

Marco J KÃ¼hn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5841125/publications.pdf>

Version: 2024-02-01

7
papers

349
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteria exploit a polymorphic instability of the flagellar filament to escape from traps. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6340-6345.	7.1	123
2	A polar bundle of flagella can drive bacterial swimming by pushing, pulling, or coiling around the cell body. Scientific Reports, 2017, 7, 16771.	3.3	56
3	Spatial arrangement of several flagellins within bacterial flagella improves motility in different environments. Nature Communications, 2018, 9, 5369.	12.8	51
4	Roadmap on emerging concepts in the physical biology of bacterial biofilms: from surface sensing to community formation. Physical Biology, 2021, 18, 051501.	1.8	46
5	Mechanotaxis directs <i>Pseudomonas aeruginosa</i> twitching motility. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	45
6	Wrapped Up: The Motility of Polarly Flagellated Bacteria. Annual Review of Microbiology, 2022, 76, 349-367.	7.3	17
7	Polar flagellar wrapping and lateral flagella jointly contribute to <i>Shewanella putrefaciens</i> environmental spreading. Environmental Microbiology, 0, , .	3.8	6