

Grzegorz KudÅ,a

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

8,139
citations

136740

32
h-index

223531

46
g-index

52
all docs

52
docs citations

52
times ranked

11199
citing authors

#	ARTICLE	IF	CITATIONS
1	Synonymous but not the same: the causes and consequences of codon bias. <i>Nature Reviews Genetics</i> , 2011, 12, 32-42.	7.7	1,293
2	Coding-Sequence Determinants of Gene Expression in <i>Escherichia coli</i> . <i>Science</i> , 2009, 324, 255-258.	6.0	1,255
3	Mapping the Human miRNA Interactome by CLASH Reveals Frequent Noncanonical Binding. <i>Cell</i> , 2013, 153, 654-665.	13.5	1,164
4	Rate-Limiting Steps in Yeast Protein Translation. <i>Cell</i> , 2013, 153, 1589-1601.	13.5	431
5	High Guanine and Cytosine Content Increases mRNA Levels in Mammalian Cells. <i>PLoS Biology</i> , 2006, 4, e180.	2.6	350
6	N6-methyladenosine demethylase FTO targets pre-mRNAs and regulates alternative splicing and 3'-end processing. <i>Nucleic Acids Research</i> , 2017, 45, 11356-11370.	6.5	337
7	Identification of protein binding sites on U3 snoRNA and pre-rRNA by UV cross-linking and high-throughput analysis of cDNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9613-9618.	3.3	322
8	Cross-linking, ligation, and sequencing of hybrids reveals RNA-RNA interactions in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10010-10015.	3.3	270
9	Evidence for the biogenesis of more than 1,000 novel human microRNAs. <i>Genome Biology</i> , 2014, 15, R57.	13.9	222
10	Transcriptome-wide Analysis of Exosome Targets. <i>Molecular Cell</i> , 2012, 48, 422-433.	4.5	184
11	The nuclear RNA polymerase II surveillance system targets polymerase III transcripts. <i>EMBO Journal</i> , 2011, 30, 1790-1803.	3.5	163
12	The Human Nuclear Exosome Targeting Complex Is Loaded onto Newly Synthesized RNA to Direct Early Ribonucleolysis. <i>Cell Reports</i> , 2015, 10, 178-192.	2.9	157
13	PAR-CLIP data indicate that Nrd1-Nab3-dependent transcription termination regulates expression of hundreds of protein coding genes in yeast. <i>Genome Biology</i> , 2014, 15, R8.	13.9	155
14	Small RNA interactome of pathogenic <i>E. coli</i> revealed through crosslinking of RNase E. <i>EMBO Journal</i> , 2017, 36, 374-387.	3.5	153
15	COMRADES determines in vivo RNA structures and interactions. <i>Nature Methods</i> , 2018, 15, 785-788.	9.0	143
16	Hsp90 Chaperones Wild-type p53 Tumor Suppressor Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 48836-48845.	1.6	134
17	Murine cytomegalovirus encodes a miR-27 inhibitor disguised as a target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 279-284.	3.3	129
18	The Destabilization of Lipid Membranes Induced by the C-terminal Fragment of Caspase 8-cleaved Bid Is Inhibited by the N-terminal Fragment. <i>Journal of Biological Chemistry</i> , 2000, 275, 22713-22718.	1.6	119

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19	Network of epistatic interactions within a yeast snoRNA. <i>Science</i> , 2016, 352, 840-844.	6.0	116
20	Hyb: A bioinformatics pipeline for the analysis of CLASH (crosslinking, ligation and sequencing of) Tj ETQq0 0 0 rgBT /Overlock, 10 Tf 50	1.9	77
21	Inducible Heat Shock Protein 70 Promotes Myelin Autoantigen Presentation by the HLA Class II. <i>Journal of Immunology</i> , 2004, 172, 202-213.	0.4	75
22	Codon usage influences fitness through RNA toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8639-8644.	3.3	74
23	Mutually Exclusive CBC-Containing Complexes Contribute to RNA Fate. <i>Cell Reports</i> , 2017, 18, 2635-2650.	2.9	73
24	Brr2p-mediated conformational rearrangements in the spliceosome during activation and substrate repositioning. <i>Genes and Development</i> , 2012, 26, 2408-2421.	2.7	68
25	Evidence for Strong Mutation Bias toward, and Selection against, U Content in SARS-CoV-2: Implications for Vaccine Design. <i>Molecular Biology and Evolution</i> , 2021, 38, 67-83.	3.5	68
26	Codon Usage and Splicing Jointly Influence mRNA Localization. <i>Cell Systems</i> , 2020, 10, 351-362.e8.	2.9	61
27	Box C/D snoRNP catalysed methylation is aided by additional pre-rRNA base-pairing. <i>EMBO Journal</i> , 2011, 30, 2420-2430.	3.5	59
28	Gene Conversion and GC-Content Evolution in Mammalian Hsp70. <i>Molecular Biology and Evolution</i> , 2004, 21, 1438-1444.	3.5	53
29	The PIN domain endonuclease Utp24 cleaves pre-ribosomal RNA at two coupled sites in yeast and humans. <i>Nucleic Acids Research</i> , 2016, 44, 5399-5409.	6.5	53
30	Strand-specific, high-resolution mapping of modified RNA polymerase II. <i>Molecular Systems Biology</i> , 2016, 12, 874.	3.2	46
31	A pre-ribosomal RNA interaction network involving snoRNAs and the Rok1 helicase. <i>Rna</i> , 2014, 20, 1173-1182.	1.6	45
32	The nuclear RNA polymerase II surveillance system targets polymerase III transcripts. <i>EMBO Journal</i> , 2011, 30, 2982-2982.	3.5	43
33	Causes and Consequences of Purifying Selection on SARS-CoV-2. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	37
34	Codon optimization of antigen coding sequences improves the immune potential of DNA vaccines against avian influenza virus H5N1 in mice and chickens. <i>Virology Journal</i> , 2016, 13, 143.	1.4	33
35	In vivo structure and dynamics of the SARS-CoV-2 RNA genome. <i>Nature Communications</i> , 2021, 12, 5695.	5.8	27
36	Transcription, mRNA Export, and Immune Evasion Shape the Codon Usage of Viruses. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	24

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37	Loss of the Yeast SR Protein Npl3 Alters Gene Expression Due to Transcription Readthrough. PLoS Genetics, 2015, 11, e1005735.	1.5	23
38	RNA Conformation Capture by Proximity Ligation. Annual Review of Genomics and Human Genetics, 2020, 21, 81-100.	2.5	23
39	RNA polymerase II stalling at pre-mRNA splice sites is enforced by ubiquitination of the catalytic subunit. ELife, 2017, 6, .	2.8	16
40	RNase III CLASH in MRSA uncovers sRNA regulatory networks coupling metabolism to toxin expression. Nature Communications, 2022, 13, .	5.8	14
41	Integrity of SRP RNA is ensured by La and the nuclear RNA quality control machinery. Nucleic Acids Research, 2014, 42, 10698-10710.	6.5	7
42	Maf1-mediated regulation of yeast RNA polymerase III is correlated with CCA addition at the 3' end of tRNA precursors. Gene, 2017, 612, 12-18.	1.0	7
43	Evidence in disease and non-disease contexts that nonsense mutations cause altered splicing via motif disruption. Nucleic Acids Research, 2021, 49, 9665-9685.	6.5	7
44	Global mapping of RNA homodimers in living cells. Genome Research, 2022, , .	2.4	3
45	Lighting up protein design. ELife, 2022, 11, .	2.8	2