Matthew D Berg

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6187954/publications.pdf

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17	319	1163117 8	940533 16
papers	citations	h-index	g-index

26	26	26	232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pathways to disease from natural variations in human cytoplasmic tRNAs. Journal of Biological Chemistry, 2019, 294, 5294-5308.	3.4	59
2	Transfer RNAs: diversity in form and function. RNA Biology, 2021, 18, 316-339.	3.1	44
3	Genetic selection for mistranslation rescues a defective co-chaperone in yeast. Nucleic Acids Research, 2017, 45, 3407-3421.	14.5	38
4	Visualizing tRNA-dependent mistranslation in human cells. RNA Biology, 2018, 15, 567-575.	3.1	35
5	Evolving Mistranslating tRNAs Through a Phenotypically Ambivalent Intermediate in Saccharomyces cerevisiae. Genetics, 2017, 206, 1865-1879.	2.9	24
6	Modulating Mistranslation Potential of tRNASer in Saccharomyces cerevisiae. Genetics, 2019, 213, 849-863.	2.9	21
7	Targeted sequencing reveals expanded genetic diversity of human transfer RNAs. RNA Biology, 2019, 16, 1574-1585.	3.1	19
8	The Pseudokinase Domain of Saccharomyces cerevisiae Tra1 Is Required for Nuclear Localization and Incorporation into the SAGA and NuA4 Complexes. G3: Genes, Genomes, Genetics, 2018, 8, 1943-1957.	1.8	16
9	Acceptor Stem Differences Contribute to Species-Specific Use of Yeast and Human tRNASer. Genes, 2018, 9, 612.	2.4	11
10	The amino acid substitution affects cellular response to mistranslation. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	10
11	Sfp1 links TORC1 and cell growth regulation to the yeast SAGAâ€complex component Tra1 in response to polyQ proteotoxicity. Traffic, 2019, 20, 267-283.	2.7	9
12	Chemical-Genetic Interactions with the Proline Analog L-Azetidine-2-Carboxylic Acid in Saccharomyces cerevisiae. G3: Genes, Genomes, Genetics, 2020, 10, 4335-4345.	1.8	8
13	The SAGA and NuA4 component Tra1 regulates Candida albicans drug resistance and pathogenesis. Genetics, 2021, 219, .	2.9	7
14	Mistranslating tRNA identifies a deleterious S213P mutation in theSaccharomyces cerevisiaeeco1-1allele. Biochemistry and Cell Biology, 2020, 98, 624-630.	2.0	6
15	Regulating Expression of Mistranslating tRNAs by Readthrough RNA Polymerase II Transcription. ACS Synthetic Biology, 2021, 10, 3177-3189.	3.8	4
16	A novel mistranslating tRNA model in Drosophila melanogaster has diverse, sexually dimorphic effects. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	4
17	Genetic background and mistranslation frequency determine the impact of mistranslating tRNASerUGG. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	1