

Diego Omar Serra

List of Publications by Year in descending order

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9
papers

995
citations

1163117
8
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1474206
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9
all docs

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docs citations

9
times ranked

1359
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Multicellularity: The Biology of <i>Escherichia coli</i> Building Large-Scale Biofilm Communities. <i>Annual Review of Microbiology</i> , 2021, 75, 269-290.	7.3	36
2	Adaptation of <i>Escherichia coli</i> Biofilm Growth, Morphology, and Mechanical Properties to Substrate Water Content. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 5315-5325.	5.2	14
3	Cellulose in Bacterial Biofilms. <i>Biologically-inspired Systems</i> , 2019, , 355-392.	0.2	17
4	A c-di-GMP-Based Switch Controls Local Heterogeneity of Extracellular Matrix Synthesis which Is Crucial for Integrity and Morphogenesis of <i>Escherichia coli</i> Macrocolony Biofilms. <i>Journal of Molecular Biology</i> , 2019, 431, 4775-4793.	4.2	41
5	Phosphoethanolamine cellulose: A naturally produced chemically modified cellulose. <i>Science</i> , 2018, 359, 334-338.	12.6	208
6	The Intestinal Roundworm <i>Ascaris suum</i> Releases Antimicrobial Factors Which Interfere With Bacterial Growth and Biofilm Formation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 271.	3.9	41
7	Spatial organization of different sigma factor activities and c-di-GMP signalling within the three-dimensional landscape of a bacterial biofilm. <i>Open Biology</i> , 2018, 8, .	3.6	61
8	Microanatomy at Cellular Resolution and Spatial Order of Physiological Differentiation in a Bacterial Biofilm. <i>MBio</i> , 2013, 4, e00103-13.	4.1	286
9	Cellulose as an Architectural Element in Spatially Structured <i>Escherichia coli</i> Biofilms. <i>Journal of Bacteriology</i> , 2013, 195, 5540-5554.	2.2	291