

# Staffan Kjelleberg

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

342  
papers

33,090  
citations

97  
h-index

173  
g-index

351  
ext. papers

38,532  
ext. citations

5.9  
avg, IF

7.08  
L-index

#	Paper	IF	Citations
342	Three faces of biofilms: a microbial lifestyle, a nascent multicellular organism, and an incubator for diversity. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 80	8.2	19
341	Functional metagenomic analysis of quorum sensing signaling in a nitrifying community. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 79	8.2	2
340	The biofilm matrix scaffold of <i>Pseudomonas aeruginosa</i> contains G-quadruplex extracellular DNA structures. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 27	8.2	4
339	N-Acyl Homoserine Lactone-Mediated Quorum Sensing Regulates Species Interactions in Multispecies Biofilm Communities. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 646991	5.9	1
338	Carotenoids improve bacterial tolerance towards biobutanol through membrane stabilization. <i>Environmental Science: Nano</i> , <b>2021</b> , 8, 328-341	7.1	3
337	The Repressor C Protein, Pf4r, Controls Superinfection of PAO1 by the Pf4 Filamentous Phage and Regulates Host Gene Expression. <i>Viruses</i> , <b>2021</b> , 13,	6.2	2
336	Carbon starvation of <i>Pseudomonas aeruginosa</i> biofilms selects for dispersal insensitive mutants. <i>BMC Microbiology</i> , <b>2021</b> , 21, 255	4.5	2
335	Longitudinal assessment of antibiotic resistance gene profiles in gut microbiomes of infants at risk of eczema. <i>BMC Infectious Diseases</i> , <b>2020</b> , 20, 312	4	3
334	Convection and the Extracellular Matrix Dictate Inter- and Intra-Biofilm Quorum Sensing Communication in Environmental Systems. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 6730-6740	10.3	6
333	Extracellular protein isolation from the matrix of anammox biofilm using ionic liquid extraction. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 3643-3654	5.7	7
332	Weak acids as an alternative anti-microbial therapy. <i>Biofilm</i> , <b>2020</b> , 2, 100019	5.9	19
331	The SiaABC threonine phosphorylation pathway controls biofilm formation in response to carbon availability in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , <b>2020</b> , 15, e0241019	3.7	2
330	Bacterial lipopolysaccharide core structures mediate effects of butanol ingress. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2020</b> , 1862, 183150	3.8	5
329	Gram Typing: Gram-Typing Using Conjugated Oligoelectrolytes (Adv. Funct. Mater. 42/2020). <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2070281	15.6	
328	A compromised developmental trajectory of the infant gut microbiome and metabolome in atopic eczema. <i>Gut Microbes</i> , <b>2020</b> , 12, 1-22	8.8	21
327	Secondary Effects of Antibiotics on Microbial Biofilms. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 2109	5.7	12
326	Phase Transitions by an Abundant Protein in the Anammox Extracellular Matrix Mediate Cell-to-Cell Aggregation and Biofilm Formation. <i>MBio</i> , <b>2020</b> , 11,	7.8	1

325	Gram-Typing Using Conjugated Oligoelectrolytes. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2004068	15.6	5
324	Response of microbial membranes to butanol: interdigitation vs. disorder. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 11903-11915	3.6	11
323	Conjugated Oligoelectrolytes: A Chain-Elongated Oligophenylenevinylene Electrolyte Increases Microbial Membrane Stability (Adv. Mater. 18/2019). <i>Advanced Materials</i> , <b>2019</b> , 31, 1970133	24	
322	A Chain-Elongated Oligophenylenevinylene Electrolyte Increases Microbial Membrane Stability. <i>Advanced Materials</i> , <b>2019</b> , 31, e1808021	24	17
321	Rapid microevolution of biofilm cells in response to antibiotics. <i>Npj Biofilms and Microbiomes</i> , <b>2019</b> , 5, 34	8.2	49
320	Interactions within the microbiome alter microbial interactions with host chemical defences and affect disease in a marine holobiont. <i>Scientific Reports</i> , <b>2019</b> , 9, 1363	4.9	37
319	<i>Vibrio cholerae</i> residing in food vacuoles expelled by protozoa are more infectious in vivo. <i>Nature Microbiology</i> , <b>2019</b> , 4, 2466-2474	26.6	12
318	Using meta-omics of contaminated sediments to monitor changes in pathways relevant to climate regulation. <i>Environmental Microbiology</i> , <b>2019</b> , 21, 389-401	5.2	19
317	Extracellular polymeric substances of biofilms: Suffering from an identity crisis. <i>Water Research</i> , <b>2019</b> , 151, 1-7	12.5	138
316	Functional biogeography and host specificity of bacterial communities associated with the Marine Green Alga <i>Ulva</i> spp. <i>Molecular Ecology</i> , <b>2018</b> , 27, 1952-1965	5.7	28
315	Informed Molecular Design of Conjugated Oligoelectrolytes To Increase Cell Affinity and Antimicrobial Activity. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8069-8072	16.4	21
314	Metagenomics Reveals the Influence of Land Use and Rain on the Benthic Microbial Communities in a Tropical Urban Waterway. <i>MSystems</i> , <b>2018</b> , 3,	7.6	23
313	Matrix Polysaccharides and SiaD Diguanylate Cyclase Alter Community Structure and Competitiveness of during Dual-Species Biofilm Development with. <i>MBio</i> , <b>2018</b> , 9,	7.8	17
312	Mixed community biofilms and microbially influenced corrosion. <i>Microbiology Australia</i> , <b>2018</b> , 39, 152	0.8	5
311	Informed Molecular Design of Conjugated Oligoelectrolytes To Increase Cell Affinity and Antimicrobial Activity. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 8201-8204	3.6	6
310	Quorum quenching bacteria can be used to inhibit the biofouling of reverse osmosis membranes. <i>Water Research</i> , <b>2017</b> , 112, 29-37	12.5	49
309	Real Time, Spatial, and Temporal Mapping of the Distribution of c-di-GMP during Biofilm Development. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 477-487	5.4	17
308	A graphene/carbon nanotube biofilm based solar-microbial fuel device for enhanced hydrogen generation. <i>Sustainable Energy and Fuels</i> , <b>2017</b> , 1, 191-198	5.8	20

307	Pyomelanin produced by <i>Vibrio cholerae</i> confers resistance to predation by <i>Acanthamoeba castellanii</i> . <i>FEMS Microbiology Ecology</i> , <b>2017</b> , 93,	4.3	18
306	Low-Dose Nitric Oxide as Targeted Anti-biofilm Adjunctive Therapy to Treat Chronic <i>Pseudomonas aeruginosa</i> Infection in Cystic Fibrosis. <i>Molecular Therapy</i> , <b>2017</b> , 25, 2104-2116	11.7	106
305	Mechanistic action of weak acid drugs on biofilms. <i>Scientific Reports</i> , <b>2017</b> , 7, 4783	4.9	28
304	All together now: experimental multispecies biofilm model systems. <i>Environmental Microbiology</i> , <b>2017</b> , 19, 42-53	5.2	55
303	Next-generation studies of microbial biofilm communities. <i>Microbial Biotechnology</i> , <b>2016</b> , 9, 677-80	6.3	23
302	Reactive oxygen species drive evolution of pro-biofilm variants in pathogens by modulating cyclic-di-GMP levels. <i>Open Biology</i> , <b>2016</b> , 6,	7	39
301	Sex, Scavengers, and Chaperones: Transcriptome Secrets of Divergent <i>Symbiodinium</i> Thermal Tolerances. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 2201-15	8.3	88
300	Mechanical properties of the superficial biofilm layer determine the architecture of biofilms. <i>Soft Matter</i> , <b>2016</b> , 12, 5718-26	3.6	38
299	Interspecific diversity reduces and functionally substitutes for intraspecific variation in biofilm communities. <i>ISME Journal</i> , <b>2016</b> , 10, 846-57	11.9	34
298	SiaA/D Interconnects c-di-GMP and RsmA Signaling to Coordinate Cellular Aggregation of <i>Pseudomonas aeruginosa</i> in Response to Environmental Conditions. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 179	5.7	22
297	Multiple opportunistic pathogens can cause a bleaching disease in the red seaweed <i>Delisea pulchra</i> . <i>Environmental Microbiology</i> , <b>2016</b> , 18, 3962-3975	5.2	56
296	Effect of interspecific competition on trait variation in <i>Phaeobacter inhibens</i> biofilms. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 1635-45	5.2	8
295	Epigallocatechin Gallate Remodels Overexpressed Functional Amyloids in <i>Pseudomonas aeruginosa</i> and Increases Biofilm Susceptibility to Antibiotic Treatment. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 26540-26553	5.4	42
294	Mechanical signatures of microbial biofilms in micropillar-embedded growth chambers. <i>Soft Matter</i> , <b>2016</b> , 12, 5224-32	3.6	6
293	Biofilms: an emergent form of bacterial life. <i>Nature Reviews Microbiology</i> , <b>2016</b> , 14, 563-75	22.2	2223
292	Ecogenomics reveals metals and land-use pressures on microbial communities in the waterways of a megacity. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 1462-71	10.3	36
291	Functional amyloids keep quorum-sensing molecules in check. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 6457-69	5.4	55
290	Chemically Functionalized Conjugated Oligoelectrolyte Nanoparticles for Enhancement of Current Generation in Microbial Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 14501-5	9.5	19

289	Enhanced Shewanella biofilm promotes bioelectricity generation. <i>Biotechnology and Bioengineering</i> , <b>2015</b> , 112, 2051-9	4.9	95
288	Nitric oxide treatment for the control of reverse osmosis membrane biofouling. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 2515-24	4.8	40
287	The application of nitric oxide to control biofouling of membrane bioreactors. <i>Microbial Biotechnology</i> , <b>2015</b> , 8, 549-60	6.3	11
286	RhizoFlowCell system reveals early effects of micropollutants on aquatic plant rhizosphere. <i>Environmental Pollution</i> , <b>2015</b> , 207, 205-10	9.3	1
285	Aroyleneimidazophenazine: A Sensitive Probe for Detecting CN <sup>-</sup> Anion and its Solvatochromism Effect. <i>Journal of Heterocyclic Chemistry</i> , <b>2015</b> , 52, 1699-1704	1.9	7
284	Enhancement in hydrogen evolution using Au-TiO hollow spheres with microbial devices modified with conjugated oligoelectrolytes. <i>Npj Biofilms and Microbiomes</i> , <b>2015</b> , 1, 15020	8.2	9
283	Dispersal from Microbial Biofilms. <i>Microbiology Spectrum</i> , <b>2015</b> , 3,	8.9	12
282	In Situ Mapping of the Mechanical Properties of Biofilms by Particle-tracking Microrheology. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e53093	1.6	2
281	Increased Microbial Butanol Tolerance by Exogenous Membrane Insertion Molecules. <i>ChemSusChem</i> , <b>2015</b> , 8, 3718-26	8.3	14
280	Employing a Flexible and Low-Cost Polypyrrole Nanotube Membrane as an Anode to Enhance Current Generation in Microbial Fuel Cells. <i>Small</i> , <b>2015</b> , 11, 3440-3	11	113
279	Dispersal from Microbial Biofilms <b>2015</b> , 343-362		2
278	<i>Pseudomonas aeruginosa</i> PAO1 exopolysaccharides are important for mixed species biofilm community development and stress tolerance. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 851	5.7	49
277	VarR controls colonization and virulence in the marine macroalgal pathogen <i>Nautella italica</i> R11. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1130	5.7	14
276	Voltammetric profiling of redox-active metabolites expressed by <i>Pseudomonas aeruginosa</i> for diagnostic purposes. <i>Chemical Communications</i> , <b>2015</b> , 51, 3789-92	5.8	44
275	Quorum sensing-regulated chitin metabolism provides grazing resistance to <i>Vibrio cholerae</i> biofilms. <i>ISME Journal</i> , <b>2015</b> , 9, 1812-20	11.9	43
274	Metabolite-enabled mutualistic interaction between <i>Shewanella oneidensis</i> and <i>Escherichia coli</i> in a co-culture using an electrode as electron acceptor. <i>Scientific Reports</i> , <b>2015</b> , 5, 11222	4.9	25
273	Community quorum sensing signalling and quenching: microbial granular biofilm assembly. <i>Npj Biofilms and Microbiomes</i> , <b>2015</b> , 1, 15006	8.2	105
272	C-di-GMP regulates <i>Pseudomonas aeruginosa</i> stress response to tellurite during both planktonic and biofilm modes of growth. <i>Scientific Reports</i> , <b>2015</b> , 5, 10052	4.9	46

271	Hybrid Conducting Biofilm with Built-in Bacteria for High-Performance Microbial Fuel Cells. <i>ChemElectroChem</i> , <b>2015</b> , 2, 654-658	4.3	64
270	Characterization of the archaeal community fouling a membrane bioreactor. <i>Journal of Environmental Sciences</i> , <b>2015</b> , 29, 115-23	6.4	10
269	Enhancing Bidirectional Electron Transfer of <i>Shewanella oneidensis</i> by a Synthetic Flavin Pathway. <i>ACS Synthetic Biology</i> , <b>2015</b> , 4, 815-23	5.7	143
268	Solvent optimization for bacterial extracellular matrices: a solution for the insoluble. <i>RSC Advances</i> , <b>2015</b> , 5, 7469-7478	3.7	10
267	Big things in small packages: the genetics of filamentous phage and effects on fitness of their host. <i>FEMS Microbiology Reviews</i> , <b>2015</b> , 39, 465-87	15.1	76
266	Analysis of microbial community composition in a lab-scale membrane distillation bioreactor. <i>Journal of Applied Microbiology</i> , <b>2015</b> , 118, 940-53	4.7	16
265	Nitric oxide: a key mediator of biofilm dispersal with applications in infectious diseases. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 31-42	3.3	151
264	Biofilm development and enhanced stress resistance of a model, mixed-species community biofilm. <i>ISME Journal</i> , <b>2014</b> , 8, 894-907	11.9	208
263	Uncovering alternate charge transfer mechanisms in <i>Escherichia coli</i> chemically functionalized with conjugated oligoelectrolytes. <i>Chemical Communications</i> , <b>2014</b> , 50, 8223-6	5.8	30
262	Larger Extended anti-/syn-arylenediimidazole polyaromatic compounds: synthesis, physical properties, self-assembly, and quasi-linear conjugation effect. <i>RSC Advances</i> , <b>2014</b> , 4, 17822-17831	3.7	20
261	Modeling cell membrane perturbation by molecules designed for transmembrane electron transfer. <i>Langmuir</i> , <b>2014</b> , 30, 2429-40	4	47
260	Comparative genomic analysis of malaria mosquito vector-associated novel pathogen <i>Elizabethkingia anophelis</i> . <i>Genome Biology and Evolution</i> , <b>2014</b> , 6, 1158-65	3.9	40
259	Bacterial Communication Systems <b>2014</b> , 171-188		2
258	The role of quorum sensing signalling in EPS production and the assembly of a sludge community into aerobic granules. <i>ISME Journal</i> , <b>2014</b> , 8, 1186-97	11.9	245
257	Characterization of biofouling in a lab-scale forward osmosis membrane bioreactor (FOMBR). <i>Water Research</i> , <b>2014</b> , 58, 141-51	12.5	82
256	The roles of <i>Pseudomonas aeruginosa</i> extracellular polysaccharides in biofouling of reverse osmosis membranes and nitric oxide induced dispersal. <i>Journal of Membrane Science</i> , <b>2014</b> , 466, 161-172 <sup>9.6</sup>		23
255	Comparison of flavins and a conjugated oligoelectrolyte in stimulating extracellular electron transport from <i>Shewanella oneidensis</i> MR-1. <i>Electrochemistry Communications</i> , <b>2014</b> , 41, 55-58	5.1	45
254	A stable synergistic microbial consortium for simultaneous azo dye removal and bioelectricity generation. <i>Bioresource Technology</i> , <b>2014</b> , 155, 71-6	11	21

253	Strain-specific parallel evolution drives short-term diversification during <i>Pseudomonas aeruginosa</i> biofilm formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E1419-27	11.5	61
252	Micro-fabricated polydimethyl siloxane (PDMS) surfaces regulate the development of marine microbial biofilm communities. <i>Biofouling</i> , <b>2014</b> , 30, 323-35	3.3	32
251	The correlation between biofilm biopolymer composition and membrane fouling in submerged membrane bioreactors. <i>Biofouling</i> , <b>2014</b> , 30, 1093-110	3.3	20
250	Environmental cues and genes involved in establishment of the superinfective Pf4 phage of <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , <b>2014</b> , 5, 654	5.7	18
249	Dynamic remodeling of microbial biofilms by functionally distinct exopolysaccharides. <i>MBio</i> , <b>2014</b> , 5, e01536-14	7.8	106
248	Microbial biofilm formation: a need to act. <i>Journal of Internal Medicine</i> , <b>2014</b> , 276, 98-110	10.8	105
247	Biogenic tellurium nanorods as a novel antivirulence agent inhibiting pyoverdine production in <i>Pseudomonas aeruginosa</i> . <i>Biotechnology and Bioengineering</i> , <b>2014</b> , 111, 858-65	4.9	27
246	Dispersed cells represent a distinct stage in the transition from bacterial biofilm to planktonic lifestyles. <i>Nature Communications</i> , <b>2014</b> , 5, 4462	17.4	217
245	Membrane permeabilization underlies the enhancement of extracellular bioactivity in <i>Shewanella oneidensis</i> by a membrane-spanning conjugated oligoelectrolyte. <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 9021-31	5.7	29
244	Improving charge collection in <i>Escherichia coli</i> -carbon electrode devices with conjugated oligoelectrolytes. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 5867-72	3.6	92
243	The seaweed holobiont: understanding seaweed-bacteria interactions. <i>FEMS Microbiology Reviews</i> , <b>2013</b> , 37, 462-76	15.1	319
242	Dynamics of biofilm formation under different nutrient levels and the effect on biofouling of a reverse osmosis membrane system. <i>Biofouling</i> , <b>2013</b> , 29, 319-30	3.3	37
241	Optimal dosing regimen of nitric oxide donor compounds for the reduction of <i>Pseudomonas aeruginosa</i> biofilm and isolates from wastewater membranes. <i>Biofouling</i> , <b>2013</b> , 29, 203-12	3.3	49
240	Animals in a bacterial world, a new imperative for the life sciences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 3229-36	11.5	1488
239	First case of <i>E. anophelis</i> outbreak in an intensive-care unit. <i>Lancet, The</i> , <b>2013</b> , 382, 855-6	4.0	63
238	Influence of outer membrane c-type cytochromes on particle size and activity of extracellular nanoparticles produced by <i>Shewanella oneidensis</i> . <i>Biotechnology and Bioengineering</i> , <b>2013</b> , 110, 1831-7	4.9	61
237	Synthesis of cephalosporin-3Rdiazoniumdiolates: biofilm dispersing NO-donor prodrugs activated by $\beta$ -lactamase. <i>Chemical Communications</i> , <b>2013</b> , 49, 4791-3	5.8	41
236	Identification of five structurally unrelated quorum-sensing inhibitors of <i>Pseudomonas aeruginosa</i> from a natural-derivative database. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 5629-41	5.9	78



235	Bis-(3R5)-cyclic dimeric GMP regulates antimicrobial peptide resistance in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 2066-75	5.9	73
234	Draft Genome Sequence of <i>Klebsiella pneumoniae</i> Strain KP-1. <i>Genome Announcements</i> , <b>2013</b> , 1,		6
233	Draft genome sequence of the chronic, nonclonal cystic fibrosis isolate <i>Pseudomonas aeruginosa</i> strain 18A. <i>Genome Announcements</i> , <b>2013</b> , 1, e0000113		3
232	Permanent draft genome sequence of <i>Comamonas testosteroni</i> KF-1. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 239-54		9
231	Engineering PQS biosynthesis pathway for enhancement of bioelectricity production in <i>Pseudomonas aeruginosa</i> microbial fuel cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e63129	3.7	56
230	Relative contributions of <i>Vibrio</i> polysaccharide and quorum sensing to the resistance of <i>Vibrio cholerae</i> to predation by heterotrophic protists. <i>PLoS ONE</i> , <b>2013</b> , 8, e56338	3.7	25
229	Dynamic modelling of cell death during biofilm development. <i>Journal of Theoretical Biology</i> , <b>2012</b> , 295, 23-36	2.3	42
228	Minimal increase in genetic diversity enhances predation resistance. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1741-53.7	3.7	19
227	Biofilm dispersal cells of a cystic fibrosis <i>Pseudomonas aeruginosa</i> isolate exhibit variability in functional traits likely to contribute to persistent infection. <i>FEMS Immunology and Medical Microbiology</i> , <b>2012</b> , 66, 251-64		23
226	Biofilm shows spatially stratified metabolic responses to contaminant exposure. <i>Environmental Microbiology</i> , <b>2012</b> , 14, 2901-10	5.2	35
225	Functional equivalence and evolutionary convergence in complex communities of microbial sponge symbionts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E1878-87	11.5	261
224	<i>Phaeobacter gallaeciensis</i> genomes from globally opposite locations reveal high similarity of adaptation to surface life. <i>ISME Journal</i> , <b>2012</b> , 6, 2229-44	11.9	110
223	Cephalosporin-3?-diazoniumdiolates: Targeted NO-Donor Prodrugs for Dispersing Bacterial Biofilms. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 9191-9194	3.6	9
222	Cephalosporin-3Rdiazoniumdiolates: targeted NO-donor prodrugs for dispersing bacterial biofilms. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9057-60	16.4	116
221	The presence and role of bacterial quorum sensing in activated sludge. <i>Microbial Biotechnology</i> , <b>2012</b> , 5, 621-33	6.3	92
220	Molecular dynamics unlocks atomic level self-assembly of the exopolysaccharide matrix of water-treatment granular biofilms. <i>Biomacromolecules</i> , <b>2012</b> , 13, 1965-72	6.9	16
219	Glucose starvation-induced dispersal of <i>Pseudomonas aeruginosa</i> biofilms is cAMP and energy dependent. <i>PLoS ONE</i> , <b>2012</b> , 7, e42874	3.7	52
218	Metaproteogenomic analysis of a community of sponge symbionts. <i>ISME Journal</i> , <b>2012</b> , 6, 1515-25	11.9	99



217	Assessing the effectiveness of functional genetic screens for the identification of bioactive metabolites. <i>Marine Drugs</i> , <b>2012</b> , 11, 40-9	6	14
216	Community structure and functional gene profile of bacteria on healthy and diseased thalli of the red seaweed <i>Delisea pulchra</i> . <i>PLoS ONE</i> , <b>2012</b> , 7, e50854	3.7	59
215	Should we stay or should we go: mechanisms and ecological consequences for biofilm dispersal. <i>Nature Reviews Microbiology</i> , <b>2011</b> , 10, 39-50	22.2	550
214	Phylogenetic Screening of Metagenomic Libraries Using Homing Endonuclease Restriction and Marker Insertion <b>2011</b> , 245-249		
213	Identification of the antibacterial compound produced by the marine epiphytic bacterium <i>Pseudovibrio</i> sp. D323 and related sponge-associated bacteria. <i>Marine Drugs</i> , <b>2011</b> , 9, 1391-402	6	62
212	Genomes and virulence factors of novel bacterial pathogens causing bleaching disease in the marine red alga <i>Delisea pulchra</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e27387	3.7	75
211	Complete genome sequence of <i>Parvibaculum lavamentivorans</i> type strain (DS-1(T)). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 298-310		29
210	Temperature induced bacterial virulence and bleaching disease in a chemically defended marine macroalga. <i>Environmental Microbiology</i> , <b>2011</b> , 13, 529-37	5.2	101
209	Climate change and disease: bleaching of a chemically defended seaweed. <i>Global Change Biology</i> , <b>2011</b> , 17, 2958-2970	11.4	118
208	A polyphasic approach to the exploration of collagenolytic activity in the bacterial community associated with the marine sponge <i>Cymbastela concentrica</i> . <i>FEMS Microbiology Letters</i> , <b>2011</b> , 321, 24-9	2.9	5
207	In situ grazing resistance of <i>Vibrio cholerae</i> in the marine environment. <i>FEMS Microbiology Ecology</i> , <b>2011</b> , 76, 504-12	4.3	23
206	Functional genomic analysis of an uncultured $\epsilon$ proteobacterium in the sponge <i>Cymbastela concentrica</i> . <i>ISME Journal</i> , <b>2011</b> , 5, 427-35	11.9	41
205	Composition, uniqueness and variability of the epiphytic bacterial community of the green alga <i>Ulva australis</i> . <i>ISME Journal</i> , <b>2011</b> , 5, 590-600	11.9	254
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75	<sup>13</sup> C NMR study of N-acyl-S-homoserine lactone derivatives <b>1999</b> , 37, 157-158		3
74	Evidence that halogenated furanones from <i>Delisea pulchra</i> inhibit acylated homoserine lactone (AHL)-mediated gene expression by displacing the AHL signal from its receptor protein. <i>Microbiology (United Kingdom)</i> , <b>1999</b> , 145 ( Pt 2), 283-291	2.9	500

73	Nonculturability: adaptation or debilitation?. <i>FEMS Microbiology Ecology</i> , <b>1998</b> , 25, 1-9	4.3	190
72	Cycles of famine and feast: the starvation and outgrowth strategies of a marine <i>Vibrio</i> . <i>Journal of Biosciences</i> , <b>1998</b> , 23, 501-511	2.3	30
71	Chemical mediation of bacterial surface colonisation by secondary metabolites from the red alga <i>Delisea pulchra</i> . <i>Aquatic Microbial Ecology</i> , <b>1998</b> , 15, 233-246	1.1	194
70	Chemical inhibition of epibiota by Australian seaweeds. <i>Biofouling</i> , <b>1998</b> , 12, 227-244	3.3	75
69	Implications of rRNA operon copy number and ribosome content in the marine oligotrophic ultramicrobacterium <i>Sphingomonas</i> sp. strain RB2256. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 4433-8	4.8	133
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66	The starvation-stress response of. <i>Microbiology (United Kingdom)</i> , <b>1997</b> , 143, 2305-2312	2.9	30
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61	Do marine natural products interfere with prokaryotic AHL regulatory systems?. <i>Aquatic Microbial Ecology</i> , <b>1997</b> , 13, 85-93	1.1	111
60	Construction and use of a new vector/transposon, pLBT::mim-Tn10:lac:kan, to identify environmentally responsive genes in a marine bacterium. <i>FEMS Microbiology Letters</i> , <b>1996</b> , 140, 287-294	2.9	13
59	Stress resistance and recovery potential of culturable and viable but nonculturable cells of <i>Vibrio vulnificus</i> . <i>Microbiology (United Kingdom)</i> , <b>1996</b> , 142 ( Pt 4), 845-853	2.9	79
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9	<i>Pseudomonas aeruginosa</i> : A Model for Biofilm Formation 215-253		8
8	Quorum-Sensing Inhibition 393-416		6
7	Adaptive Responses of <i>Vibrios</i> 133-155		10
6	Inhibition of algal spore germination by the marine bacterium <i>Pseudoalteromonas tunicata</i>		3
5	Nonculturability: adaptation or debilitation?		15
4	Cyclic-di-GMP is required for corneal infection by <i>Pseudomonas aeruginosa</i> and modulates host immunity		1
3	The biofilm matrix scaffold of <i>Pseudomonas</i> species contains non-canonically base paired extracellular DNA and RNA		3
2	Isolation of a putative S-layer protein from anammox biofilm extracellular matrix using ionic liquid extraction		2

- 1 Bioprospecting Novel Antifoulants and Anti-Biofilm Agents from Microbes 405-412