

Jongmin Sung

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

415
citations

1163117
8
h-index

1474206
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11
all docs

11
docs citations

11
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular consequences of the R453C hypertrophic cardiomyopathy mutation on human β -cardiac myosin motor function. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12607-12612.	7.1	144
2	Harmonic force spectroscopy measures load-dependent kinetics of individual human β -cardiac myosin molecules. Nature Communications, 2015, 6, 7931.	12.8	65
3	Effects of hypertrophic and dilated cardiomyopathy mutations on power output by human β -cardiac myosin. Journal of Experimental Biology, 2016, 219, 161-167.	1.7	60
4	Optimized measurements of separations and angles between intra-molecular fluorescent markers. Nature Communications, 2015, 6, 8621.	12.8	34
5	Observation of correlated X-ray scattering at atomic resolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130315.	4.0	33
6	Single-Molecule Dual-Beam Optical Trap Analysis of Protein Structure and Function. Methods in Enzymology, 2010, 475, 321-375.	1.0	32
7	Nanometer-accuracy distance measurements between fluorophores at the single-molecule level. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4275-4284.	7.1	31
8	Effect of surface undulation on polymer adsorption. Physical Review E, 2005, 71, 031805.	2.1	9
9	Single-molecule analysis of specificity and multivalency in binding of short linear substrate motifs to the APC/C. Nature Communications, 2022, 13, 341.	12.8	5