

Alexei Korennykh

List of Publications by Year in descending order

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