

Magali Frugier

List of Publications by Year in descending order

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18
papers

551
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759233

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times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	A domain in the N-terminal extension of class IIb eukaryotic aminoacyl-tRNA synthetases is important for tRNA binding. <i>EMBO Journal</i> , 2000, 19, 2371-2380.	7.8	89
2	Towards Understanding Human Mitochondrial Leucine Aminoacylation Identity. <i>Journal of Molecular Biology</i> , 2003, 328, 995-1010.	4.2	88
3	Protein translation in <i>Plasmodium</i> parasites. <i>Trends in Parasitology</i> , 2011, 27, 467-476.	3.3	79
4	Crystal Structure of Human Mitochondrial Tyrosyl-tRNA Synthetase Reveals Common and Idiosyncratic Features. <i>Structure</i> , 2007, 15, 1505-1516.	3.3	50
5	LARS2 Variants Associated with Hydrops, Lactic Acidosis, Sideroblastic Anemia, and Multisystem Failure. <i>JIMD Reports</i> , 2015, 28, 49-57.	1.5	48
6	Human mitochondrial TyrRS disobeys the tyrosine identity rules. <i>Rna</i> , 2005, 11, 558-562.	3.5	38
7	Low Complexity Regions behave as tRNA sponges to help co-translational folding of plasmodial proteins. <i>FEBS Letters</i> , 2010, 584, 448-454.	2.8	32
8	Plasmodial Aspartyl-tRNA Synthetases and Peculiarities in <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 18893-18903.	3.4	29
9	Elaborate uORF/IRES features control expression and localization of human glycyl-tRNA synthetase. <i>RNA Biology</i> , 2015, 12, 1301-1313.	3.1	20
10	The phenotypic spectrum of germline <i>YARS2</i> variants: from isolated sideroblastic anemia to mitochondrial myopathy, lactic acidosis and sideroblastic anemia 2. <i>Haematologica</i> , 2018, 103, 2008-2015.	3.5	19
11	The expanding <i>LARS2</i> phenotypic spectrum: HLASA, Perrault syndrome with leukodystrophy, and mitochondrial myopathy. <i>Human Mutation</i> , 2020, 41, 1425-1434.	2.5	15
12	<i>Apicomplexa</i> -specific tRip facilitates import of exogenous tRNAs into malaria parasites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4717-4722.	7.1	14
13	OB or Not OB: Idiosyncratic utilization of the tRNA-binding OB-fold domain in unicellular, pathogenic eukaryotes. <i>FEBS Letters</i> , 2016, 590, 4180-4191.	2.8	8
14	Identification of host tRNAs preferentially recognized by the <i>Plasmodium</i> surface protein tRip. <i>Nucleic Acids Research</i> , 2021, 49, 10618-10629.	14.5	7
15	Discovery of two distinct aminoacyl-tRNA synthetase complexes anchored to the <i>Plasmodium</i> surface tRNA import protein. <i>Journal of Biological Chemistry</i> , 2022, 298, 101987.	3.4	5
16	<i>Plasmodium</i> apicoplast tyrosyl-tRNA synthetase recognizes an unusual, simplified identity set in cognate tRNA ^{Tyr} . <i>PLoS ONE</i> , 2018, 13, e0209805.	2.5	4
17	Structural Analysis of RNA by Small-Angle X-ray Scattering. <i>Methods in Molecular Biology</i> , 2020, 2113, 189-215.	0.9	3
18	A case of QARS1 associated epileptic encephalopathy and review of epilepsy in aminoacyl-tRNA synthetase disorders. <i>Brain and Development</i> , 2021, , .	1.1	3