs and their fragments in cancer. <i>Acta Biochimica Polonica</i> , 2014, 61, 211-6.	0.3	11
14	Autologous adipose tissue injection versus platelet-rich plasma (PRP) injection in the treatment of knee osteoarthritis: a randomized, controlled study “ study protocol. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 314.	0.8	9
15	Intra-Articular Injections of Autologous Adipose Tissue or Platelet-Rich Plasma Comparably Improve Clinical and Functional Outcomes in Patients with Knee Osteoarthritis. <i>Biomedicines</i> , 2022, 10, 684.	1.4	9
16	Correlation of the structure and conformational changes of selected fragments of plant small ribosomal RNA within the steps of polypeptide chain elongation. <i>Journal of Plant Physiology</i> , 2007, 164, 496-504.	1.6	4
17	Antisense Oligonucleotides Targeting Universally Conserved 26S rRNA Domains of Plant Ribosomes at Different Steps of Polypeptide Elongation. <i>Oligonucleotides</i> , 2008, 18, 175-186.	2.7	3
18	Evaluation of methods for the detection of low-abundant snoRNA-derived small RNAs in <i>Saccharomyces cerevisiae</i> . <i>Biotechnologia</i> , 2016, 1, 19-26.	0.3	3

#	ARTICLE	IF	CITATIONS
19	PTT-quant: a new method for direct identification and absolute quantification of premature transcription termination events, following the example of bacterial riboswitches. Applied Microbiology and Biotechnology, 2022, 106, 1557-1570.	1.7	2
20	Stress Responsive Non-protein Coding RNAs. , 2016, , .		1
21	Similar Outcomes and Satisfaction of the Proprioceptive versus Standard Training on the Knee Function and Proprioception, Following the Anterior Cruciate Ligament Reconstruction. Applied Sciences (Switzerland), 2021, 11, 3494.	1.3	1
22	Peroxidase polymorphism in pubescent oak ( <i>Quercus pubescens</i> Willd.) in relation to <i>Q. petraea</i> Matt. Liebl and <i>Q. robur</i> L.. Journal of Molecular Catalysis B: Enzymatic, 2016, 133, S194-S199.	1.8	0
23	Suitability of high-throughput DMS-probing data for constraining the secondary structure prediction of small RNAs. Biotechnologia, 2016, 3, 161-167.	0.3	0