

Bacterial Community Structure of Biofilms on Artificial

Microbial Ecology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Bacterial communities in the initial stage of marine biofilm formation on artificial surfaces. <i>Journal of Microbiology</i> , 2008, 46, 174-182.	2.8	209
2	Epiphytic bacterial community composition on two common submerged macrophytes in brackish water and freshwater. <i>BMC Microbiology</i> , 2008, 8, 58.	3.3	107
3	Cross-Ocean Distribution of <i>Rhodobacterales</i> Bacteria as Primary Surface Colonizers in Temperate Coastal Marine Waters. <i>Applied and Environmental Microbiology</i> , 2008, 74, 52-60.	3.1	394
4	Bacterial populations in epilithic biofilms along two oligotrophic rivers in the Tohoku region in Japan. <i>Journal of General and Applied Microbiology</i> , 2009, 55, 359-371.	0.7	5
6	Induction of metamorphosis in the Asian shore crab <i>Hemigrapsus sanguineus</i> : Characterization of the cue associated with biofilm from adult habitat. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 382, 34-39.	1.5	32
7	Fouling and Degradation of Polycarbonate in Seawater: Field and Lab Studies. <i>Journal of Polymers and the Environment</i> , 2009, 17, 170-180.	5.0	40
8	Fine Scale Patterns in Microbial Extracellular Enzyme Activity during Leaf Litter Decomposition in a Stream and its Floodplain. <i>Microbial Ecology</i> , 2009, 58, 591-598.	2.8	23
9	Bacterial biofilm-community selection during autohydrogenotrophic reduction of nitrate and perchlorate in ion-exchange brine. <i>Applied Microbiology and Biotechnology</i> , 2009, 81, 1169-1177.	3.6	41
10	Detection of Chlamydiae from freshwater environments by PCR, amoeba coculture and mixed coculture. <i>Research in Microbiology</i> , 2009, 160, 547-552.	2.1	29
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15	Development of Bacterial Biofilms on Artificial Corals in Comparison to Surface-Associated Microbes of Hard Corals. <i>PLoS ONE</i> , 2011, 6, e21195.	2.5	42
16	The effect of UV pre-treatment on biofouling of BWRO membranes: A field study. <i>Desalination and Water Treatment</i> , 2011, 31, 151-163.	1.0	24
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18	Molecular characterization of putative biocorroding microbiota with a novel niche detection of <i>Epsilon</i> - and <i>Zetaproteobacteria</i> in Pacific Ocean coastal seawaters. <i>Environmental Microbiology</i> , 2011, 13, 3059-3074.	3.8	124
19	Effect of substrate type on bacterial community composition in biofilms from the Great Barrier Reef. <i>FEMS Microbiology Letters</i> , 2011, 323, 188-195.	1.8	52

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20	Quorum quenching in cultivable bacteria from dense marine coastal microbial communities. FEMS Microbiology Ecology, 2011, 75, 205-217.	2.7	121
21	Microbial diversity in marine biofilms along a water quality gradient on the Great Barrier Reef. Systematic and Applied Microbiology, 2011, 34, 116-126.	2.8	24
22	Antifouling activity of commercial biocides vs. natural and natural-derived products assessed by marine bacteria adhesion bioassay. Marine Pollution Bulletin, 2011, 62, 1032-1040.	5.0	61
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24	Dynamic bacterial communities on reverse-osmosis membranes in a full-scale desalination plant. Biofouling, 2011, 27, 47-58.	2.2	43
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28	The phylogenetic structure of microbial biofilms and free-living bacteria in a small stream. Folia Microbiologica, 2013, 58, 235-243.	2.3	5
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30	<i>Rhodobacteraceae</i> are the key members of the microbial community of the initial biofilm formed in Eastern Mediterranean coastal seawater. FEMS Microbiology Ecology, 2013, 85, 348-357.	2.7	229
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40	Effects of substratum type on bacterial community structure in biofilms in relation to settlement of plantigrades of the mussel <i>Mytilus coruscus</i> . <i>International Biodeterioration and Biodegradation</i> , 2014, 96, 41-49.	3.9	42
41	Marine bacteria from the French Atlantic coast displaying high forming-biofilm abilities and different biofilm 3D architectures. <i>BMC Microbiology</i> , 2015, 15, 231.	3.3	49
42	In situ environment rather than substrate type dictates microbial community structure of biofilms in a cold seep system. <i>Scientific Reports</i> , 2014, 4, 3587.	3.3	49
43	Synchronized dynamics of bacterial niche-specific functions during biofilm development in a cold seep brine pool. <i>Environmental Microbiology</i> , 2015, 17, 4089-4104.	3.8	24
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48	Response of Bacterioplankton Communities to Cadmium Exposure in Coastal Water Microcosms with High Temporal Variability. <i>Applied and Environmental Microbiology</i> , 2015, 81, 231-240.	3.1	46
49	Genomic and Transcriptomic Evidence for Carbohydrate Consumption among Microorganisms in a Cold Seep Brine Pool. <i>Frontiers in Microbiology</i> , 2016, 7, 1825.	3.5	29
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51	Biofouling on Coated Carbon Steel in Cooling Water Cycles Using Brackish Seawater. <i>Journal of Marine Science and Engineering</i> , 2016, 4, 74.	2.6	6
52	Effects of the combination of aeration and biofilm technology on transformation of nitrogen in black-odor river. <i>Water Science and Technology</i> , 2016, 74, 655-662.	2.5	40
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57	Effect of anti-biofouling potential of multi-walled carbon nanotubes-filled polydimethylsiloxane composites on pioneer microbial colonization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 30-36.	5.0	17
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63	Silver Nanoparticles Impact Biofilm Communities and Mussel Settlement. <i>Scientific Reports</i> , 2016, 6, 37406.	3.3	23
65	Biofilms on Plastic Debris and Their Influence on Marine Nutrient Cycling, Productivity, and Hazardous Chemical Mobility. <i>Handbook of Environmental Chemistry</i> , 2016, , 221-233.	0.4	39
66	Elevated nutrients change bacterial community composition and connectivity: high throughput sequencing of young marine biofilms. <i>Biofouling</i> , 2016, 32, 57-69.	2.2	87
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75	Carboxyl-modified multi-walled carbon nanotubes-filled PDMS nanocomposites for anti-biofouling applications. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 41-54.	2.6	4
76	Cell-bound exopolysaccharides from an axenic culture of the intertidal mudflat <i>Navicula phyllepta</i> diatom affect biofilm formation by benthic bacteria. <i>Journal of Applied Phycology</i> , 2017, 29, 165-177.	2.8	22
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94	Analysis of cultivable aerobic bacterial community composition and screening for facultative sulfate-reducing bacteria in marine corrosive steel. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 600-614.	1.3	16
95	Polyurethane, epoxy resin and polydimethylsiloxane altered biofilm formation and mussel settlement. <i>Chemosphere</i> , 2019, 218, 599-608.	8.2	24
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98	Description of <i>Palleronia rufa</i> sp. nov., a biofilm-forming and AHL-producing Rhodobacteraceae, reclassification of <i>Hwanghaeicola aestuarii</i> as <i>Palleronia aestuarii</i> comb. nov., <i>Maribius pontilimi</i> as <i>Palleronia pontilimi</i> comb. nov., <i>Maribius salinus</i> as <i>Palleronia salina</i> comb. nov., <i>Maribius pelagius</i> as <i>Palleronia pelagia</i> comb. nov. and emended description of the genus <i>Palleronia</i> . <i>Systematic and Applied Microbiology</i> , 2020, 43, 126018.	2.8	29
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113	Marine hydrocarbon-degrading bacteria breakdown poly(ethylene terephthalate) (PET). <i>Science of the Total Environment</i> , 2020, 749, 141608.	8.0	57
114	Interactive climate change and runoff effects alter O ₂ fluxes and bacterial community composition of coastal biofilms from the Great Barrier Reef. <i>Aquatic Microbial Ecology</i> , 2012, 66, 117-131.	1.8	15
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117	A Review of Microalgal Biofilm Technologies: Definition, Applications, Settings and Analysis. <i>Frontiers in Chemical Engineering</i> , 2021, 3, .	2.7	28
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143	Marine biofilms: diversity, interactions and biofouling. <i>Nature Reviews Microbiology</i> , 2022, 20, 671-684.	28.6	58
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156	Bacterial biofilm from the central Moroccan Atlantic coast: genetic identification and antibiotic and heavy metal resistance profile. <i>International Journal of Environmental Science and Technology</i> , 2024, 21, 1937-1948.	3.5	1
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160	Marine Bacterial Community Structures of Selected Coastal Seawater and Sediment Sites in Qatar. <i>Microorganisms</i> , 2023, 11, 2827.	3.6	0
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