

# Damien BrÃ©geon

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

571  
citations

840776

11  
h-index

940533

16  
g-index

16  
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16  
docs citations

16  
times ranked

667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional Mutagenesis Induced by Uracil and 8-Oxoguanine in Escherichia coli. <i>Molecular Cell</i> , 2003, 12, 959-970.	9.7	142
2	Transcriptional mutagenesis: causes and involvement in tumour development. <i>Nature Reviews Cancer</i> , 2011, 11, 218-227.	28.4	89
3	Transcriptional Mutagenesis Induced by 8-Oxoguanine in Mammalian Cells. <i>PLoS Genetics</i> , 2009, 5, e1000577.	3.5	61
4	Inefficient mismatch repair: genetic defects and down regulation. <i>Journal of Genetics</i> , 1999, 78, 21-28.	0.7	46
5	Hypothetical role of RNA damage avoidance in preventing human disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 577, 293-302.	1.0	44
6	A single methyltransferase YefA (RlmCD) catalyses both m <sup>5</sup> U747 and m <sup>5</sup> U1939 modifications in <i>Bacillus subtilis</i> 23S rRNA. <i>Nucleic Acids Research</i> , 2011, 39, 9368-9375.	14.5	35
7	Unveiling structural and functional divergences of bacterial tRNA dihydrouridine synthases: perspectives on the evolution scenario. <i>Nucleic Acids Research</i> , 2018, 46, 1386-1394.	14.5	30
8	tRNA 2'-O-methylation by a duo of TRM7/FTSJ1 proteins modulates small RNA silencing in <i>Drosophila</i> . <i>Nucleic Acids Research</i> , 2020, 48, 2050-2072.	14.5	30
9	Survey and Validation of tRNA Modifications and Their Corresponding Genes in <i>Bacillus subtilis</i> sp Subtilis Strain 168. <i>Biomolecules</i> , 2020, 10, 977.	4.0	21
10	An extended dsRBD is required for post-transcriptional modification in human tRNAs. <i>Nucleic Acids Research</i> , 2015, 43, 9446-9456.	14.5	18
11	Reliable method for generating double-stranded DNA vectors containing site-specific base modifications. <i>BioTechniques</i> , 2004, 37, 760-766.	1.8	16
12	Assays for Transcriptional Mutagenesis in Active Genes. <i>Methods in Enzymology</i> , 2006, 409, 345-357.	1.0	9
13	Dihydrouridine in the Transcriptome: New Life for This Ancient RNA Chemical Modification. <i>ACS Chemical Biology</i> , 2022, 17, 1638-1657.	3.4	9
14	Reductive Evolution and Diversification of C5-Uracil Methylation in the Nucleic Acids of Mollicutes. <i>Biomolecules</i> , 2020, 10, 587.	4.0	8
15	Dihydrouridine synthesis in tRNAs is under reductive evolution in Mollicutes. <i>RNA Biology</i> , 2021, 18, 2278-2289.	3.1	7
16	Electrostatic Potential in the tRNA Binding Evolution of Dihydrouridine Synthases. <i>Biochemistry</i> , 2018, 57, 5407-5414.	2.5	6