

# Alexei Korennykh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8621176/publications.pdf>

Version: 2024-02-01

12  
papers

687  
citations

933447

10  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Basis of the Unfolded Protein Response. Annual Review of Cell and Developmental Biology, 2012, 28, 251-277.	9.4	186
2	Ribonuclease L mediates the cell-lethal phenotype of double-stranded RNA editing enzyme ADAR1 deficiency in a human cell line. ELife, 2017, 6, .	6.0	121
3	Rapid RNase Lâ€™driven arrest of protein synthesis in the dsRNA response without degradation of translation machinery. Rna, 2017, 23, 1660-1671.	3.5	103
4	Structural mechanism of sensing long dsRNA via a noncatalytic domain in human oligoadenylate synthetase 3. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3949-3954.	7.1	64
5	Concerted 2-5A-Mediated mRNA Decay and Transcription Reprogram Protein Synthesis in the dsRNA Response. Molecular Cell, 2019, 75, 1218-1228.e6.	9.7	50
6	Human RNase L tunes gene expression by selectively destabilizing the microRNA-regulated transcriptome. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15916-15921.	7.1	44
7	The human microbiome encodes resistance to the antidiabetic drug acarbose. Nature, 2021, 600, 110-115.	27.8	44
8	Real-time 2-5A kinetics suggest that interferons $\beta$ and $\gamma$ evade global arrest of translation by RNase L. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2103-2111.	7.1	29
9	A mutation in the viral sensor 2â€™-5â€™-oligoadenylate synthetase 2 causes failure of lactation. PLoS Genetics, 2017, 13, e1007072.	3.5	21
10	Crystal Structure of Human Nocturnin Catalytic Domain. Scientific Reports, 2018, 8, 16294.	3.3	13
11	Introns encode dsRNAs undetected by RIG-I/MDA5/interferons and sensed via RNase L. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	5
12	Structure of human NADK2 reveals atypical assembly and regulation of NAD kinases from animal mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3