

# David S Pearson

## List of Publications by Year in descending order

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11  
papers

541  
citations

1040056

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1281871

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12  
all docs

12  
docs citations

12  
times ranked

666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptococcus neoformans Senses CO <sub>2</sub> through the Carbonic Anhydrase Can2 and the Adenylyl Cyclase Cac1. Eukaryotic Cell, 2006, 5, 103-111.	3.4	156
2	Kinetic Resolution of a Conformational Transition and the ATP Hydrolysis Step Using Relaxation Methods with a Dictyostelium Myosin II Mutant Containing a Single Tryptophan Residue. Biochemistry, 2001, 40, 12727-12737.	2.5	120
3	Protonation, Photobleaching, and Photoactivation of Yellow Fluorescent Protein (YFP 10C): A Unifying Mechanism. Biochemistry, 2005, 44, 5510-5524.	2.5	113
4	Reversible movement of switch 1 loop of myosin determines actin interaction. EMBO Journal, 2007, 26, 265-274.	7.8	45
5	A novel pressure-jump apparatus for the microvolume analysis of protein-ligand and protein-protein interactions: its application to nucleotide binding to skeletal-muscle and smooth-muscle myosin subfragment-1. Biochemical Journal, 2002, 366, 643-651.	3.7	32
6	Selective Perturbation of the Myosin Recovery Stroke by Point Mutations at the Base of the Lever Arm Affects ATP Hydrolysis and Phosphate Release. Journal of Biological Chemistry, 2007, 282, 17658-17664.	3.4	28
7	Dielectric analysis as a tool for investigating the lyophilization of proteins. Pharmaceutical Science & Technology Today, 1998, 1, 108-117.	0.7	17
8	Rapid folding of the prion protein captured by pressure-jump. European Biophysics Journal, 2009, 38, 625-635.	2.2	12
9	Fast Pressure Jumps Can Perturb Calcium and Magnesium Binding to Troponin C F29W. Biochemistry, 2008, 47, 12146-12158.	2.5	9
10	High-throughput mechanobiology: Force modulation of ensemble biochemical and cell-based assays. Biophysical Journal, 2021, 120, 631-641.	0.5	7
11	Kinetics: Relaxation Methods. , 2013, , 1207-1212.		1