Daniel Picot

List of Publications by Year
in descending order

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