

Michael R Duff

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6502174/michael-r-duff-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

194
citations

9
h-index

13
g-index

21
ext. papers

230
ext. citations

3.8
avg, IF

2.89
L-index

#	Paper	IF	Citations
21	Modulating Enzyme Function Dynamic Allostery within Biliverdin Reductase B. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 691208	5.6	2
20	Differentiation of the binding of two ligands to a tetrameric protein with a single symmetric active site by F NMR. <i>Protein Science</i> , 2021 , 30, 477-484	6.3	0
19	Structure, dynamics and function of the evolutionarily changing biliverdin reductase B family. <i>Journal of Biochemistry</i> , 2020 , 168, 191-202	3.1	4
18	Effects of Osmolytes on Ligand Binding to Dihydropteroate Synthase from. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 6212-6224	3.4	0
17	The Structural Basis for Nonsteroidal Anti-Inflammatory Drug Inhibition of Human Dihydrofolate Reductase. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 8314-8324	8.3	3
16	Catalytic activity and stabilization of phenyl-modified glucose oxidase at high hydrostatic pressure. <i>Enzyme and Microbial Technology</i> , 2020 , 137, 109538	3.8	2
15	Crowders Steal Dihydrofolate Reductase Ligands through Quinary Interactions. <i>Biochemistry</i> , 2019 , 58, 1198-1213	3.2	2
14	Titration of Folate Pathway Enzymes. <i>Applied and Environmental Microbiology</i> , 2018 , 84,	4.8	3
13	Modulating Enzyme Activity by Altering Protein Dynamics with Solvent. <i>Biochemistry</i> , 2018 , 57, 4263-4275	5.2	20
12	Glucose oxidase stabilization against thermal inactivation using high hydrostatic pressure and hydrophobic modification. <i>Biotechnology and Bioengineering</i> , 2017 , 114, 516-525	4.9	11
11	Effects of high hydrostatic pressure or hydrophobic modification on thermal stability of xanthine oxidase. <i>Enzyme and Microbial Technology</i> , 2017 , 103, 18-24	3.8	12
10	Small Angle Neutron Scattering Studies of R67 Dihydrofolate Reductase, a Tetrameric Protein with Intrinsically Disordered N-Termini. <i>Biochemistry</i> , 2017 , 56, 5886-5899	3.2	4
9	A Structural Basis for Biguanide Activity. <i>Biochemistry</i> , 2017 , 56, 4786-4798	3.2	13
8	Highly Dynamic Anion-Quadrupole Networks in Proteins. <i>Biochemistry</i> , 2016 , 55, 6056-6069	3.2	9
7	Aspects of Weak Interactions between Folate and Glycine Betaine. <i>Biochemistry</i> , 2016 , 55, 6282-6294	3.2	6
6	Tales of Dihydrofolate Binding to R67 Dihydrofolate Reductase. <i>Biochemistry</i> , 2016 , 55, 133-45	3.2	7
5	Thermodynamics and solvent linkage of macromolecule-ligand interactions. <i>Methods</i> , 2015 , 76, 51-60	4.6	14

4	Investigation of osmolyte effects on FolM: comparison with other dihydrofolate reductases. <i>Biochemistry</i> , 2014 , 53, 1330-41	3.2	13
3	Weak interactions between folate and osmolytes in solution. <i>Biochemistry</i> , 2012 , 51, 2309-18	3.2	19
2	Thermodynamics and solvent effects on substrate and cofactor binding in Escherichia coli chromosomal dihydrofolate reductase. <i>Biochemistry</i> , 2011 , 50, 3673-85	3.2	15
1	Isothermal titration calorimetry for measuring macromolecule-ligand affinity. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	35