

Stefan J Siira

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

985
citations

516215

16
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Computationally designed hyperactive Cas9 enzymes. Nature Communications, 2022, 13, .	5.8	8
2	Mitochondrial mistranslation modulated by metabolic stress causes cardiovascular disease and reduced lifespan. Aging Cell, 2021, 20, e13408.	3.0	11
3	The mitochondrial single-stranded DNA binding protein is essential for initiation of mtDNA replication. Science Advances, 2021, 7, .	4.7	36
4	A common genetic variant of a mitochondrial RNA processing enzyme predisposes to insulin resistance. Science Advances, 2021, 7, eabi7514.	4.7	4
5	Cardiolipin is required for membrane docking of mitochondrial ribosomes and protein synthesis. Journal of Cell Science, 2020, 133, .	1.2	21
6	Dinucleotide Degradation by REXO2 Maintains Promoter Specificity in Mammalian Mitochondria. Molecular Cell, 2019, 76, 784-796.e6.	4.5	22
7	<scp>TEFM</scp> regulates both transcription elongation and <scp>RNA</scp> processing in mitochondria. EMBO Reports, 2019, 20, .	2.0	51
8	CirGO: an alternative circular way of visualising gene ontology terms. BMC Bioinformatics, 2019, 20, 84.	1.2	84
9	Fidelity of translation initiation is required for coordinated respiratory complex assembly. Science Advances, 2019, 5, eaay2118.	4.7	47
10	PTCD1 Is Required for 16S rRNA Maturation Complex Stability and Mitochondrial Ribosome Assembly. Cell Reports, 2018, 23, 127-142.	2.9	51
11	Concerted regulation of mitochondrial and nuclear nonâ€œcoding <scp>RNA</scp> s by a dualâ€œtargeted <scp>RN</scp> ase Z. EMBO Reports, 2018, 19, .	2.0	60
12	Modular ssDNA binding and inhibition of telomerase activity by designer PPR proteins. Nature Communications, 2018, 9, 2212.	5.8	16
13	Simultaneous processing and degradation of mitochondrial RNAs revealed by circularized RNA sequencing. Nucleic Acids Research, 2017, 45, 5487-5500.	6.5	36
14	LRPPRC-mediated folding of the mitochondrial transcriptome. Nature Communications, 2017, 8, 1532.	5.8	80
15	Hierarchical RNA Processing Is Required for Mitochondrial Ribosome Assembly. Cell Reports, 2016, 16, 1874-1890.	2.9	116
16	Transcriptome-wide effects of a <i>POLR3A</i> gene mutation in patients with an unusual phenotype of striatal involvement. Human Molecular Genetics, 2016, 25, 4302-4314.	1.4	46
17	POLRMT regulates the switch between replication primer formation and gene expression of mammalian mtDNA. Science Advances, 2016, 2, e1600963.	4.7	91
18	Recessive Mutations in TRMT10C Cause Defects in Mitochondrial RNA Processing and Multiple Respiratory Chain Deficiencies. American Journal of Human Genetics, 2016, 98, 993-1000.	2.6	89

#	ARTICLE	IF	CITATIONS
19	SLIRP Regulates the Rate of Mitochondrial Protein Synthesis and Protects LRPPRC from Degradation. PLoS Genetics, 2015, 11, e1005423.	1.5	80
20	Mapping of Mitochondrial RNA-Protein Interactions by Digital RNase Footprinting. Cell Reports, 2013, 5, 839-848.	2.9	36