Alexandre W Bisson-Filho

List of Publications by Year
in descending order

16	1,298	758635 12	996533 15
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	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
2	The Ribbon-Helix-Helix Domain Protein CdrS Regulates the Tubulin Homolog ftsZ2 To Control Cell Division in Archaea. MBio, 2020, 11, .	1.8	18
3	Lipid Anchoring of Archaeosortase Substrates and Midcell Growth in Haloarchaea. MBio, 2020, 11, .	1.8	35
4	Haloferax volcanii Immersed Liquid Biofilms Develop Independently of Known Biofilm Machineries and Exhibit Rapid Honeycomb Pattern Formation. MSphere, 2020, 5, .	1.3	9
5	A survey-based analysis of the academic job market. ELife, 2020, 9, .	2.8	36
6	Division plane placement in pleomorphic archaea is dynamically coupled to cell shape. Molecular Microbiology, 2019, 112, 785-799.	1.2	38
7	MreB filaments align along greatest principal membrane curvature to orient cell wall synthesis. ELife, 2018, 7, .	2.8	179
8	Archaeal imaging: leading the hunt for new discoveries. Molecular Biology of the Cell, 2018, 29, 1675-1681.	0.9	32
9	Treadmilling by FtsZ filaments drives peptidoglycan synthesis and bacterial cell division. Science, 2017, 355, 739-743.	6.0	503
10	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
11	Bacterial killing via a type IV secretion system. Nature Communications, 2015, 6, 6453.	5.8	197
12	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
13	Genetic and Biochemical Characterization of the MinC-FtsZ Interaction in Bacillus subtilis. PLoS ONE, 2013, 8, e60690.	1.1	23
14	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
15	DivIVA-Mediated Polar Localization of ComN, a Posttranscriptional Regulator of Bacillus subtilis. Journal of Bacteriology, 2012, 194, 3661-3669.	1.0	57
16	Identification of 18 new transcribed retrotransposons in Schistosoma mansoni. Biochemical and Biophysical Research Communications, 2005, 333, 230-240.	1.0	38