

Richa Karmakar

List of Publications by Year in descending order

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16
papers

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1307366

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all docs

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docs citations

17
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	State of the art of bacterial chemotaxis. <i>Journal of Basic Microbiology</i> , 2021, 61, 366-379.	1.8	51
2	Cell motility dependence on adhesive wetting. <i>Soft Matter</i> , 2019, 15, 2043-2050.	1.2	26
3	Boolink: a graphical interface for open access Boolean network simulations and use in guard cell CO ₂ signaling. <i>Plant Physiology</i> , 2021, 187, 2311-2322.	2.3	17
4	Cellular memory in eukaryotic chemotaxis depends on the background chemoattractant concentration. <i>Physical Review E</i> , 2021, 103, 012402.	0.8	17
5	Variation in swimming speed of <i>Escherichia coli</i> in response to attractant. <i>Archives of Microbiology</i> , 2015, 197, 211-222.	1.0	14
6	Effect of Pretreatments on Physico-Chemical Characteristics of Sugarcane Juice. <i>Sugar Tech</i> , 2011, 13, 47-50.	0.9	12
7	Enhancement of Swimming Speed Leads to a More-Efficient Chemotactic Response to Repellent. <i>Applied and Environmental Microbiology</i> , 2016, 82, 1205-1214.	1.4	9
8	Motor characteristics determine the rheological behavior of a suspension of microswimmers. <i>Physics of Fluids</i> , 2014, 26, 071905.	1.6	7
9	<i>Escherichia coli</i> modulates its motor speed on sensing an attractant. <i>Archives of Microbiology</i> , 2016, 198, 827-833.	1.0	7
10	Effect on β -galactosidase synthesis and burden on growth of osmotic stress in <i>Escherichia coli</i> . <i>SpringerPlus</i> , 2014, 3, 748.	1.2	6
11	Variation of swimming speed enhances the chemotactic migration of <i>Escherichia coli</i> . <i>Systems and Synthetic Biology</i> , 2015, 9, 85-95.	1.0	6
12	Novel micropatterning technique reveals dependence of cell-substrate adhesion and migration of social amoebas on parental strain, development, and fluorescent markers. <i>PLoS ONE</i> , 2020, 15, e0236171.	1.1	4
13	Cell dispersal by localized degradation of a chemoattractant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2008126118.	3.3	4
14	Rheological Behavior of a Suspension of <i>Escherichia Coli</i> with Varying Motor Characteristics. <i>Biophysical Journal</i> , 2014, 106, 577a.	0.2	1
15	Gluconeogenesis: A Metabolic Pathway in Eukaryotic Cells such as Cellular Slime Molds. , 0, , .		1
16	Study on the Effect of Glucose on Trg Receptor of <i>Escherichia coli</i> Using Soft Agar Experiment. <i>Indian Chemical Engineer</i> , 2014, 56, 229-234.	0.9	0