Citation Report
List of articles citing

Single-molecule analysis of Pseudomonas fluorescens footpr

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ACS Nano, 2014, 8, 1690-8.

#	Paper	IF	Citations
31	Atomic force microscopy in microbiology: new structural and functional insights into the microbial cell surface. *MBio*, **2014**, 5, e01363-14	7.8	109
30	Structural features of the Pseudomonas fluorescens biofilm adhesin LapA required for LapG-dependent cleavage, biofilm formation, and cell surface localization. *Journal of Bacteriology*, **2014**, 196, 2775-88	3.5	61
29	The binding force of the staphylococcal adhesin SdrG is remarkably strong. *Molecular Microbiology*, **2014**, 93, 356-68	4.1	85
28	Adhesins Involved in Attachment to Abiotic Surfaces by Gram-Negative Bacteria. *Microbiology Spectrum*, **2015**, 3,	8.9	141
27	Mapping HA-tagged protein at the surface of living cells by atomic force microscopy. *Journal of Molecular Recognition*, **2015**, 28, 1-9	2.6	14
26	Adhesins Involved in Attachment to Abiotic Surfaces by Gram-Negative Bacteria. **2015**, 163-199		10
25	Single-bacterium nanomechanics in biomedicine: unravelling the dynamics of bacterial cells. *Nanotechnology*, **2015**, 26, 062001	3.4	19
24	Sticky microbes: forces in microbial cell adhesion. *Trends in Microbiology*, **2015**, 23, 376-82	12.4	118
23	Understanding forces in biofilms. *Nanomedicine*, **2015**, 10, 1219-21	5.6	5
22	Enhancement of Biofilm Formation on Pyrite by Sulfobacillus thermosulfidooxidans. *Minerals (Basel, Switzerland)*, **2016**, 6, 71	2.4	17
21	Atomic force microscopy reveals a dual collagen-binding activity for the staphylococcal surface protein SdrF. *Molecular Microbiology*, **2016**, 99, 611-21	4.1	17
20	Rapid recognition and functional analysis of membrane proteins on human cancer cells using atomic force microscopy. *Journal of Immunological Methods*, **2016**, 436, 41-9	2.5	7
19	Determination of the nano-scaled contact area of staphylococcal cells. *Nanoscale*, **2017**, 9, 10084-10093	7.7	19
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17	Layered Structure and Complex Mechanochemistry Underlie Strength and Versatility in a Bacterial Adhesive. *MBio*, **2018**, 9,	7.8	16
16	Single Molecule Force Spectroscopy Reveals Two-Domain Binding Mode of Pilus-1 Tip Protein RrgA of Streptococcus pneumoniae to Fibronectin. *ACS Nano*, **2018**, 12, 549-558	16.7	24
15	Bacterial Adhesion to Ultrafiltration Membranes: Role of Hydrophilicity, Natural Organic Matter, and Cell-Surface Macromolecules. *Environmental Science & Technology*, **2018**, 52, 162-172	10.3	34

14	Bacterial Adhesion to Graphene Oxide (GO)-Functionalized Interfaces Is Determined by Hydrophobicity and GO Sheet Spatial Orientation. *Environmental Science and Technology Letters*, **2018**, 5, 14-19	11	27
13	Probing Bacterial Adhesion at the Single-Molecule and Single-Cell Levels by AFM-Based Force Spectroscopy. *Methods in Molecular Biology*, **2018**, 1814, 403-414	1.4	3
12	Imaging the Microprocesses in Biofilm Matrices. *Trends in Biotechnology*, **2019**, 37, 214-226	15.1	23
11	Microbial adhesion and ultrastructure from the single-molecule to the single-cell levels by Atomic Force Microscopy. *Cell Surface*, **2019**, 5, 100031	4.8	7
10	Biologic Treatment of Corrosion. **2019**, 101-144		1
9	Atomic Force Microscopy (AFM) As a Surface Mapping Tool in Microorganisms Resistant Toward Antimicrobials: A Mini-Review. *Frontiers in Pharmacology*, **2020**, 11, 517165	5.6	3
8	From Input to Output: The Lap/c-di-GMP Biofilm Regulatory Circuit. *Annual Review of Microbiology*, **2020**, 74, 607-631	17.5	16
7	The microbial adhesive arsenal deciphered by atomic force microscopy. *Nanoscale*, **2020**, 12, 23885-23896	7	2
6	MapA, a Second Large RTX Adhesin Conserved across the Pseudomonads, Contributes to Biofilm Formation by Pseudomonas fluorescens. *Journal of Bacteriology*, **2020**, 202,	3.5	9
5	Computational prediction of secreted proteins in gram-negative bacteria. *Computational and Structural Biotechnology Journal*, **2021**, 19, 1806-1828	6.8	6
4	MapA, a second large RTX adhesin, contributes to biofilm formation by Pseudomonas fluorescens.		3
3	Layered structure and complex mechanochemistry of a strong bacterial adhesive.		
2	DataSheet_1.pdf. **2020**,		
1	Pseudomonas putida Biofilm Depends on the vWFa-Domain of LapA in Peptides-Containing Growth Medium. *International Journal of Molecular Sciences*, **2022**, 23, 5898	6.3	1