

Michael J Reddish

List of Publications by Citations

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

16
papers

252
citations

10
h-index

15
g-index

17
ext. papers

289
ext. citations

4
avg, IF

3.55
L-index

#	Paper	IF	Citations
16	Ag(+)-mediated assembly of 5βguanosine monophosphate. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 4320-6	3.4	39
15	Integrating Primary Research into the Teaching Lab: Benefits and Impacts of a One-Semester CURE for Physical Chemistry. <i>Journal of Chemical Education</i> , 2018 , 95, 928-938	2.4	31
14	Direct evidence of catalytic heterogeneity in lactate dehydrogenase by temperature jump infrared spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 10854-62	3.4	27
13	Conformational selection dominates binding of steroids to human cytochrome P450 17A1. <i>Journal of Biological Chemistry</i> , 2019 , 294, 10028-10041	5.4	24
12	Submillisecond mixing in a continuous-flow, microfluidic mixer utilizing mid-infrared hyperspectral imaging detection. <i>Lab on A Chip</i> , 2014 , 14, 584-91	7.2	21
11	Structural studies of a trinucleotide repeat sequence using 2-aminopurine. <i>Biochemistry</i> , 2009 , 48, 2340-6	6.2	18
10	A simple three-dimensional-focusing, continuous-flow mixer for the study of fast protein dynamics. <i>Lab on A Chip</i> , 2013 , 13, 2912-21	7.2	17
9	Sandwich-format 3D printed microfluidic mixers: a flexible platform for multi-probe analysis. <i>Journal of Micromechanics and Microengineering</i> , 2015 , 25,	2	13
8	Inhibition of measles virus infections in cell cultures by peptide-conjugated morpholino oligomers. <i>Virus Research</i> , 2009 , 140, 49-56	6.4	13
7	Human cytochrome P450 11B2 produces aldosterone by a processive mechanism due to the lactol form of the intermediate 18-hydroxycorticosterone. <i>Journal of Biological Chemistry</i> , 2019 , 294, 12975-12991	5.4	12
6	Sequence length dictates repeated CAG folding in three-way junctions. <i>Biochemistry</i> , 2011 , 50, 458-65	3.2	10
5	Dual time-resolved temperature-jump fluorescence and infrared spectroscopy for the study of fast protein dynamics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 178, 185-191	4.1	8
4	Resolution of Submillisecond Kinetics of Multiple Reaction Pathways for Lactate Dehydrogenase. <i>Biophysical Journal</i> , 2017 , 112, 1852-1862	2.9	8
3	Ligand-Dependent Conformational Dynamics of Dihydrofolate Reductase. <i>Biochemistry</i> , 2016 , 55, 1485-93	3.2	5
2	Functional interactions of adrenodoxin with several human mitochondrial cytochrome P450 enzymes. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 694, 108596	4.1	3
1	Characterization of human adrenal cytochrome P450 11B2 products of progesterone and androstenedione oxidation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 208, 105787	5.1	3