

# Jeff D Ballin

## List of Publications by Year in descending order

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18  
papers

845  
citations

623734

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888059

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19  
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19  
docs citations

19  
times ranked

1286  
citing authors

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