

# Xiaoyun Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3832480/publications.pdf>

Version: 2024-02-01

19  
papers

1,081  
citations

686830

13  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1809  
citing authors

#	ARTICLE	IF	CITATIONS
1	ALKBH1-Mediated tRNA Demethylation Regulates Translation. <i>Cell</i> , 2016, 167, 816-828.e16.	13.5	366
2	N6-Methyladenosine methyltransferase ZCCHC4 mediates ribosomal RNA methylation. <i>Nature Chemical Biology</i> , 2019, 15, 88-94.	3.9	258
3	Queuosine modification protects cognate tRNAs against ribonuclease cleavage. <i>Rna</i> , 2018, 24, 1305-1313.	1.6	92
4	Diversity of human tRNA genes from the 1000-genomes project. <i>RNA Biology</i> , 2013, 10, 1853-1867.	1.5	79
5	Codon optimality controls differential mRNA translation during amino acid starvation. <i>Rna</i> , 2016, 22, 1719-1727.	1.6	47
6	Transcriptome-wide reprogramming of N6-methyladenosine modification by the mouse microbiome. <i>Cell Research</i> , 2019, 29, 167-170.	5.7	38
7	Evolutionary Gain of Alanine Mischarging to Noncognate tRNAs with a G4:U69 Base Pair. <i>Journal of the American Chemical Society</i> , 2016, 138, 12948-12955.	6.6	35
8	Enhanced antitumor efficacy of a novel fiber chimeric oncolytic adenovirus expressing p53 on hepatocellular carcinoma. <i>Cancer Letters</i> , 2011, 307, 93-103.	3.2	29
9	Stress Response and Adaptation Mediated by Amino Acid Misincorporation during Protein Synthesis. <i>Advances in Nutrition</i> , 2016, 7, 773S-779S.	2.9	24
10	Methionine Mistranslation Bypasses the Restraint of the Genetic Code to Generate Mutant Proteins with Distinct Activities. <i>PLoS Genetics</i> , 2015, 11, e1005745.	1.5	21
11	Gut Microbiota Dysbiosis Influences Metabolic Homeostasis in <i>Spodoptera frugiperda</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 727434.	1.5	18
12	Hili Inhibits HIV Replication in Activated T Cells. <i>Journal of Virology</i> , 2017, 91, .	1.5	15
13	A dual fluorescent reporter for the investigation of methionine mistranslation in live cells. <i>Rna</i> , 2016, 22, 467-476.	1.6	14
14	The Impact of Microbiome and Microbiota-Derived Sodium Butyrate on <i>Drosophila</i> Transcriptome and Metabolome Revealed by Multi-Omics Analysis. <i>Metabolites</i> , 2021, 11, 298.	1.3	13
15	Tissue-specific reprogramming of host tRNA transcriptome by the microbiome. <i>Genome Research</i> , 2021, 31, 947-957.	2.4	11
16	Interaction of tRNA with MEK2 in pancreatic cancer cells. <i>Scientific Reports</i> , 2016, 6, 28260.	1.6	8
17	The regulatory role of $\epsilon$ -methyladenosine modification in the interaction between host and microbes. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1725.	3.2	8
18	The TIAR-mediated Nrf2 response to oxidative stress is mediated through the Nrf2 noncoding 3'untranslated region in <i>Spodoptera litura</i> . <i>Free Radical Biology and Medicine</i> , 2022, 184, 17-29.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Methionine Misacylation of tRNA on CaMKII in Response to ER Stress. FASEB Journal, 2015, 29, 892.7.	0.2	0