

# Michael J Reddish

## List of Publications by Year in descending order

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17  
papers

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citations

840119

11  
h-index

940134

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

500  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	52
2	Ag <sup>+</sup> -Mediated Assembly of 5'-Guanosine Monophosphate. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4320-4326.	1.2	46
3	Conformational selection dominates binding of steroids to human cytochrome P450 17A1. <i>Journal of Biological Chemistry</i> , 2019, 294, 10028-10041.	1.6	32
4	Direct Evidence of Catalytic Heterogeneity in Lactate Dehydrogenase by Temperature Jump Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10854-10862.	1.2	28
5	Submillisecond mixing in a continuous-flow, microfluidic mixer utilizing mid-infrared hyperspectral imaging detection. <i>Lab on A Chip</i> , 2014, 14, 584-591.	3.1	25
6	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.	1.6	24
7	Structural Studies of a Trinucleotide Repeat Sequence Using 2-Aminopurine. <i>Biochemistry</i> , 2009, 48, 2340-2346.	1.2	20
8	A simple three-dimensional-focusing, continuous-flow mixer for the study of fast protein dynamics. <i>Lab on A Chip</i> , 2013, 13, 2912.	3.1	20
9	Inhibition of measles virus infections in cell cultures by peptide-conjugated morpholino oligomers. <i>Virus Research</i> , 2009, 140, 49-56.	1.1	18
10	Sandwich-format 3D printed microfluidic mixers: a flexible platform for multi-probe analysis. <i>Journal of Micromechanics and Microengineering</i> , 2015, 25, 124002.	1.5	16
11	Resolution of Submillisecond Kinetics of Multiple Reaction Pathways for Lactate Dehydrogenase. <i>Biophysical Journal</i> , 2017, 112, 1852-1862.	0.2	11
12	Sequence Length Dictates Repeated CAG Folding in Three-Way Junctions. <i>Biochemistry</i> , 2011, 50, 458-465.	1.2	10
13	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.	2.0	9
14	Ligand-Dependent Conformational Dynamics of Dihydrofolate Reductase. <i>Biochemistry</i> , 2016, 55, 1485-1493.	1.2	7
15	Functional interactions of adrenodoxin with several human mitochondrial cytochrome P450 enzymes. <i>Archives of Biochemistry and Biophysics</i> , 2020, 694, 108596.	1.4	6
16	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.	1.2	5
17	PROTEIN DYNAMICS IN ENZYMATIC CATALYSIS. , 2018, , .		0