

Lukasz S Borowski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8983975/publications.pdf>

Version: 2024-02-01

18
papers

1,072
citations

687363

13
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

1806
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial double-stranded RNA triggers antiviral signalling in humans. <i>Nature</i> , 2018, 560, 238-242.	27.8	397
2	Human mitochondrial RNA decay mediated by PNPase-hSuv3 complex takes place in distinct foci. <i>Nucleic Acids Research</i> , 2013, 41, 1223-1240.	14.5	160
3	Human mitochondrial RNA turnover caught in flagranti: involvement of hSuv3p helicase in RNA surveillance. <i>Nucleic Acids Research</i> , 2010, 38, 279-298.	14.5	111
4	DIS3 shapes the RNA polymerase II transcriptome in humans by degrading a variety of unwanted transcripts. <i>Genome Research</i> , 2015, 25, 1622-1633.	5.5	73
5	Dedicated surveillance mechanism controls G-quadruplex forming non-coding RNAs in human mitochondria. <i>Nature Communications</i> , 2018, 9, 2558.	12.8	67
6	RNA Degradation in Yeast and Human Mitochondria. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 1027-1034.	1.9	42
7	Identification of a novel human mitochondrial endo-/exonuclease Ddk1/c20orf72 necessary for maintenance of proper 7S DNA levels. <i>Nucleic Acids Research</i> , 2013, 41, 3144-3161.	14.5	41
8	RNA turnover in human mitochondria: More questions than answers?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1066-1070.	1.0	39
9	Versatile approach for functional analysis of human proteins and efficient stable cell line generation using FLP-mediated recombination system. <i>PLoS ONE</i> , 2018, 13, e0194887.	2.5	32
10	Yeast and human mitochondrial helicases. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 842-853.	1.9	26
11	Quantitative proteomics revealed C6orf203/MTRES1 as a factor preventing stress-induced transcription deficiency in human mitochondria. <i>Nucleic Acids Research</i> , 2019, 47, 7502-7517.	14.5	21
12	Human REXO2 controls short mitochondrial RNAs generated by mtRNA processing and decay machinery to prevent accumulation of double-stranded RNA. <i>Nucleic Acids Research</i> , 2020, 48, 5572-5590.	14.5	18
13	Controlling the mitochondrial antisense role of the SUV3-PNPase complex and its co-factor GRSF1 in mitochondrial RNA surveillance. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1516452.	0.7	14
14	DNA Repair Protein APE1 Degrades Dysfunctional Abasic mRNA in Mitochondria Affecting Oxidative Phosphorylation. <i>Journal of Molecular Biology</i> , 2021, 433, 167125.	4.2	12
15	Measurement of Mitochondrial RNA Stability by Metabolic Labeling of Transcripts with 4-Thiouridine. <i>Methods in Molecular Biology</i> , 2014, 1125, 277-286.	0.9	11
16	Mitochondrial <scp>RNA</scp>, a new trigger of the innate immune system. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1690.	6.4	6
17	High-Throughput Measurement of Mitochondrial RNA Turnover in Human Cultured Cells. <i>Methods in Molecular Biology</i> , 2021, 2192, 133-146.	0.9	2
18	Loading messenger RNAs onto ribosomes in human mitochondria: lessons learned from a bacterial toxin. <i>FEBS Journal</i> , 2021, 288, 434-436.	4.7	0