

Erin G Prestwich

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

996
citations

623188

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940134

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docs citations

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times ranked

1620
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure and catalytic mechanism of the essential m1G37 tRNA methyltransferase TrmD from <i>Pseudomonas aeruginosa</i> . <i>Rna</i> , 2019, 25, 1481-1496.	1.6	14
2	<i>Mycobacterium tuberculosis</i> Transfer RNA Induces IL-12p70 via Synergistic Activation of Pattern Recognition Receptors within a Cell Network. <i>Journal of Immunology</i> , 2018, 200, 3244-3258.	0.4	18
3	Methylation at position 32 of tRNA catalyzed by TrmJ alters oxidative stress response in <i>Pseudomonas aeruginosa</i> . <i>Nucleic Acids Research</i> , 2016, 44, 10834-10848.	6.5	42
4	A Platform for Discovery and Quantification of Modified Ribonucleosides in RNA. <i>Methods in Enzymology</i> , 2015, 560, 29-71.	0.4	69
5	A multidimensional platform for the purification of non-coding RNA species. <i>Nucleic Acids Research</i> , 2013, 41, e168-e168.	6.5	40
6	Increased Levels of Inosine in a Mouse Model of Inflammation. <i>Chemical Research in Toxicology</i> , 2013, 26, 538-546.	1.7	15
7	Comparative Analysis of Four Oxidized Guanine Lesions from Reactions of DNA with Peroxynitrite, Singlet Oxygen, and I^{131} -Radiation. <i>Chemical Research in Toxicology</i> , 2013, 26, 195-202.	1.7	57
8	DNA Methylation Impacts Gene Expression and Ensures Hypoxic Survival of <i>Mycobacterium tuberculosis</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003419.	2.1	132
9	Chemical and cytokine features of innate immunity characterize serum and tissue profiles in inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2332-41.	3.3	88
10	Infection-induced colitis in mice causes dynamic and tissue-specific changes in stress response and DNA damage leading to colon cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1820-9.	3.3	209
11	Tunable DNA Cleavage by Intercalating Peptidoconjugates. <i>ChemBioChem</i> , 2006, 7, 766-773.	1.3	17
12	Oxidative DNA Strand Scission Induced by Peptides. <i>Chemistry and Biology</i> , 2005, 12, 695-701.	6.2	25
13	Phototoxicity of Peptidoconjugates Modulated by a Single Amino Acid. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2542-2546.	7.2	29
14	Photosensitized DNA cleavage promoted by amino acids. <i>Chemical Communications</i> , 2003, , 1956-1957.	2.2	30
15	Discrimination of Pheromone Enantiomers by Two Pheromone Binding Proteins from the Gypsy Moth <i>Lymantria dispar</i> . <i>Biochemistry</i> , 2000, 39, 8953-8962.	1.2	192
16	Characterization of Distinct Biofilm Cell Subpopulations and Implications in Quorum Sensing and Antibiotic Resistance. <i>MBio</i> , 0, , .	1.8	6