Katharine A Michie

List of Publications by Year
in descending order

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17	828	840776 11	996975 15
papers	citations	h-index	g-index

17	17	17	1134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic Filaments of the Bacterial Cytoskeleton. Annual Review of Biochemistry, 2006, 75, 467-492.	11.1	187
2	CetZ tubulin-like proteins control archaeal cell shape. Nature, 2015, 519, 362-365.	27.8	138
3	Localized Dimerization and Nucleoid Binding Drive Gradient Formation by the Bacterial Cell Division Inhibitor MipZ. Molecular Cell, 2012, 46, 245-259.	9.7	105
4	Filament structure of bacterial tubulin homologue TubZ. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19766-19771.	7.1	71
5	A positively charged channel within the Smc1/Smc3 hinge required for sister chromatid cohesion. EMBO Journal, 2011, 30, 364-378.	7.8	69
6	Two Sides of the Coin: Ezrin/Radixin/Moesin and Merlin Control Membrane Structure and Contact Inhibition. International Journal of Molecular Sciences, 2019, 20, 1996.	4.1	49
7	Trapping of a Spiral-Like Intermediate of the Bacterial Cytokinetic Protein FtsZ. Journal of Bacteriology, 2006, 188, 1680-1690.	2.2	46
8	The Bacillus subtilis cell division proteins FtsL and DivIC are intrinsically unstable and do not interact with one another in the absence of other septasomal components. Molecular Microbiology, 2002, 44, 663-674.	2.5	42
9	LeoA, B and C from Enterotoxigenic Escherichia coli (ETEC) Are Bacterial Dynamins. PLoS ONE, 2014, 9, e107211.	2.5	42
10	A Highly Conserved Yet Flexible Linker Is Part of a Polymorphic Protein-Binding Domain in Myosin-Binding Protein C. Structure, 2016, 24, 2000-2007.	3.3	21
11	Coherent phenomena in photosynthetic light harvesting: part twoâ€"observations in biological systems. Biophysical Reviews, 2018, 10, 1443-1463.	3.2	14
12	Clinically Linked Mutations in the Central Domains of Cardiac Myosin-Binding Protein C with Distinct Phenotypes Show Differential Structural Effects. Structure, 2016, 24, 105-115.	3.3	13
13	Scaffolding proteins guide the evolution of algal light harvesting antennas. Nature Communications, 2021, 12, 1890.	12.8	11
14	The Repressor C Protein, Pf4r, Controls Superinfection of Pseudomonas aeruginosa PAO1 by the Pf4 Filamentous Phage and Regulates Host Gene Expression. Viruses, 2021, 13, 1614.	3.3	11
15	Coherent phenomena in photosynthetic light harvesting: part oneâ€"theory and spectroscopy. Biophysical Reviews, 2018, 10, 1427-1441.	3.2	9
16	Molecular Components of the Bacterial Cytoskeleton. , 2008, , 43-71.		0
17	Protein crystallization: robotics, procedures and developments. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s158-s159.	0.3	0