Alexandre W Bisson-Filho

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5239100/publications.pdf

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16	1,298	759055	996849
papers	citations	12 h-index	15 g-index

23	23	23	1614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Treadmilling by FtsZ filaments drives peptidoglycan synthesis and bacterial cell division. Science, 2017, 355, 739-743.	6.0	503
2	Bacterial killing via a type IV secretion system. Nature Communications, 2015, 6, 6453.	5.8	197
3	MreB filaments align along greatest principal membrane curvature to orient cell wall synthesis. ELife, 2018, 7, .	2.8	179
4	FtsZ filament capping by MciZ, a developmental regulator of bacterial division. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2130-8.	3.3	65
5	DivIVA-Mediated Polar Localization of ComN, a Posttranscriptional Regulator of Bacillus subtilis. Journal of Bacteriology, 2012, 194, 3661-3669.	1.0	57
6	Identification of 18 new transcribed retrotransposons in Schistosoma mansoni. Biochemical and Biophysical Research Communications, 2005, 333, 230-240.	1.0	38
7	Division plane placement in pleomorphic archaea is dynamically coupled to cell shape. Molecular Microbiology, 2019, 112, 785-799.	1.2	38
8	A survey-based analysis of the academic job market. ELife, 2020, 9, .	2.8	36
9	Lipid Anchoring of Archaeosortase Substrates and Midcell Growth in Haloarchaea. MBio, 2020, 11, .	1.8	35
10	Archaeal imaging: leading the hunt for new discoveries. Molecular Biology of the Cell, 2018, 29, 1675-1681.	0.9	32
11	RefZ Facilitates the Switch from Medial to Polar Division during Spore Formation in Bacillus subtilis. Journal of Bacteriology, 2012, 194, 4608-4618.	1.0	23
12	Genetic and Biochemical Characterization of the MinC-FtsZ Interaction in Bacillus subtilis. PLoS ONE, 2013, 8, e60690.	1.1	23
13	The Ribbon-Helix-Helix Domain Protein CdrS Regulates the Tubulin Homolog ftsZ2 To Control Cell Division in Archaea. MBio, 2020, 11, .	1.8	18
14	Revisiting the cell biology of the acylâ€ACP:phosphate transacylase PlsX suggests that the phospholipid synthesis and cell division machineries are not coupled in <scp>B</scp>acillus subtilis. Molecular Microbiology, 2016, 100, 621-634.	1.2	13
15	Haloferax volcanii Immersed Liquid Biofilms Develop Independently of Known Biofilm Machineries and Exhibit Rapid Honeycomb Pattern Formation. MSphere, 2020, 5, .	1.3	9
16	Preprint Highlight: Pressure and curvature control of contact inhibition in epithelia growing under spherical confinement. Molecular Biology of the Cell, 2022, 33, mbcP22021002.	0.9	0