

Justin P Peters

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

358
citations

1307594

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h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing DNA Extraction from Cave Microorganisms. FASEB Journal, 2021, 35, .	0.5	0
2	Examining the Effects of Netropsin on the Curvature of DNA A-Tracts Using Electrophoresis. Molecules, 2021, 26, 5871.	3.8	0
3	Designed architectural proteins that tune DNA looping in bacteria. Nucleic Acids Research, 2021, 49, 10382-10396.	14.5	2
4	Effects of Intercalating Molecules on the Polymer Properties of DNA. Journal of Physical Chemistry B, 2020, 124, 8572-8582.	2.6	1
5	Characterization of Gene Repression by Designed Transcription Activator-like Effector Dimer Proteins. Biophysical Journal, 2020, 119, 2045-2054.	0.5	1
6	Evidence for a bind-then-bend mechanism for architectural DNA binding protein yNhp6A. Nucleic Acids Research, 2019, 47, 2871-2883.	14.5	15
7	An Assay that Predicts In Vivo Efficacy for DNA Aptamers that Stimulate Remyelination in a Mouse Model of Multiple Sclerosis. Molecular Therapy - Methods and Clinical Development, 2018, 9, 270-277.	4.1	2
8	Comparative analysis of inosine-substituted duplex DNA by circular dichroism and X-ray crystallography. Journal of Biomolecular Structure and Dynamics, 2018, 36, 2753-2772.	3.5	2
9	High-Resolution Characterization of DNA/Protein Complexes in Living Bacteria. Methods in Molecular Biology, 2018, 1837, 95-115.	0.9	1
10	Approaches for Determining DNA Persistence Length Using Atomic Force Microscopy. Methods in Molecular Biology, 2018, 1837, 211-256.	0.9	3
11	Modeling dioxygenase enzyme kinetics in familial paraganglioma. Biology Open, 2015, 4, 1281-1289.	1.2	5
12	Bacterial promoter repression by DNA looping without protein-protein binding competition. Nucleic Acids Research, 2014, 42, 5495-5504.	14.5	22
13	Mechanical Properties of Base-Modified DNA Are Not Strictly Determined by Base Stacking or Electrostatic Interactions. Biophysical Journal, 2014, 107, 448-459.	0.5	21
14	Mechanical properties of DNA-like polymers. Nucleic Acids Research, 2013, 41, 10593-10604.	14.5	38
15	DNA A-tracts Are Not Curved in Solutions Containing High Concentrations of Monovalent Cations. Biochemistry, 2013, 52, 4138-4148.	2.5	19
16	Quantitative Methods for Measuring DNA Flexibility In Vitro and In Vivo. Methods in Enzymology, 2011, 488, 287-335.	1.0	27
17	DNA curvature and flexibility <i>in vitro</i> and <i>in vivo</i> . Quarterly Reviews of Biophysics, 2010, 43, 23-63.	5.7	199