

Daniel Picot

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

3,896
citations

471371

17
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

3307
citing authors

#	ARTICLE	IF	CITATIONS
1	From low- to high-potential bioenergetic chains: Thermodynamic constraints of Q-cycle function. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1569-1579.	0.5	44
2	A class of mild surfactants that keep integral membrane proteins water-soluble for functional studies and crystallization. <i>Molecular Membrane Biology</i> , 2011, 28, 171-181.	2.0	44
3	Maltose- α -neopentyl glycol (MNG) amphiphiles for solubilization, stabilization and crystallization of membrane proteins. <i>Nature Methods</i> , 2010, 7, 1003-1008.	9.0	397
4	How Cations Can Assist DNase I in DNA Binding and Hydrolysis. <i>PLoS Computational Biology</i> , 2010, 6, e1001000.	1.5	60
5	The ci/bH moiety in the b6f complex studied by EPR: A pair of strongly interacting hemes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 519-524.	3.3	53
6	Spectral and redox characterization of the heme ci of the cytochrome b6f complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15860-15865.	3.3	102
7	An atypical haem in the cytochrome b6f complex. <i>Nature</i> , 2003, 426, 413-418.	13.7	645
8	Synthesis and Use of Iodinated Nonsteroidal Antiinflammatory Drug Analogs as Crystallographic Probes of the Prostaglandin H2Synthase Cyclooxygenase Active Site. <i>Biochemistry</i> , 1996, 35, 7330-7340.	1.2	172
9	Strategies for crystallizing membrane proteins. <i>Journal of Bioenergetics and Biomembranes</i> , 1996, 28, 13-27.	1.0	114
10	The structural basis of aspirin activity inferred from the crystal structure of inactivated prostaglandin H2 synthase. <i>Nature Structural Biology</i> , 1995, 2, 637-643.	9.7	442
11	The X-ray crystal structure of the membrane protein prostaglandin H2 synthase-1. <i>Nature</i> , 1994, 367, 243-249.	13.7	1,256
12	Prostaglandin H synthase. <i>Current Opinion in Structural Biology</i> , 1994, 4, 529-535.	2.6	33
13	Prostaglandin H synthase: Implications for membrane structure. <i>FEBS Letters</i> , 1994, 346, 21-25.	1.3	68
14	Domain closure in mitochondrial aspartate aminotransferase. <i>Journal of Molecular Biology</i> , 1992, 227, 197-213.	2.0	188
15	The open/closed conformational equilibrium of aspartate aminotransferase. Studies in the crystalline state and with a fluorescent probe in solution. <i>FEBS Journal</i> , 1991, 196, 329-341.	0.2	54
16	The art of crystallizing membrane proteins. <i>Methods</i> , 1990, 1, 57-69.	1.9	79
17	Crystal structure of neutral protease from <i>Bacillus cereus</i> refined at 3.0Å resolution and comparison with the homologous but more thermostable enzyme thermolysin. <i>Journal of Molecular Biology</i> , 1988, 199, 525-537.	2.0	129
18	Individual assignments of the heme resonances in the 360 MHz 1H NMR spectra of cytochrome c-557 from <i>Crithidia oncopelti</i> . <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1979, 580, 259-265.	1.7	16