

David B Goodin

List of Publications by Year in descending order

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15
papers

475
citations

840776

11
h-index

996975

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15
all docs

15
docs citations

15
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	P450cam Visits an Open Conformation in the Absence of Substrate. <i>Biochemistry</i> , 2010, 49, 3412-3419.	2.5	125
2	Adaptive Accelerated Molecular Dynamics (Ad-AMD) Revealing the Molecular Plasticity of P450cam. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 158-164.	4.6	54
3	Three Clusters of Conformational States in P450cam Reveal a Multistep Pathway for Closing of the Substrate Access Channel,. <i>Biochemistry</i> , 2011, 50, 693-703.	2.5	53
4	Double electronâ€“electron resonance shows cytochrome P450cam undergoes a conformational change in solution upon binding substrate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12888-12893.	7.1	50
5	The Conformation of P450cam in Complex with Putidaredoxin Is Dependent on Oxidation State. <i>Journal of the American Chemical Society</i> , 2013, 135, 11732-11735.	13.7	38
6	Effector Roles of Putidaredoxin on Cytochrome P450cam Conformational States. <i>Journal of the American Chemical Society</i> , 2016, 138, 10163-10172.	13.7	37
7	Substrate-Dependent Allosteric Regulation in Cytochrome P450cam (CYP101A1). <i>Journal of the American Chemical Society</i> , 2018, 140, 16222-16228.	13.7	32
8	Putidaredoxin Binds to the Same Site on Cytochrome P450cam in the Open and Closed Conformation. <i>Biochemistry</i> , 2017, 56, 4371-4378.	2.5	21
9	Insights into an efficient light-driven hybrid P450 BM3 enzyme from crystallographic, spectroscopic and biochemical studies. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1732-1738.	2.3	19
10	Conformational Response of N-Terminally Truncated Cytochrome P450 3A4 to Ligand Binding in Solution. <i>Biochemistry</i> , 2019, 58, 3903-3910.	2.5	12
11	An Intermediate Conformational State of Cytochrome P450cam-CN in Complex with Putidaredoxin. <i>Biochemistry</i> , 2019, 58, 2353-2361.	2.5	12
12	Cluster-Dependent Charge-Transfer Dynamics in Ironâ€“Sulfur Proteins. <i>Biochemistry</i> , 2018, 57, 978-990.	2.5	11
13	Linkage between Proximal and Distal Movements of P450cam Induced by Putidaredoxin. <i>Biochemistry</i> , 2020, 59, 2012-2021.	2.5	6
14	Double Electronâ€“Electron Resonance Shows That the Substrate but Not the Inhibitors Causes Disorder in the F/G Loop of CYP119 in Solution. <i>Biochemistry</i> , 2020, 59, 1823-1831.	2.5	3
15	Conformational Changes in Cytochrome P450cam and the Effector Role of Putidaredoxin. <i>2-Oxoglutarate-Dependent Oxygenases</i> , 2018, , 292-310.	0.8	2