

John P Bowman

List of Publications by Year in descending order

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197
papers

14,742
citations

18887

64
h-index

25230

113
g-index

238
all docs

238
docs citations

238
times ranked

15656
citing authors

#	ARTICLE	IF	CITATIONS
1	Early flower development in Arabidopsis.. Plant Cell, 1990, 2, 755-767.	3.1	1,979
2	Proposed minimal standards for describing new taxa of the family Flavobacteriaceae and emended description of the family. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 1049-1070.	0.8	654
3	Distinct Mechanisms Promote Polarity Establishment in Carpels of Arabidopsis. Cell, 1999, 99, 199-209.	13.5	359
4	Bioactive Compound Synthetic Capacity and Ecological Significance of Marine Bacterial Genus Pseudoalteromonas. Marine Drugs, 2007, 5, 220-241.	2.2	316
5	Biodiversity, Community Structural Shifts, and Biogeography of Prokaryotes within Antarctic Continental Shelf Sediment. Applied and Environmental Microbiology, 2003, 69, 2463-2483.	1.4	308
6	Bacterial Exopolysaccharides from Extreme Marine Environments with Special Consideration of the Southern Ocean, Sea Ice, and Deep-Sea Hydrothermal Vents: A Review. Marine Biotechnology, 2005, 7, 253-271.	1.1	291
7	Auxin-Dependent Patterning and Gamete Specification in the <i>Arabidopsis</i> Female Gametophyte. Science, 2009, 324, 1684-1689.	6.0	252
8	Algoriphagus ratkowskyi gen. nov., sp. nov., Brumimicrobium glaciale gen. nov., sp. nov., Cryomorpha ignava gen. nov., sp. nov. and Crocinitomix catalasitica gen. nov., sp. nov., novel flavobacteria isolated from various polar habitats. International Journal of Systematic and Evolutionary Microbiology, 2003, 53, 1343-1355.	0.8	229
9	The Genus Flavobacterium. , 2006, , 481-531.		228
10	Algicidal Effects of a Novel Marine <i>Pseudoalteromonas</i> Isolate (Class <i>Proteobacteria</i> ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Gymnodinium</i> , and <i>Heterosigma</i>. Applied and Environmental Microbiology, 1998, 64, 2806-2813.	1.4	225
11	A molecular phylogenetic survey of sea-ice microbial communities (SIMCO). FEMS Microbiology Ecology, 2001, 35, 267-275.	1.3	200
12	Psychroflexus torquis gen. nov., sp. nov. a psychrophilic species from Antarctic sea ice, and reclassification of Flavobacterium gondwanense (Dobson et al. 1993) as Psychroflexus gondwanense gen. nov., comb. nov.. Microbiology (United Kingdom), 1998, 144, 1601-1609.	0.7	199
13	Effects of biochar and compost amendments on soil physico-chemical properties and the total community within a temperate agricultural soil. Applied Soil Ecology, 2016, 98, 243-253.	2.1	199
14	Production of exopolysaccharides by Antarctic marine bacterial isolates. Journal of Applied Microbiology, 2004, 96, 1057-1066.	1.4	198
15	Novel members of the family Flavobacteriaceae from Antarctic maritime habitats including Subsaximicrobium wynnwilliamsii gen. nov., sp. nov., Subsaximicrobium saxinquilinus sp. nov., Subsaxibacter broadyi gen. nov., sp. nov., Lacinutrix copepodicola gen. nov., sp. nov., and novel species of the genera Bizionia, Gelidibacter and Gillisia. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1471-1486.	0.8	191
16	Characterization of Ferroplasma Isolates and Ferroplasma acidarmanus sp. nov., Extreme Acidophiles from Acid Mine Drainage and Industrial Bioleaching Environments. Applied and Environmental Microbiology, 2004, 70, 2079-2088.	1.4	186
17	Information systems in food safety management. International Journal of Food Microbiology, 2006, 112, 181-194.	2.1	175
18	Ecological and biogeographic relationships of class Flavobacteria in the Southern Ocean. FEMS Microbiology Ecology, 2005, 51, 265-277.	1.3	173

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19	<i>Methylosphaera hansonii</i> gen. nov., sp. nov., a psychrophilic, group I methanotroph from Antarctic marine-salinity, meromictic lakes. <i>Microbiology (United Kingdom)</i> , 1997, 143, 1451-1459.	0.7	170
20	Chemical Characterization of Exopolysaccharides from Antarctic Marine Bacteria. <i>Microbial Ecology</i> , 2005, 49, 578-589.	1.4	164
21	Diversity and community structure within anoxic sediment from marine salinity meromictic lakes and a coastal meromictic marine basin, Vestfold Hills, Eastern Antarctica. <i>Environmental Microbiology</i> , 2000, 2, 227-237.	1.8	163
22	Phospholipid fatty acid and lipopolysaccharide fatty acid signature lipids in methane-utilizing bacteria. <i>FEMS Microbiology Letters</i> , 1991, 85, 15-22.	0.7	157
23	Evaluating contribution of ionic, osmotic and oxidative stress components towards salinity tolerance in barley. <i>BMC Plant Biology</i> , 2014, 14, 113.	1.6	152
24	4 Molecular Genetics of Gynoecium Development in Arabidopsis. <i>Current Topics in Developmental Biology</i> , 1999, 45, 155-205.	1.0	150
25	Soluble Methane Monooxygenase Production and Trichloroethylene Degradation by a Type I Methanotroph, <i>Methylomonas methanica</i> 68-1. <i>Applied and Environmental Microbiology</i> , 1993, 59, 960-967.	1.4	150
26	Algicidal bacteria associated with blooms of a toxic dinoflagellate in a temperate Australian estuary. <i>Marine Ecology - Progress Series</i> , 2002, 244, 1-15.	0.9	146
27	Variability in biofilm production by <i>Listeria monocytogenes</i> correlated to strain origin and growth conditions. <i>International Journal of Food Microbiology</i> , 2011, 150, 14-24.	2.1	143
28	<i>Colwellia demingiae</i> sp. nov., <i>Colwellia hornerae</i> sp. nov., <i>Colwellia rossensis</i> sp. nov. and <i>Colwellia psychrotropica</i> sp. nov.: psychrophilic Antarctic species with the ability to synthesize docosahexaenoic acid (22:Å63). <i>International Journal of Systematic Bacteriology</i> , 1998, 48, 1171-1180.	2.8	142
29	The Phylogenetic Position of the Family Methylococcaceae. <i>International Journal of Systematic Bacteriology</i> , 1995, 45, 182-185.	2.8	140
30	<i>Arcobacter halophilus</i> sp. nov., the first obligate halophile in the genus <i>Arcobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 1271-1277.	0.8	139
31	Pyrosequencing-based characterization of gastrointestinal bacteria of Atlantic salmon (<i>Salmo</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 131	1.4	131
32	Evolutionary conservation of angiosperm flower development at the molecular and genetic levels. <i>Journal of Biosciences</i> , 1997, 22, 515-527.	0.5	128
33	<i>Desulfosporosinus meridiei</i> sp. nov., a spore-forming sulfate-reducing bacterium isolated from gasoline-contaminated groundwater.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2001, 51, 133-140.	0.8	126
34	Molecular evidence for bicontinental hybridogenous genomic constitution in <i>Lepidium</i> sensu stricto (Brassicaceae) species from Australia and New Zealand. <i>American Journal of Botany</i> , 2004, 91, 254-261.	0.8	122
35	Developments with Antarctic microorganisms: culture collections, bioactivity screening, taxonomy, PUFA production and cold-adapted enzymes. <i>Current Opinion in Biotechnology</i> , 1999, 10, 240-246.	3.3	121
36	The microbial composition of three limnologically disparate hypersaline Antarctic lakes. <i>FEMS Microbiology Letters</i> , 2000, 183, 81-88.	0.7	121

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37	Prokaryotic Metabolic Activity and Community Structure in Antarctic Continental Shelf Sediments. <i>Applied and Environmental Microbiology</i> , 2003, 69, 2448-2462.	1.4	117
38	<i>Methanobrevibacter millerae</i> sp. nov. and <i>Methanobrevibacter olleyae</i> sp. nov., methanogens from the ovine and bovine rumen that can utilize formate for growth. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 450-456.	0.8	117
39	Using Real-Time PCR to Assess Changes in the Hydrocarbon-Degrading Microbial Community in Antarctic Soil During Bioremediation. <i>Microbial Ecology</i> , 2006, 52, 523-532.	1.4	115
40	Ion transport and osmotic adjustment in <i>Escherichia coli</i> in response to ionic and non-ionic osmotica. <i>Environmental Microbiology</i> , 2009, 11, 137-148.	1.8	113
41	Atlantic Salmon (<i>Salmo salar</i> L.) Gastrointestinal Microbial Community Dynamics in Relation to Digesta Properties and Diet. <i>Microbial Ecology</i> , 2016, 71, 589-603.	1.4	113
42	Bacterial diversity in organically-enriched fish farm sediments. <i>FEMS Microbiology Ecology</i> , 2006, 55, 48-56.	1.3	110
43	Microbial community variation in pristine and polluted nearshore Antarctic sediments. <i>FEMS Microbiology Ecology</i> , 2003, 45, 135-145.	1.3	108
44	<i>Marinobacter algicola</i> sp. nov., isolated from laboratory cultures of paralytic shellfish toxin-producing dinoflagellates. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 523-527.	0.8	108
45	<i>Psychrobacter glacincola</i> sp. nov., a Halotolerant, Psychrophilic Bacterium Isolated from Antarctic Sea Ice. <i>Systematic and Applied Microbiology</i> , 1997, 20, 209-215.	1.2	106
46	The effect of diet and environmental temperature on the faecal microbiota of farmed Tasmanian Atlantic Salmon (<i>Salmo salar</i> L.). <i>Aquaculture Research</i> , 2016, 47, 660-672.	0.9	105
47	Effects of Incubation Temperature on Growth and Production of Exopolysaccharides by an Antarctic Sea Ice Bacterium Grown in Batch Culture. <i>Applied and Environmental Microbiology</i> , 2005, 71, 3519-3523.	1.4	103
48	Sublithic bacteria associated with Antarctic quartz stones. <i>Antarctic Science</i> , 2000, 12, 177-184.	0.5	98
49	The future of predictive microbiology: Strategic research, innovative applications and great expectations. <i>International Journal of Food Microbiology</i> , 2008, 128, 2-9.	2.1	97
50	Molecular analysis of the bacterial communities in the live Pacific oyster (<i>Crassostrea gigas</i>) and the influence of postharvest temperature on its structure. <i>Journal of Applied Microbiology</i> , 2012, 112, 1134-1143.	1.4	94
51	Sterols in a psychrophilic methanotroph, <i>Methylosphaera hansonii</i> . <i>FEMS Microbiology Letters</i> , 2000, 186, 193-195.	0.7	88
52	Differential gene expression of <i>Listeria monocytogenes</i> during high hydrostatic pressure processing. <i>Microbiology (United Kingdom)</i> , 2008, 154, 462-475.	0.7	87
53	Extensive Gene Acquisition in the Extremely Psychrophilic Bacterial Species <i>Psychroflexus torquis</i> and the Link to Sea-Ice Ecosystem Specialism. <i>Genome Biology and Evolution</i> , 2014, 6, 133-148.	1.1	87
54	Colonization and community dynamics of class Flavobacteria on diatom detritus in experimental mesocosms based on Southern Ocean seawater. <i>FEMS Microbiology Ecology</i> , 2005, 53, 379-391.	1.3	85

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55	Novel Biocontrol Methods for <i>Listeria monocytogenes</i> Biofilms in Food Production Facilities. <i>Frontiers in Microbiology</i> , 2018, 9, 605.	1.5	85
56	<i>Sphingomonas alaskensis</i> Strain AFO1, an Abundant Oligotrophic Ultramicrobacterium from the North Pacific. <i>Applied and Environmental Microbiology</i> , 2001, 67, 4945-4954.	1.4	82
57	<i>Aequorivita</i> gen. nov., a member of the family Flavobacteriaceae isolated from terrestrial and marine Antarctic habitats. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1533-1541.	0.8	82
58	Integrated Transcriptomic and Proteomic Analysis of the Physiological Response of <i>Escherichia coli</i> O157:H7 Sakai to Steady-state Conditions of Cold and Water Activity Stress. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.009019.	2.5	81
59	Bacterial community shifts in organically perturbed sediments. <i>Environmental Microbiology</i> , 2007, 9, 46-60.	1.8	77
60	Characterisation of the Transcriptomes of Genetically Diverse <i>Listeria monocytogenes</i> Exposed to Hyperosmotic and Low Temperature Conditions Reveal Global Stress-Adaptation Mechanisms. <i>PLoS ONE</i> , 2013, 8, e73603.	1.1	75
61	<i>Halococcus hamelinensis</i> sp. nov., a novel halophilic archaeon isolated from stromatolites in Shark Bay, Australia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1323-1329.	0.8	73
62	<i>Aequorivita</i> gen. nov., a member of the family Flavobacteriaceae isolated from terrestrial and marine Antarctic habitats. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1533-1541.	0.8	71
63	Microbial Ecology of Atlantic Salmon (<i>Salmo salar</i>) Hatcheries: Impacts of the Built Environment on Fish Mucosal Microbiota. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	71
64	Assessment of bacterial community composition, methanotrophic and nitrogen-cycling bacteria in three soils with different biochar application rates. <i>Journal of Soils and Sediments</i> , 2018, 18, 148-158.	1.5	70
65	<i>Psychroflexus tropicus</i> sp. nov., an obligately halophilic Cytophaga-like Flavobacterium-like Bacteroides group bacterium from an Hawaiian hypersaline lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 935-940.	0.8	69
66	<i>Olleya marilimosa</i> gen. nov., sp. nov., an exopolysaccharide-producing marine bacterium from the family Flavobacteriaceae, isolated from the Southern Ocean. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005, 55, 1557-1561.	0.8	66
67	Salmonid gill bacteria and their relationship to amoebic gill disease. <i>Journal of Fish Diseases</i> , 2004, 27, 483-492.	0.9	61
68	The effect of biochar loading rates on soil fertility, soil biomass, potential nitrification, and soil community metabolic profiles in three different soils. <i>Journal of Soils and Sediments</i> , 2016, 16, 2211-2222.	1.5	60
69	<i>Shewanella olleyana</i> sp. nov., a marine species isolated from a temperate estuary which produces high levels of polyunsaturated fatty acids. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 2101-2106.	0.8	59
70	<i>Leeuwenhoekiella blandensis</i> sp. nov., a genome-sequenced marine member of the family Flavobacteriaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 1489-1493.	0.8	57
71	Evolutionary Changes in Floral Structure within <i>Lepidium</i> L. (Brassicaceae). <i>International Journal of Plant Sciences</i> , 1999, 160, 917-929.	0.6	56
72	The Marine Clade of the Family Flavobacteriaceae: The Genera <i>Aequorivita</i> , <i>Arenibacter</i> , <i>Cellulophaga</i> , <i>Croceibacter</i> , <i>Formosa</i> , <i>Gelidibacter</i> , <i>Gillisia</i> , <i>Maribacter</i> , <i>Mesonia</i> , <i>Muricauda</i> , <i>Polaribacter</i> , <i>Psychroflexus</i> , <i>Psychroserpens</i> , <i>Robiginitalea</i> , <i>Salegentibacter</i> , <i>Tenacibaculum</i> , <i>Ulvibacter</i> , <i>Vitellibacter</i> and <i>Zobellia</i> . , 2006, , 677-694.		56

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73	<i>Shewanella olleyana</i> sp. nov., a marine species isolated from a temperate estuary which produces high levels of polyunsaturated fatty acids.. International Journal of Systematic and Evolutionary Microbiology, 2002, 52, 2101-2106.	0.8	55
74	<i>Shewanella pacifica</i> sp. nov., a polyunsaturated fatty acid-producing bacterium isolated from sea water. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 1083-1087.	0.8	54
75	Isolation and characterization of two novel ethanol-tolerant facultative-anaerobic thermophilic bacteria strains from waste compost. Extremophiles, 2006, 10, 363-372.	0.9	54
76	The Biokinetic Spectrum for Temperature. PLoS ONE, 2016, 11, e0153343.	1.1	52
77	<i>Loktanella agnita</i> sp. nov. and <i>Loktanella rosea</i> sp. nov., from the north-west Pacific Ocean. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 2203-2207.	0.8	51
78	Light-stimulated growth of proteorhodopsin-bearing sea-ice psychrophile <i>Psychroflexus torquis</i> is salinity dependent. ISME Journal, 2013, 7, 2206-2213.	4.4	51
79	<i>Erythrobacter vulgaris</i> sp. nov., a novel organism isolated from the marine invertebrates. Systematic and Applied Microbiology, 2005, 28, 123-130.	1.2	49
80	Investigation of the <i>Listeria monocytogenes</i> Scott A Acid Tolerance Response and Associated Physiological and Phenotypic Features via Whole Proteome Analysis. Journal of Proteome Research, 2012, 11, 2409-2426.	1.8	48
81	Alteromonadales ord. nov., 2005, , 443-491.		46
82	Culturable microbiota of ranched southern bluefin tuna (<i>Thunnus maccoyii</i> Castelnau). Journal of Applied Microbiology, 2013, 115, 923-932.	1.4	46
83	Global Genome Response of <i>Escherichia coli</i> O157:H7 Sakai during Dynamic Changes in Growth Kinetics Induced by an Abrupt Downshift in Water Activity. PLoS ONE, 2014, 9, e90422.	1.1	46
84	<i>Alteromonas addita</i> sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 1065-1068.	0.8	46
85	The importance of soil characteristics to the structure of alkane-degrading bacterial communities on sub-Antarctic Macquarie Island. Soil Biology and Biochemistry, 2010, 42, 2012-2021.	4.2	45
86	Predictive Models for the Effect of Storage Temperature on <i>Vibrio parahaemolyticus</i> Viability and Counts of Total Viable Bacteria in Pacific Oysters (<i>Crassostrea gigas</i>). Applied and Environmental Microbiology, 2011, 77, 8687-8695.	1.4	45
87	Salinity and fish age affect the gut microbiota of farmed Chinook salmon (<i>Oncorhynchus tshawytscha</i>). PLoS ONE, 2014, 9, e0107441.	1.7	45
88	Human Infection with <i>Halomonas venusta</i> following Fish Bite. Journal of Clinical Microbiology, 2000, 38, 3123-3124.	1.8	44
89	A comparison of the short term effects of diesel fuel and lubricant oils on Antarctic benthic microbial communities. Journal of Experimental Marine Biology and Ecology, 2005, 322, 53-65.	0.7	42
90	The Genus <i>Psychrobacter</i> . , 2006, , 920-930.		41

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91	Transcriptomic and Phenotypic Responses of <i>Listeria monocytogenes</i> Strains Possessing Different Growth Efficiencies under Acidic Conditions. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4836-4850.	1.4	41
92	Genomic Analysis of Psychrophilic Prokaryotes. , 2008, , 265-284.		40
93	Dark metabolism: a molecular insight into how the Antarctic sea-ice diatom <i>Fragilariopsis cylindrus</i> survives long-term darkness. <i>New Phytologist</i> , 2019, 223, 675-691.	3.5	40
94	Population Dynamics of <i>Vibrio</i> and <i>Pseudomonas</i> Species Isolated from Farmed Tasmanian Atlantic Salmon (<i>Salmo salar</i> L.): A Seasonal Study. <i>Microbial Ecology</i> , 2014, 68, 679-687.	1.4	39
95	Effect of abattoir, livestock species and storage temperature on bacterial community dynamics and sensory properties of vacuum packaged red meat. <i>Food Microbiology</i> , 2021, 94, 103648.	2.1	39
96	Protein Thermodynamics Can Be Predicted Directly from Biological Growth Rates. <i>PLoS ONE</i> , 2014, 9, e96100.	1.1	39
97	<i>Shewanella affinis</i> sp. nov., isolated from marine invertebrates. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004, 54, 1089-1093.	0.8	38
98	Use of gene probes to assess the impact and effectiveness of aerobic in situ bioremediation of TCE. <i>Archives of Microbiology</i> , 2009, 191, 221-232.	1.0	38
99	Impact of Lactose Starvation on the Physiology of <i>Lactobacillus casei</i> GCRL163 in the Presence or Absence of Tween 80. <i>Journal of Proteome Research</i> , 2013, 12, 5313-5322.	1.8	37
100	Culture-dependent and culture-independent assessment of spoilage community growth on VP lamb meat from packaging to past end of shelf-life. <i>Food Microbiology</i> , 2017, 68, 71-80.	2.1	37
101	Optimization and maintenance of soluble methane monooxygenase activity in <i>Methylosinus trichosporium</i> OB3b. <i>Biodegradation</i> , 1994, 5, 1-11.	1.5	37
102	Investigation and optimization of a passively operated compost-based system for remediation of acidic, highly iron- and sulfate-rich industrial waste water. <i>Water Research</i> , 2009, 43, 2302-2316.	5.3	35
103	Changes of the bacterial community diversity on chicken carcasses through an Australian poultry processing line. <i>Food Microbiology</i> , 2020, 86, 103350.	2.1	35
104	Out From the Shadows – Resolution of the Taxonomy of the Family Cryomorphaceae. <i>Frontiers in Microbiology</i> , 2020, 11, 795.	1.5	34
105	<i>Methylomonas fodinarum</i> sp. nov. and <i>Methylomonas aurantiaca</i> sp. nov.: Two Closely Related Type I Obligate Methanotrophs. <i>Systematic and Applied Microbiology</i> , 1990, 13, 279-287.	1.2	33
106	Occurrence and significance of long-chain (ω -1)-hydroxy fatty acids in methane-utilizing bacteria. <i>Organic Geochemistry</i> , 1992, 18, 189-194.	0.9	33
107	Molecular site assessment and process monitoring in bioremediation and natural attenuation. <i>Applied Biochemistry and Biotechnology</i> , 1995, 54, 277-290.	1.4	32
108	Biogeographic and Quantitative Analyses of Abundant Uncultivated β -Proteobacterial Clades from Marine Sediment. <i>Microbial Ecology</i> , 2005, 49, 451-460.	1.4	32

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109	Salegentibacter flavus sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 583-586.	0.8	32
110	Biodiversity and ecophysiology of bacteria associated with Antarctic sea ice. Antarctic Science, 1997, 9, 134-142.	0.5	30
111	Effect of abattoir and cut on variations in microbial communities of vacuum-packaged beef. Meat Science, 2017, 131, 34-39.	2.7	29
112	Stromatolites on the rise in peat-bound karstic wetlands. Scientific Reports, 2017, 7, 15384.	1.6	28
113	Genomics of Psychrophilic Bacteria and Archaea. , 2017, , 345-387.		28
114	The Family Cryomorphaceae. , 2014, , 539-550.		28
115	Methanotrophic TCE Biodegradation in a Multi-Stage Bioreactor. Environmental Science & Technology, 1995, 29, 2073-2082.	4.6	26
116	Understanding bacterial communities for informed biosecurity and improved larval survival in Pacific oysters. Aquaculture, 2018, 497, 164-173.	1.7	26
117	Nesiotobacter exalbescens gen. nov., sp. nov., a moderately thermophilic alphaproteobacterium from an Hawaiian hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 563-567.	0.8	25
118	<i>Salmonella enterica</i> in Mexico 2000–2017: Epidemiology, Antimicrobial Resistance, and Prevalence in Food. Foodborne Pathogens and Disease, 2020, 17, 98-118.	0.8	25
119	Utility of gel-free, label-free shotgun proteomics approaches to investigate microorganisms. Applied Microbiology and Biotechnology, 2011, 90, 407-416.	1.7	24
120	Application of chlorine dioxide and peroxyacetic acid during spray chilling as a potential antimicrobial intervention for beef carcasses. Food Microbiology, 2020, 87, 103355.	2.1	23
121	Effects of feed ration and temperature on Chinook salmon (<i>Oncorhynchus tshawytscha</i>) microbiota in freshwater recirculating aquaculture systems. Aquaculture, 2021, 543, 736965.	1.7	23
122	Proposal of <i>Xanthomonas translucens</i> pv. <i>pistaciae</i> pv. nov., pathogenic to pistachio (<i>Pistacia vera</i>). Systematic and Applied Microbiology, 2009, 32, 549-557.	1.2	22
123	Expressing AtNHX1 in barley (<i>Hordium vulgare</i> L.) does not improve plant performance under saline conditions. Plant Growth Regulation, 2015, 77, 289-297.	1.8	22
124	Revised Taxonomy of the Methanotrophs: Description of <i>Methylobacter</i> gen. nov., Emendation of <i>Methylococcus</i> , Validation of <i>Methylosinus</i> and <i>Methylocystis</i> Species, and a Proposal that the Family Methylococcaceae Includes Only the Group I Methanotrophs. International Journal of Systematic Bacteriology, 1994, 44, 375-375.	2.8	21
125	Physiological Response of <i>Escherichia coli</i> O157:H7 Sakai to Dynamic Changes in Temperature and Water Activity as Experienced during Carcass Chilling. Molecular and Cellular Proteomics, 2016, 15, 3331-3347.	2.5	21
126	Expressing <i>Arabidopsis thaliana</i> V-ATPase subunit C in barley (<i>Hordeum vulgare</i>) improves plant performance under saline condition by enabling better osmotic adjustment. Functional Plant Biology, 2017, 44, 1147.	1.1	21

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127	Molecules and morphology: comparative developmental genetics of the Brassicaceae. <i>Plant Systematics and Evolution</i> , 2006, 259, 199-215.	0.3	20
128	MudPIT analysis of alkaline tolerance by <i>Listeria monocytogenes</i> strains recovered as persistent food factory contaminants. <i>Food Microbiology</i> , 2012, 30, 187-196.	2.1	20
129	Control of microbes on barley grains using peroxyacetic acid and electrolysed water as antimicrobial agents. <i>Food Microbiology</i> , 2018, 76, 103-109.	2.1	20
130	InÂvitro characteristics of an Atlantic salmon (<i>Salmo salar</i> L.) hind gut microbial community in relation to different dietary treatments. <i>Research in Microbiology</i> , 2017, 168, 751-759.	1.0	19
131	Degradation of nonane by bacteria from Antarctic marine sediment. <i>Polar Biology</i> , 2004, 27, 573.	0.5	18
132	The fungal community structure of barley malts from diverse geographical regions correlates with malt quality parameters. <i>International Journal of Food Microbiology</i> , 2015, 215, 71-78.	2.1	18
133	Characterisation of <i>Listeria monocytogenes</i> food-associated isolates to assess environmental fitness and virulence potential. <i>International Journal of Food Microbiology</i> , 2021, 350, 109247.	2.1	18
134	Flavobacterial response to organic pollution. <i>Aquatic Microbial Ecology</i> , 2008, 51, 31-43.	0.9	17
135	Optimisation of one-tube PCR-ELISA to detect femtogram amounts of genomic DNA. <i>Journal of Microbiological Methods</i> , 2002, 51, 163-170.	0.7	16
136	Combined Cytotoxicity of the Phycotoxin Okadaic Acid and Mycotoxins on Intestinal and Neuroblastoma Human Cell Models. <i>Toxins</i> , 2018, 10, 526.	1.5	16
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