

Jeff D Ballin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

845
citations

623734

14
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888059

17
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19
all docs

19
docs citations

19
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene Expression Analysis Using Oligonucleotide Arrays Produced by Maskless Photolithography. <i>Genome Research</i> , 2002, 12, 1749-1755.	5.5	321
2	Specific Protein Domains Mediate Cooperative Assembly of HuR Oligomers on AU-rich mRNA-destabilizing Sequences*. <i>Journal of Biological Chemistry</i> , 2007, 282, 20948-20959.	3.4	88
3	HNO Enhances SERCA2a Activity and Cardiomyocyte Function by Promoting Redox-Dependent Phospholamban Oligomerization. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1185-1197.	5.4	74
4	Identification and Validation of Human DNA Ligase Inhibitors Using Computer-Aided Drug Design. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4553-4562.	6.4	71
5	Alternatively Expressed Domains of AU-rich Element RNA-binding Protein 1 (AUF1) Regulate RNA-binding Affinity, RNA-induced Protein Oligomerization, and the Local Conformation of Bound RNA Ligands. <i>Journal of Biological Chemistry</i> , 2010, 285, 39127-39139.	3.4	58
6	Site-Specific Variations in RNA Folding Thermodynamics Visualized by 2-Aminopurine Fluorescence. <i>Biochemistry</i> , 2007, 46, 13948-13960.	2.5	40
7	Fluorescence intensity decays of 2-aminopurine solutions: Lifetime distribution approach. <i>Analytical Biochemistry</i> , 2008, 377, 141-149.	2.4	28
8	Interactions of the KWK6 cationic peptide with short nucleic acid oligomers: demonstration of large Coulombic end effects on binding at 0.1-0.2 M salt. <i>Nucleic Acids Research</i> , 2004, 32, 3271-3281.	14.5	26
9	Distinct kinetics of human DNA ligases I, III α , III β , and IV reveal direct DNA sensing ability and differential physiological functions in DNA repair. <i>DNA Repair</i> , 2009, 8, 961-968.	2.8	26
10	Local RNA Conformational Dynamics Revealed by 2-Aminopurine Solvent Accessibility. <i>Biochemistry</i> , 2008, 47, 7043-7052.	2.5	23
11	Unique Properties of the Mtr4p \sim Poly(A) Complex Suggest a Role in Substrate Targeting. <i>Biochemistry</i> , 2010, 49, 10357-10370.	2.5	22
12	<i>Coxiella burnetii</i> serology assays in goat abortion storm. <i>Journal of Veterinary Diagnostic Investigation</i> , 2014, 26, 141-145.	1.1	18
13	Interactions of Cationic Ligands and Proteins with Small Nucleic Acids: Analytic Treatment of the Large Coulombic End Effect on Binding Free Energy as a Function of Salt Concentration. <i>Biochemistry</i> , 2006, 45, 8411-8426.	2.5	17
14	Substrate Dependence of Conformational Changes in the RNA-Binding Domain of Tristetraprolin Assessed by Fluorescence Spectroscopy of Tryptophan Mutants. <i>Biochemistry</i> , 2006, 45, 13807-13817.	2.5	17
15	Contributions of the Histidine Side Chain and the N-Terminal ϵ -Amino Group to the Binding Thermodynamics of Oligopeptides to Nucleic Acids as a Function of pH. <i>Biochemistry</i> , 2010, 49, 2018-2030.	2.5	12
16	Developmental and reproductive safety evaluation of AV7909 anthrax vaccine candidate in rats. <i>Birth Defects Research</i> , 2021, 113, 32-42.	1.5	3
17	Repeat Dose Toxicity Study of the AV7909 Anthrax Vaccine Candidate in Juvenile Rats. <i>International Journal of Toxicology</i> , 2020, 39, 443-451.	1.2	1
18	Nitroxyl (HNO) Modifies Cysteine Residues in Phospholamban to Increase Myocyte Ca ²⁺ -Cycling and Contractility. <i>Biophysical Journal</i> , 2009, 96, 515a-516a.	0.5	0