Staffan Kjelleberg

List of Publications by Year
in descending order

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339 papers	42,939 citations	1612 105 h-index	2743 192 g-index
355 all docs	355 docs citations	355 times ranked	32680 citing authors

#	Article	IF	Citations
1	Carotenoids improve bacterial tolerance towards biobutanol through membrane stabilization. Environmental Science: Nano, 2021, 8, 328-341.	2.2	6
2	The biofilm matrix scaffold of Pseudomonas aeruginosa contains G-quadruplex extracellular DNA structures. Npj Biofilms and Microbiomes, 2021, 7, 27.	2.9	40
3	N-Acyl Homoserine Lactone-Mediated Quorum Sensing Regulates Species Interactions in Multispecies Biofilm Communities. Frontiers in Cellular and Infection Microbiology, 2021, 11, 646991.	1.8	6
4	The Repressor C Protein, Pf4r, Controls Superinfection of Pseudomonas aeruginosa PAO1 by the Pf4 Filamentous Phage and Regulates Host Gene Expression. Viruses, 2021, 13, 1614.	1.5	11
5	Carbon starvation of Pseudomonas aeruginosa biofilms selects for dispersal insensitive mutants. BMC Microbiology, 2021, 21, 255.	1.3	7
6	Functional metagenomic analysis of quorum sensing signaling in a nitrifying community. Npj Biofilms and Microbiomes, 2021, 7, 79.	2.9	8
7	Three faces of biofilms: a microbial lifestyle, a nascent multicellular organism, and an incubator for diversity. Npj Biofilms and Microbiomes, 2021, 7, 80.	2.9	94
8	Bacterial lipopolysaccharide core structures mediate effects of butanol ingress. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183150.	1.4	9
9	Gram Typing: Gramâ€Typing Using Conjugated Oligoelectrolytes (Adv. Funct. Mater. 42/2020). Advanced Functional Materials, 2020, 30, 2070281.	7.8	0
10	A compromised developmental trajectory of the infant gut microbiome and metabolome in atopic eczema. Gut Microbes, 2020, 12, 1801964.	4.3	51
11	Secondary Effects of Antibiotics on Microbial Biofilms. Frontiers in Microbiology, 2020, 11, 2109.	1.5	61
12	Phase Transitions by an Abundant Protein in the Anammox Extracellular Matrix Mediate Cell-to-Cell Aggregation and Biofilm Formation. MBio, 2020, 11, .	1.8	8
13	Gramâ€Typing Using Conjugated Oligoelectrolytes. Advanced Functional Materials, 2020, 30, 2004068.	7.8	17
14	Longitudinal assessment of antibiotic resistance gene profiles in gut microbiomes of infants at risk of eczema. BMC Infectious Diseases, 2020, 20, 312.	1.3	11
15	Convection and the Extracellular Matrix Dictate Inter- and Intra-Biofilm Quorum Sensing Communication in Environmental Systems. Environmental Science & Technology, 2020, 54, 6730-6740.	4.6	21
16	Extracellular protein isolation from the matrix of anammox biofilm using ionic liquid extraction. Applied Microbiology and Biotechnology, 2020, 104, 3643-3654.	1.7	13
17	Weak acids as an alternative anti-microbial therapy. Biofilm, 2020, 2, 100019.	1.5	34
18	The SiaABC threonine phosphorylation pathway controls biofilm formation in response to carbon availability in Pseudomonas aeruginosa. PLoS ONE, 2020, 15, e0241019.	1.1	6

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19	Rapid microevolution of biofilm cells in response to antibiotics. Npj Biofilms and Microbiomes, 2019, 5, 34.	2.9	96
20	Response of microbial membranes to butanol: interdigitationvs.disorder. Physical Chemistry Chemical Physics, 2019, 21, 11903-11915.	1.3	19
21	Conjugated Oligoelectrolytes: A Chainâ€Elongated Oligophenylenevinylene Electrolyte Increases Microbial Membrane Stability (Adv. Mater. 18/2019). Advanced Materials, 2019, 31, 1970133.	11.1	0
22	A Chainâ€Elongated Oligophenylenevinylene Electrolyte Increases Microbial Membrane Stability. Advanced Materials, 2019, 31, e1808021.	11.1	29
23	Interactions within the microbiome alter microbial interactions with host chemical defences and affect disease in a marine holobiont. Scientific Reports, 2019, 9, 1363.	1.6	77
24	Vibrio cholerae residing in food vacuoles expelled by protozoa are more infectious in vivo. Nature Microbiology, 2019, 4, 2466-2474.	5.9	27
25	Using metaâ€omics of contaminated sediments to monitor changes in pathways relevant to climate regulation. Environmental Microbiology, 2019, 21, 389-401.	1.8	27
26	Extracellular polymeric substances of biofilms: Suffering from an identity crisis. Water Research, 2019, 151, 1-7.	5.3	228
27	Functional biogeography and host specificity of bacterial communities associated with the Marine Green Alga Ulva spp.. Molecular Ecology, 2018, 27, 1952-1965.	2.0	71
28	Informed Molecular Design of Conjugated Oligoelectrolytes To Increase Cell Affinity and Antimicrobial Activity. Angewandte Chemie - International Edition, 2018, 57, 8069-8072.	7.2	32
29	Matrix Polysaccharides and SiaD Diguanylate Cyclase Alter Community Structure and Competitiveness of Pseudomonas aeruginosa during Dual-Species Biofilm Development with Staphylococcus aureus. MBio, 2018, 9, .	1.8	27
30	Mixed community biofilms and microbially influenced corrosion. Microbiology Australia, 2018, 39, 152.	0.1	8
31	Informed Molecular Design of Conjugated Oligoelectrolytes To Increase Cell Affinity and Antimicrobial Activity. Angewandte Chemie, 2018, 130, 8201-8204.	1.6	8
32	Metagenomics Reveals the Influence of Land Use and Rain on the Benthic Microbial Communities in a Tropical Urban Waterway. MSystems, 2018, 3, .	1.7	63
33	Quorum quenching bacteria can be used to inhibit the biofouling of reverse osmosis membranes. Water Research, 2017, 112, 29-37.	5.3	77
34	Real Time, Spatial, and Temporal Mapping of the Distribution of c-di-GMP during Biofilm Development. Journal of Biological Chemistry, 2017, 292, 477-487.	1.6	32
35	A graphene/carbon nanotube biofilm based solar-microbial fuel device for enhanced hydrogen generation. Sustainable Energy and Fuels, 2017, 1, 191-198.	2.5	22
36	Low-Dose Nitric Oxide as Targeted Anti-biofilm Adjunctive Therapy to Treat Chronic Pseudomonas aeruginosa Infection in Cystic Fibrosis. Molecular Therapy, 2017, 25, 2104-2116.	3.7	149

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37	Mechanistic action of weak acid drugs on biofilms. Scientific Reports, 2017, 7, 4783.	1.6	40
38	All together now: experimental multispecies biofilm model systems. Environmental Microbiology, 2017, 19, 42-53.	1.8	88
39	Pyomelanin produced by Vibrio cholerae confers resistance to predation by Acanthamoeba castellanii. FEMS Microbiology Ecology, 2017, 93, .	1.3	31
40	SiaA/D Interconnects c-di-GMP and RsmA Signaling to Coordinate Cellular Aggregation of Pseudomonas aeruginosa in Response to Environmental Conditions. Frontiers in Microbiology, 2016, 7, 179.	1.5	42
41	Multiple opportunistic pathogens can cause a bleaching disease in the red seaweed Delisea pulchra. Environmental Microbiology, 2016, 18, 3962-3975.	1.8	113
42	Effect of interspecific competition on trait variation in <scp>P</scp>haeobacter inhibens biofilms. Environmental Microbiology, 2016, 18, 1635-1645.	1.8	11
43	Epigallocatechin Gallate Remodels Overexpressed Functional Amyloids in Pseudomonas aeruginosa and Increases Biofilm Susceptibility to Antibiotic Treatment. Journal of Biological Chemistry, 2016, 291, 26540-26553.	1.6	75
44	Mechanical signatures of microbial biofilms in micropillar-embedded growth chambers. Soft Matter, 2016, 12, 5224-5232.	1.2	7
45	Biofilms: an emergent form of bacterial life. Nature Reviews Microbiology, 2016, 14, 563-575.	13.6	3,725
46	Nextâ€generation studies of microbial biofilm communities. Microbial Biotechnology, 2016, 9, 677-680.	2.0	28
47	Reactive oxygen species drive evolution of pro-biofilm variants in pathogens by modulating cyclic-di-GMP levels. Open Biology, 2016, 6, 160162.	1.5	62
48	Sex, Scavengers, and Chaperones: Transcriptome Secrets of DivergentSymbiodiniumThermal Tolerances. Molecular Biology and Evolution, 2016, 33, 2201-2215.	3.5	149
49	Mechanical properties of the superficial biofilm layer determine the architecture of biofilms. Soft Matter, 2016, 12, 5718-5726.	1.2	57
50	Interspecific diversity reduces and functionally substitutes for intraspecific variation in biofilm communities. ISME Journal, 2016, 10, 846-857.	4.4	57
51	Enhancement in hydrogen evolution using Au-TiO2 hollow spheres with microbial devices modified with conjugated oligoelectrolytes. Npj Biofilms and Microbiomes, 2015, 1, 15020.	2.9	11
52	Dispersal from Microbial Biofilms. Microbiology Spectrum, 2015, 3, .	1.2	18
53	In Situ Mapping of the Mechanical Properties of Biofilms by Particle-tracking Microrheology. Journal of Visualized Experiments, 2015, , e53093.	0.2	5
54	Increased Microbial Butanol Tolerance by Exogenous Membrane Insertion Molecules. ChemSusChem, 2015, 8, 3718-3726.	3.6	19

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55	Employing a Flexible and Lowâ€Cost Polypyrrole Nanotube Membrane as an Anode to Enhance Current Generation in Microbial Fuel Cells. Small, 2015, 11, 3440-3443.	5.2	136
56	Pseudomonas aeruginosa PAO1 exopolysaccharides are important for mixed species biofilm community development and stress tolerance. Frontiers in Microbiology, 2015, 6, 851.	1.5	73
57	VarR controls colonization and virulence in the marine macroalgal pathogen Nautella italica R11. Frontiers in Microbiology, 2015, 6, 1130.	1.5	19
58	Voltammetric profiling of redox-active metabolites expressed by Pseudomonas aeruginosa for diagnostic purposes. Chemical Communications, 2015, 51, 3789-3792.	2.2	55
59	Quorum sensing-regulated chitin metabolism provides grazing resistance to Vibrio cholerae biofilms. ISME Journal, 2015, 9, 1812-1820.	4.4	59
60	Metabolite-enabled mutualistic interaction between Shewanella oneidensis and Escherichia coli in a co-culture using an electrode as electron acceptor. Scientific Reports, 2015, 5, 11222.	1.6	35
61	Community quorum sensing signalling and quenching: microbial granular biofilm assembly. Npj Biofilms and Microbiomes, 2015, 1, 15006.	2.9	143
62	C-di-GMP regulates Pseudomonas aeruginosa stress response to tellurite during both planktonic and biofilm modes of growth. Scientific Reports, 2015, 5, 10052.	1.6	72
63	Hybrid Conducting Biofilm with Builtâ€in Bacteria for Highâ€Performance Microbial Fuel Cells. ChemElectroChem, 2015, 2, 654-658.	1.7	77
64	Characterization of the archaeal community fouling a membrane bioreactor. Journal of Environmental Sciences, 2015, 29, 115-123.	3.2	10
65	Enhancing Bidirectional Electron Transfer of Shewanella oneidensis by a Synthetic Flavin Pathway. ACS Synthetic Biology, 2015, 4, 815-823.	1.9	219
66	Solvent optimization for bacterial extracellular matrices: a solution for the insoluble. RSC Advances, 2015, 5, 7469-7478.	1.7	10
67	â€˜Big things in small packages: the genetics of filamentous phage and effects on fitness of their hostâ€™. FEMS Microbiology Reviews, 2015, 39, 465-487.	3.9	140
68	Analysis of microbial community composition in a labâ€scale membrane distillation bioreactor. Journal of Applied Microbiology, 2015, 118, 940-953.	1.4	19
69	Ecogenomics Reveals Metals and Land-Use Pressures on Microbial Communities in the Waterways of a Megacity. Environmental Science & Technology, 2015, 49, 1462-1471.	4.6	53
70	Functional Amyloids Keep Quorum-sensing Molecules in Check. Journal of Biological Chemistry, 2015, 290, 6457-6469.	1.6	70
71	Chemically Functionalized Conjugated Oligoelectrolyte Nanoparticles for Enhancement of Current Generation in Microbial Fuel Cells. ACS Applied Materials & Interfaces, 2015, 7, 14501-14505.	4.0	30
72	Enhanced Shewanella biofilm promotes bioelectricity generation. Biotechnology and Bioengineering, 2015, 112, 2051-2059.	1.7	129

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73	Nitric Oxide Treatment for the Control of Reverse Osmosis Membrane Biofouling. Applied and Environmental Microbiology, 2015, 81, 2515-2524.	1.4	45
74	The application of nitric oxide to control biofouling of membrane bioreactors. Microbial Biotechnology, 2015, 8, 549-560.	2.0	13
75	RhizoFlowCell system reveals early effects of micropollutants on aquatic plant rhizosphere. Environmental Pollution, 2015, 207, 205-210.	3.7	1
76	Aroyleneimidazophenazine: A Sensitive Probe for Detecting CN^{â^'}Anion and its Solvatochromism Effect. Journal of Heterocyclic Chemistry, 2015, 52, 1699-1704.	1.4	8
77	Strain-specific parallel evolution drives short-term diversification during Pseudomonas aeruginosa biofilm formation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1419-27.	3.3	81
78	Micro-fabricated polydimethyl siloxane (PDMS) surfaces regulate the development of marine microbial biofilm communities. Biofouling, 2014, 30, 323-335.	0.8	35
79	The correlation between biofilm biopolymer composition and membrane fouling in submerged membrane bioreactors. Biofouling, 2014, 30, 1093-1110.	0.8	27
80	Environmental cues and genes involved in establishment of the superinfective Pf4 phage of Pseudomonas aeruginosa. Frontiers in Microbiology, 2014, 5, 654.	1.5	28
81	Dynamic Remodeling of Microbial Biofilms by Functionally Distinct Exopolysaccharides. MBio, 2014, 5, e01536-14.	1.8	142
82	Microbial biofilm formation: a need to act. Journal of Internal Medicine, 2014, 276, 98-110.	2.7	144
83	Biogenic tellurium nanorods as a novel antivirulence agent inhibiting pyoverdine production in Pseudomonas aeruginosa. Biotechnology and Bioengineering, 2014, 111, 858-865.	1.7	34
84	Dispersed cells represent a distinct stage in the transition from bacterial biofilm to planktonic lifestyles. Nature Communications, 2014, 5, 4462.	5.8	294
85	Membrane permeabilization underlies the enhancement of extracellular bioactivity in Shewanella oneidensis by a membrane-spanning conjugated oligoelectrolyte. Applied Microbiology and Biotechnology, 2014, 98, 9021-9031.	1.7	34
86	Biofilm development and enhanced stress resistance of a model, mixed-species community biofilm. ISME Journal, 2014, 8, 894-907.	4.4	282
87	Uncovering alternate charge transfer mechanisms in Escherichia coli chemically functionalized with conjugated oligoelectrolytes. Chemical Communications, 2014, 50, 8223-8226.	2.2	34
88	Larger Ï€-extended anti-/syn-aroylenediimidazole polyaromatic compounds: synthesis, physical properties, self-assembly, and quasi-linear conjugation effect. RSC Advances, 2014, 4, 17822-17831.	1.7	23
89	Modeling Cell Membrane Perturbation by Molecules Designed for Transmembrane Electron Transfer. Langmuir, 2014, 30, 2429-2440.	1.6	55
90	Comparative Genomic Analysis of Malaria Mosquito Vector-Associated Novel Pathogen Elizabethkingia anophelis. Genome Biology and Evolution, 2014, 6, 1158-1165.	1.1	52

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91	The role of quorum sensing signalling in EPS production and the assembly of a sludge community into aerobic granules. ISME Journal, 2014, 8, 1186-1197.	4.4	330
92	Characterization of biofouling in a lab-scale forward osmosis membrane bioreactor (FOMBR). Water Research, 2014, 58, 141-151.	5.3	91
93	The roles of Pseudomonas aeruginosa extracellular polysaccharides in biofouling of reverse osmosis membranes and nitric oxide induced dispersal. Journal of Membrane Science, 2014, 466, 161-172.	4.1	30
94	Comparison of flavins and a conjugated oligoelectrolyte in stimulating extracellular electron transport from Shewanella oneidensis MR-1. Electrochemistry Communications, 2014, 41, 55-58.	2.3	50
95	A stable synergistic microbial consortium for simultaneous azo dye removal and bioelectricity generation. Bioresource Technology, 2014, 155, 71-76.	4.8	27
96	Nitric Oxide: A Key Mediator of Biofilm Dispersal with Applications in Infectious Diseases. Current Pharmaceutical Design, 2014, 21, 31-42.	0.9	201
97	Improving charge collection in Escherichia coliâ€“carbon electrode devices with conjugated oligoelectrolytes. Physical Chemistry Chemical Physics, 2013, 15, 5867.	1.3	110
98	The seaweed holobiont: understanding seaweedâ€“bacteria interactions. FEMS Microbiology Reviews, 2013, 37, 462-476.	3.9	560
99	Molecular insights into environmental microbes. FEMS Microbiology Reviews, 2013, 37, 285-285.	3.9	6
100	Dynamics of biofilm formation under different nutrient levels and the effect on biofouling of a reverse osmosis membrane system. Biofouling, 2013, 29, 319-330.	0.8	44
101	Optimal dosing regimen of nitric oxide donor compounds for the reduction ofPseudomonas aeruginosabiofilm and isolates from wastewater membranes. Biofouling, 2013, 29, 203-212.	0.8	64
102	Animals in a bacterial world, a new imperative for the life sciences. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3229-3236.	3.3	2,181
103	First case of E anophelis outbreak in an intensive-care unit. Lancet, The, 2013, 382, 855-856.	6.3	78
104	Influence of outer membrane câ€type cytochromes on particle size and activity of extracellular nanoparticles produced by Shewanella oneidensis. Biotechnology and Bioengineering, 2013, 110, 1831-1837.	1.7	72
105	Synthesis of cephalosporin-3â€²-diazeniumdiolates: biofilm dispersing NO-donor prodrugs activated by Î²-lactamase. Chemical Communications, 2013, 49, 4791.	2.2	52
106	Identification of Five Structurally Unrelated Quorum-Sensing Inhibitors of Pseudomonas aeruginosa from a Natural-Derivative Database. Antimicrobial Agents and Chemotherapy, 2013, 57, 5629-5641.	1.4	113
107	Bis-(3â€²-5â€²)-Cyclic Dimeric GMP Regulates Antimicrobial Peptide Resistance in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2013, 57, 2066-2075.	1.4	93
108	Draft Genome Sequence of Klebsiella pneumoniae Strain KP-1. Genome Announcements, 2013, 1, .	0.8	6

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109	Draft Genome Sequence of the Chronic, Nonclonal Cystic Fibrosis Isolate Pseudomonas aeruginosa Strain 18A. Genome Announcements, 2013, 1, e0000113.	0.8	3
110	Permanent draft genome sequence of Comamonas testosteroni KF-1. Standards in Genomic Sciences, 2013, 8, 239-254.	1.5	14
111	Engineering PQS Biosynthesis Pathway for Enhancement of Bioelectricity Production in Pseudomonas aeruginosa Microbial Fuel Cells. PLoS ONE, 2013, 8, e63129.	1.1	65
112	Relative Contributions of Vibrio Polysaccharide and Quorum Sensing to the Resistance of Vibrio cholerae to Predation by Heterotrophic Protists. PLoS ONE, 2013, 8, e56338.	1.1	32
113	Assessing the Effectiveness of Functional Genetic Screens for the Identification of Bioactive Metabolites. Marine Drugs, 2013, 11, 40-49.	2.2	16
114	Community Structure and Functional Gene Profile of Bacteria on Healthy and Diseased Thalli of the Red Seaweed Delisea pulchra. PLoS ONE, 2012, 7, e50854.	1.1	112
115	Biofilm dispersal cells of a cystic fibrosisPseudomonas aeruginosaisolate exhibit variability in functional traits likely to contribute to persistent infection. FEMS Immunology and Medical Microbiology, 2012, 66, 251-264.	2.7	27
116	Biofilm shows spatially stratified metabolic responses to contaminant exposure. Environmental Microbiology, 2012, 14, 2901-2910.	1.8	44
117	Functional equivalence and evolutionary convergence in complex communities of microbial sponge symbionts. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1878-87.	3.3	361
118	Phaeobacter gallaeciensis genomes from globally opposite locations reveal high similarity of adaptation to surface life. ISME Journal, 2012, 6, 2229-2244.	4.4	143
119	Cephalosporinâ€3â€²â€diazeniumdiolates: Targeted NOâ€Donor Prodrugs for Dispersing Bacterial Biofilms. Angewandte Chemie - International Edition, 2012, 51, 9057-9060.	7.2	137
120	The presence and role of bacterial quorum sensing in activated sludge. Microbial Biotechnology, 2012, 5, 621-633.	2.0	106
121	Should we stay or should we go: mechanisms and ecological consequences for biofilm dispersal. Nature Reviews Microbiology, 2012, 10, 39-50.	13.6	702
122	Molecular Dynamics Unlocks Atomic Level Self-Assembly of the Exopolysaccharide Matrix of Water-Treatment Granular Biofilms. Biomacromolecules, 2012, 13, 1965-1972.	2.6	18
123	Glucose Starvation-Induced Dispersal of Pseudomonas aeruginosa Biofilms Is cAMP and Energy Dependent. PLoS ONE, 2012, 7, e42874.	1.1	67
124	Metaproteogenomic analysis of a community of sponge symbionts. ISME Journal, 2012, 6, 1515-1525.	4.4	131
125	Dynamic modelling of cell death during biofilm development. Journal of Theoretical Biology, 2012, 295, 23-36.	0.8	48
126	Minimal increase in genetic diversity enhances predation resistance. Molecular Ecology, 2012, 21, 1741-1753.	2.0	21

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127	Bacterial community assembly based on functional genes rather than species. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14288-14293.	3.3	768
128	Identification of the Antibacterial Compound Produced by the Marine Epiphytic Bacterium Pseudovibrio sp. D323 and Related Sponge-Associated Bacteria. Marine Drugs, 2011, 9, 1391-1402.	2.2	82
129	Genomes and Virulence Factors of Novel Bacterial Pathogens Causing Bleaching Disease in the Marine Red Alga Delisea pulchra. PLoS ONE, 2011, 6, e27387.	1.1	95
130	Complete genome sequence of Parvibaculum lavamentivorans type strain (DS-1T). Standards in Genomic Sciences, 2011, 5, 298-310.	1.5	37
131	Temperature induced bacterial virulence and bleaching disease in a chemically defended marine macroalga. Environmental Microbiology, 2011, 13, 529-537.	1.8	142
132	Climate change and disease: bleaching of a chemically defended seaweed. Global Change Biology, 2011, 17, 2958-2970.	4.2	151
133	A polyphasic approach to the exploration of collagenolytic activity in the bacterial community associated with the marine sponge Cymbastela concentrica. FEMS Microbiology Letters, 2011, 321, 24-29.	0.7	6
134	In situ grazing resistance of Vibrio cholerae in the marine environment. FEMS Microbiology Ecology, 2011, 76, 504-512.	1.3	26
135	Functional genomic analysis of an uncultured Î´-proteobacterium in the sponge Cymbastela concentrica. ISME Journal, 2011, 5, 427-435.	4.4	58
136	Composition, uniqueness and variability of the epiphytic bacterial community of the green alga Ulva australis. ISME Journal, 2011, 5, 590-600.	4.4	361
137	Antidiatom and antibacterial activity of epiphytic bacteria isolated from Ulva lactuca in tropical waters. World Journal of Microbiology and Biotechnology, 2011, 27, 1543-1549.	1.7	34
138	Surfactant enhanced lipase containing films characterized by confocal laser scanning microscopy. Colloids and Surfaces B: Biointerfaces, 2011, 82, 291-296.	2.5	2
139	Marine Bacteria from Danish Coastal Waters Show Antifouling Activity against the Marine Fouling Bacterium Pseudoalteromonas sp. Strain S91 and Zoospores of the Green Alga Ulva australis Independent of Bacteriocidal Activity. Applied and Environmental Microbiology, 2011, 77, 8557-8567.	1.4	55
140	Novel Antibacterial Proteins from the Microbial Communities Associated with the Sponge Cymbastela concentrica and the Green Alga Ulva australis. Applied and Environmental Microbiology, 2011, 77, 1512-1515.	1.4	33
141	Species-specific patterns in the vulnerability of Âcarbon-starved bacteria to protist grazing. Aquatic Microbial Ecology, 2011, 64, 105-116.	0.9	12
142	Free nitrous acid (FNA) inhibition on denitrifying poly-phosphate accumulating organisms (DPAOs). Applied Microbiology and Biotechnology, 2010, 88, 359-369.	1.7	76
143	Development of a treatment solution for reductive dechlorination of hexachloro-1,3-butadiene in vadose zone soil. Biodegradation, 2010, 21, 947-956.	1.5	11
144	Ability of Pseudoalteromonas tunicata to colonize natural biofilms and its effect on microbial community structure. FEMS Microbiology Ecology, 2010, 73, no-no.	1.3	24

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145	Variability and abundance of the epiphytic bacterial community associated with a green marine Ulvacean alga. ISME Journal, 2010, 4, 301-311.	4.4	172
146	Functional genomic signatures of sponge bacteria reveal unique and shared features of symbiosis. ISME Journal, 2010, 4, 1557-1567.	4.4	278
147	Identification of Compounds with Bioactivity against the Nematode Caenorhabditis elegans by a Screen Based on the Functional Genomics of the Marine Bacterium Pseudoalteromonas tunicata D2. Applied and Environmental Microbiology, 2010, 76, 5710-5717.	1.4	46
148	Identification of Ciliate Grazers of Autotrophic Bacteria in Ammonia-Oxidizing Activated Sludge by RNA Stable Isotope Probing. Applied and Environmental Microbiology, 2010, 76, 2203-2211.	1.4	35
149	Development of Novel Drugs from Marine Surface Associated Microorganisms. Marine Drugs, 2010, 8, 438-459.	2.2	193
150	Pseudomonas aeruginosa PAO1 Preferentially Grows as Aggregates in Liquid Batch Cultures and Disperses upon Starvation. PLoS ONE, 2009, 4, e5513.	1.1	175
151	Selective Extraction of Bacterial DNA from the Surfaces of Macroalgae. Applied and Environmental Microbiology, 2009, 75, 252-256.	1.4	55
152	The genomic basis of trophic strategy in marine bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15527-15533.	3.3	685
153	Nitric Oxide Signaling inPseudomonas aeruginosaBiofilms Mediates Phosphodiesterase Activity, Decreased Cyclic Di-GMP Levels, and Enhanced Dispersal. Journal of Bacteriology, 2009, 191, 7333-7342.	1.0	432
154	Phylogenetic screening of a bacterial, metagenomic library using homing endonuclease restriction and marker insertion. Nucleic Acids Research, 2009, 37, e144-e144.	6.5	16
155	Nitric oxideâ€mediated dispersal in singleâ€and multiâ€species biofilms of clinically and industrially relevant microorganisms. Microbial Biotechnology, 2009, 2, 370-378.	2.0	240
156	The biofilm life cycle and virulence of Pseudomonas aeruginosa are dependent on a filamentous prophage. ISME Journal, 2009, 3, 271-282.	4.4	296
157	Gene expression characteristics of a cystic fibrosis epidemic strain ofPseudomonas aeruginosaduring biofilm and planktonic growth. FEMS Microbiology Letters, 2009, 292, 107-114.	0.7	40
158	Antimicrobial activity observed among cultured marine epiphytic bacteria reflects their potential as a source of new drugs. FEMS Microbiology Ecology, 2009, 69, 113-124.	1.3	113
159	SiaA and SiaD are essential for inducing autoaggregation as a specific response to detergent stress in Pseudomonas aeruginosa. Environmental Microbiology, 2009, 11, 3073-3086.	1.8	84
160	AHL-driven quorum-sensing circuits: their frequency and function among the Proteobacteria. ISME Journal, 2008, 2, 345-349.	4.4	257
161	Pseudomonas aeruginosa uses type III secretion system to kill biofilm-associated amoebae. ISME Journal, 2008, 2, 843-852.	4.4	134
162	Ecology of type II secretion in marine gammaproteobacteria. Environmental Microbiology, 2008, 10, 1101-1107.	1.8	36

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163	Unlocking the diversity and biotechnological potential of marine surface associated microbial communities. Current Opinion in Microbiology, 2008, 11, 219-225.	2.3	183
164	Hydrogen Peroxide Linked to Lysine Oxidase Activity Facilitates Biofilm Differentiation and Dispersal in Several Gram-Negative Bacteria. Journal of Bacteriology, 2008, 190, 5493-5501.	1.0	119
165	Role of quorum sensing by Pseudomonas aeruginosa in microbial keratitis and cystic fibrosis. Microbiology (United Kingdom), 2008, 154, 2184-2194.	0.7	69
166	Transcriptome analyses and biofilm-forming characteristics of a clonal Pseudomonas aeruginosa from the cystic fibrosis lung. Journal of Medical Microbiology, 2008, 57, 1454-1465.	0.7	50
167	Proteomic, Microarray, and Signature-Tagged Mutagenesis Analyses of AnaerobicPseudomonas aeruginosaat pH 6.5, Likely Representing Chronic, Late-Stage Cystic Fibrosis Airway Conditions. Journal of Bacteriology, 2008, 190, 2739-2758.	1.0	86
168	Marine Biofilm Bacteria Evade Eukaryotic Predation by Targeted Chemical Defense. PLoS ONE, 2008, 3, e2744.	1.1	176
169	Detection and Inhibition of Bacterial Cellâ€“Cell Communication. , 2008, 431, 55-68.		4
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