

Paul B Rainey

List of Publications by Year in descending order

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147
papers

17,026
citations

15504
65
h-index

16650
123
g-index

172
all docs

172
docs citations

172
times ranked

14444
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive radiation in a heterogeneous environment. <i>Nature</i> , 1998, 394, 69-72.	27.8	1,099
2	Adaptive evolution of highly mutable loci in pathogenic bacteria. <i>Current Biology</i> , 1994, 4, 24-33.	3.9	719
3	Experimental evolution of bet hedging. <i>Nature</i> , 2009, 462, 90-93.	27.8	571
4	Challenges in microbial ecology: building predictive understanding of community function and dynamics. <i>ISME Journal</i> , 2016, 10, 2557-2568.	9.8	570
5	Antagonistic coevolution between a bacterium and a bacteriophage. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 931-936.	2.6	545
6	Evolution of cooperation and conflict in experimental bacterial populations. <i>Nature</i> , 2003, 425, 72-74.	27.8	502
7	Evolution of species interactions in a biofilm community. <i>Nature</i> , 2007, 445, 533-536.	27.8	460
8	Automated Reconstruction of Whole-Genome Phylogenies from Short-Sequence Reads. <i>Molecular Biology and Evolution</i> , 2014, 31, 1077-1088.	8.9	399
9	Biofilm formation at the air-liquid interface by the <i>Pseudomonas fluorescens</i> SBW25 wrinkly spreader requires an acetylated form of cellulose. <i>Molecular Microbiology</i> , 2003, 50, 15-27.	2.5	393
10	Big questions, small worlds: microbial model systems in ecology. <i>Trends in Ecology and Evolution</i> , 2004, 19, 189-197.	8.7	387
11	Autolysis and Autoaggregation in <i>Pseudomonas aeruginosa</i> Colony Morphology Mutants. <i>Journal of Bacteriology</i> , 2002, 184, 6481-6489.	2.2	380
12	Genomic and genetic analyses of diversity and plant interactions of <i>Pseudomonas fluorescens</i> . <i>Genome Biology</i> , 2009, 10, R51.	9.6	370
13	Adaptation of <i>Pseudomonas fluorescens</i> to the plant rhizosphere. <i>Environmental Microbiology</i> , 1999, 1, 243-257.	3.8	354
14	Diversity peaks at intermediate productivity in a laboratory microcosm. <i>Nature</i> , 2000, 406, 508-512.	27.8	308
15	Disturbance and diversity in experimental microcosms. <i>Nature</i> , 2000, 408, 961-964.	27.8	276
16	The causes of <i>Pseudomonas</i> diversity. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2345-2350.	1.8	276
17	The role of parasites in sympatric and allopatric host diversification. <i>Nature</i> , 2002, 420, 496-499.	27.8	257
18	Adaptive Divergence in Experimental Populations of <i>Pseudomonas fluorescens</i> . I. Genetic and Phenotypic Bases of Wrinkly Spreader Fitness. <i>Genetics</i> , 2002, 161, 33-46.	2.9	257

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19	Role of the GGDEF regulator PleD in polar development of <i>Caulobacter crescentus</i> . <i>Molecular Microbiology</i> , 2003, 47, 1695-1708.	2.5	255
20	Genomic Analysis of the Kiwifruit Pathogen <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> Provides Insight into the Origins of an Emergent Plant Disease. <i>PLoS Pathogens</i> , 2013, 9, e1003503.	4.7	247
21	Immigration history controls diversification in experimental adaptive radiation. <i>Nature</i> , 2007, 446, 436-439.	27.8	218
22	Physical and genetic map of the <i>Pseudomonas fluorescens</i> SBW25 chromosome. <i>Molecular Microbiology</i> , 1996, 19, 521-533.	2.5	205
23	Quantitative and qualitative seasonal changes in the microbial community from the phyllosphere of sugar beet (<i>Beta vulgaris</i>). <i>Plant and Soil</i> , 1993, 150, 177-191.	3.7	191
24	Type III secretion in plant growth-promoting <i>Pseudomonas fluorescens</i> SBW25. <i>Molecular Microbiology</i> , 2008, 41, 999-1014.	2.5	190
25	The Ecology and Genetics of Microbial Diversity. <i>Annual Review of Microbiology</i> , 2004, 58, 207-231.	7.3	178
26	Life cycles, fitness decoupling and the evolution of multicellularity. <i>Nature</i> , 2014, 515, 75-79.	27.8	176
27	The emergence and maintenance of diversity: insights from experimental bacterial populations. <i>Trends in Ecology and Evolution</i> , 2000, 15, 243-247.	8.7	171
28	Structure determination of tolaasin, an extracellular lipodepsipeptide produced by the mushroom pathogen, <i>Pseudomonas tolaasii</i> Paine. <i>Journal of the American Chemical Society</i> , 1991, 113, 2621-2627.	13.7	164
29	The evolution of a pleiotropic fitness tradeoff in <i>Pseudomonas fluorescens</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8072-8077.	7.1	156
30	Spatial distribution of microbial communities in the cystic fibrosis lung. <i>ISME Journal</i> , 2012, 6, 471-474.	9.8	156
31	Adaptive Divergence in Experimental Populations of <i>Pseudomonas fluorescens</i> . III. Mutational Origins of Wrinkly Spreader Diversity. <i>Genetics</i> , 2007, 176, 441-453.	2.9	150
32	Genes encoding a cellulosic polymer contribute toward the ecological success of <i>Pseudomonas fluorescens</i> SBW25 on plant surfaces. <i>Molecular Ecology</i> , 2003, 12, 3109-3121.	3.9	144
33	Clinical utilization of genomics data produced by the international <i>Pseudomonas aeruginosa</i> consortium. <i>Frontiers in Microbiology</i> , 2015, 6, 1036.	3.5	144
34	Unraveling the Secret Lives of Bacteria: Use of In Vivo Expression Technology and Differential Fluorescence Induction Promoter Traps as Tools for Exploring Niche-Specific Gene Expression. <i>Microbiology and Molecular Biology Reviews</i> , 2005, 69, 217-261.	6.6	138
35	Adaptive Divergence in Experimental Populations of <i>Pseudomonas fluorescens</i> . IV. Genetic Constraints Guide Evolutionary Trajectories in a Parallel Adaptive Radiation. <i>Genetics</i> , 2009, 183, 1041-1053.	2.9	137
36	The <i>Pseudomonas fluorescens</i> SBW25 wrinkly spreader biofilm requires attachment factor, cellulose fibre and LPS interactions to maintain strength and integrity. <i>Microbiology (United Kingdom)</i> , 2005, 151, 2829-2839.	1.8	130

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37	The effect of a bacteriophage on diversification of the opportunistic bacterial pathogen, <i>Pseudomonas aeruginosa</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1385-1391.	2.6	129
38	Site directed chromosomal marking of a fluorescent pseudomonad isolated from the phytosphere of sugar beet; stability and potential for marker gene transfer.. <i>Molecular Ecology</i> , 1995, 4, 755-764.	3.9	127
39	Population mixing accelerates coevolution. <i>Ecology Letters</i> , 2003, 6, 975-979.	6.4	127
40	Biological properties and spectrum of activity of tolaasin, a lipodepsipeptide toxin produced by the mushroom pathogen <i>Pseudomonas tolaasii</i> . <i>Physiological and Molecular Plant Pathology</i> , 1991, 39, 57-70.	2.5	122
41	Detecting Linkage Disequilibrium in Bacterial Populations. <i>Genetics</i> , 1998, 150, 1341-1348.	2.9	120
42	Does variation of sex ratio enhance reproductive success of offspring in tawny owls (<i>Strix aluco</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1111-1116.	2.6	116
43	<i>Pseudomonas aeruginosa</i> Exhibits Frequent Recombination, but Only a Limited Association between Genotype and Ecological Setting. <i>PLoS ONE</i> , 2012, 7, e44199.	2.5	114
44	Mechanisms linking diversity, productivity and invasibility in experimental bacterial communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2277-2283.	2.6	112
45	The PIN-domain toxin antitoxin array in mycobacteria. <i>Trends in Microbiology</i> , 2005, 13, 360-365.	7.7	111
46	Evolution of copper resistance in the kiwifruit pathogen <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> through acquisition of integrative conjugative elements and plasmids. <i>Environmental Microbiology</i> , 2017, 19, 819-832.	3.8	106
47	Origin and Evolution of the Kiwifruit Canker Pandemic. <i>Genome Biology and Evolution</i> , 2017, 9, 932-944.	2.5	106
48	The effect of spatial heterogeneity and parasites on the evolution of host diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 107-111.	2.6	105
49	Adaptive Divergence in Experimental Populations of <i>Pseudomonas fluorescens</i> . II. Role of the GGDEF Regulator WspR in Evolution and Development of the Wrinkly Spreader Phenotype. <i>Genetics</i> , 2006, 173, 515-526.	2.9	104
50	Experimental evolution reveals hidden diversity in evolutionary pathways. <i>ELife</i> , 2015, 4, .	6.0	104
51	The biosurfactant viscosin produced by <i>Pseudomonas fluorescens</i> SBW25 aids spreading motility and plant growth promotion. <i>Environmental Microbiology</i> , 2014, 16, 2267-2281.	3.8	103
52	Case Studies of the Spatial Heterogeneity of DNA Viruses in the Cystic Fibrosis Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 127-131.	2.9	102
53	The Upper Respiratory Tract as a Microbial Source for Pulmonary Infections in Cystic Fibrosis. Parallels from Island Biogeography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1309-1315.	5.6	100
54	Ecological constraints on diversification in a model adaptive radiation. <i>Nature</i> , 2004, 431, 984-988.	27.8	97

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55	<i>Research Notes</i> Bacterial Blotch Disease of the Cultivated Mushroom Is Caused by an Ion Channel Forming Lipodepsipeptide Toxin. <i>Molecular Plant-Microbe Interactions</i> , 1991, 4, 407.	2.6	96
56	Cheats as first propagules: A new hypothesis for the evolution of individuality during the transition from single cells to multicellularity. <i>BioEssays</i> , 2010, 32, 872-880.	2.5	94
57	Cystic Fibrosis Therapy: A Community Ecology Perspective. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 150-156.	2.9	94
58	Development and Application of a <i>dapB</i> -Based In Vivo Expression Technology System To Study Colonization of Rice by the Endophytic Nitrogen-Fixing Bacterium <i>Pseudomonas stutzeri</i> A15. <i>Applied and Environmental Microbiology</i> , 2003, 69, 6864-6874.	3.1	92
59	Spatial heterogeneity and the stability of host-parasite coexistence. <i>Journal of Evolutionary Biology</i> , 2006, 19, 374-379.	1.7	90
60	Studies of Adaptive Radiation Using Model Microbial Systems. <i>American Naturalist</i> , 2000, 156, S35-S44.	2.1	83
61	Dual Involvement of <i>CbrAB</i> and <i>NtrBC</i> in the Regulation of Histidine Utilization in <i>Pseudomonas fluorescens</i> SBW25. <i>Genetics</i> , 2008, 178, 185-195.	2.9	81
62	EXPLORING THE SOCIOBIOLOGY OF PYOVERDIN-PRODUCING <i>PSEUDOMONAS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 3161-3174.	2.3	80
63	Mutational activation of niche-specific genes provides insight into regulatory networks and bacterial function in a complex environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18247-18252.	7.1	79
64	Determination of the structure of an extracellular peptide produced by the mushroom saprotroph <i>pseudomonas reactans</i> . <i>Tetrahedron</i> , 1991, 47, 3645-3654.	1.9	78
65	Comparison of Three Molecular Techniques for Typing <i>Pseudomonas aeruginosa</i> Isolates in Sputum Samples from Patients with Cystic Fibrosis. <i>Journal of Clinical Microbiology</i> , 2011, 49, 263-268.	3.9	78
66	Bistability in a Metabolic Network Underpins the De Novo Evolution of Colony Switching in <i>Pseudomonas fluorescens</i> . <i>PLoS Biology</i> , 2015, 13, e1002109.	5.6	78
67	Genome Sequence of the Biocontrol Strain <i>Pseudomonas fluorescens</i> F113. <i>Journal of Bacteriology</i> , 2012, 194, 1273-1274.	2.2	69
68	Ecological scaffolding and the evolution of individuality. <i>Nature Ecology and Evolution</i> , 2020, 4, 426-436.	7.8	69
69	Unraveling adaptive evolution: how a single point mutation affects the protein coregulation network. <i>Nature Genetics</i> , 2006, 38, 1015-1022.	21.4	68
70	Genomic, genetic and structural analysis of pyoverdine-mediated iron acquisition in the plant growth-promoting bacterium <i>Pseudomonas fluorescens</i> SBW25. <i>BMC Microbiology</i> , 2008, 8, 7.	3.3	67
71	Bacterial genomics and adaptation to life on plants: implications for the evolution of pathogenicity and symbiosis. <i>Current Opinion in Microbiology</i> , 1998, 1, 589-597.	5.1	65
72	From The Cover: Global analysis of predicted proteomes: Functional adaptation of physical properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8390-8395.	7.1	63

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73	Effect of <i>Pseudomonas putida</i> on hyphal growth of <i>Agaricus bisporus</i> . <i>Mycological Research</i> , 1991, 95, 699-704.	2.5	62
74	Genetic Analysis of the Histidine Utilization (<i>hut</i>) Genes in <i>Pseudomonas fluorescens</i> SBW25. <i>Genetics</i> , 2007, 176, 2165-2176.	2.9	62
75	A conceptual framework for the evolutionary origins of multicellularity. <i>Physical Biology</i> , 2013, 10, 035001.	1.8	62
76	Construction and validation of a neutrally-marked strain of <i>Pseudomonas fluorescens</i> SBW25. <i>Journal of Microbiological Methods</i> , 2007, 71, 78-81.	1.6	61
77	The evolutionary emergence of stochastic phenotype switching in bacteria. <i>Microbial Cell Factories</i> , 2011, 10, S14.	4.0	60
78	Anaerobically Grown <i>Escherichia coli</i> Has an Enhanced Mutation Rate and Distinct Mutational Spectra. <i>PLoS Genetics</i> , 2017, 13, e1006570.	3.5	60
79	In vivo expression technology strategies: valuable tools for biotechnology. <i>Current Opinion in Biotechnology</i> , 2000, 11, 440-444.	6.6	59
80	Regulation of copper homeostasis in <i>Pseudomonas fluorescens</i> SBW25. <i>Environmental Microbiology</i> , 2008, 10, 3284-3294.	3.8	59
81	Identification of a gene cluster encoding three high-molecular-weight proteins, which is required for synthesis of tolaasin by the mushroom pathogen <i>Pseudomonas tolaasii</i> . <i>Molecular Microbiology</i> , 1993, 8, 643-652.	2.5	58
82	Experimental adaptation to high and low quality environments under different scales of temporal variation. <i>Journal of Evolutionary Biology</i> , 2007, 20, 296-300.	1.7	57
83	Predicting mutational routes to new adaptive phenotypes. <i>ELife</i> , 2019, 8, .	6.0	55
84	Exclusion rules, bottlenecks and the evolution of stochastic phenotype switching. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3574-3583.	2.6	52
85	Competition both drives and impedes diversification in a model adaptive radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131253.	2.6	52
86	A model system for examining involvement of bacteria in basidiome initiation of <i>Agaricus bisporus</i> . <i>Mycological Research</i> , 1990, 94, 191-195.	2.5	51
87	Sequence-based analysis of pQBR103; a representative of a unique, transfer-proficient mega plasmid resident in the microbial community of sugar beet. <i>ISME Journal</i> , 2007, 1, 331-340.	9.8	50
88	Genetic Characterization of <i>Pseudomonas fluorescens</i> SBW25 <i>rsp</i> Gene Expression in the Phytosphere and In Vitro. <i>Journal of Bacteriology</i> , 2005, 187, 8477-8488.	2.2	48
89	The impact of phages on interspecific competition in experimental populations of bacteria. <i>BMC Ecology</i> , 2006, 6, 19.	3.0	48
90	The distribution of fitness effects of new beneficial mutations in <i>Pseudomonas fluorescens</i> . <i>Biology Letters</i> , 2011, 7, 98-100.	2.3	48

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91	Adaptive Divergence in Experimental Populations of <i>Pseudomonas fluorescens</i> . V. Insight into the Niche Specialist Fuzzy Spreader Compels Revision of the Model <i>Pseudomonas</i> Radiation. Genetics, 2013, 195, 1319-1335.	2.9	48
92	Genetic and ecotypic structure of a fluorescent <i>Pseudomonas</i> population. Molecular Ecology, 1996, 5, 747-761.	3.9	47
93	Resolving Conflicts During the Evolutionary Transition to Multicellular Life. Annual Review of Ecology, Evolution, and Systematics, 2014, 45, 599-620.	8.3	47
94	Eco-evolutionary dynamics of nested Darwinian populations and the emergence of community-level heredity. ELife, 2020, 9, .	6.0	46
95	Within-Genome Evolution of REPINs: a New Family of Miniature Mobile DNA in Bacteria. PLoS Genetics, 2011, 7, e1002132.	3.5	45
96	Evolutionary convergence in experimental <i>Pseudomonas</i> populations. ISME Journal, 2017, 11, 589-600.	9.8	45
97	Darwin was right: where now for experimental evolution?. Current Opinion in Genetics and Development, 2017, 47, 102-109.	3.3	44
98	The histidine utilization (hut) genes of <i>Pseudomonas fluorescens</i> SBW25 are active on plant surfaces, but are not required for competitive colonization of sugar beet seedlings. Microbiology (United Kingdom), 2004, 150, 518-520.	1.8	41
99	Fragmentation modes and the evolution of life cycles. PLoS Computational Biology, 2017, 13, e1005860.	3.2	41
100	Unity from conflict. Nature, 2007, 446, 616-616.	27.8	40
101	TUNING A GENETIC SWITCH: EXPERIMENTAL EVOLUTION AND NATURAL VARIATION OF PROPHAGE INDUCTION. Evolution; International Journal of Organic Evolution, 2010, 64, 1086-1097.	2.3	40
102	Intraclonal Polymorphism in Bacteria. Advances in Microbial Ecology, 1993, , 263-300.	0.1	33
103	Nascent multicellular life and the emergence of individuality. Journal of Biosciences, 2014, 39, 237-48.	1.1	32
104	Short-term community dynamics in the phyllosphere microbiology of field-grown sugar beet. FEMS Microbiology Ecology, 1995, 16, 205-212.	2.7	30
105	IVET experiments in <i>Pseudomonas fluorescens</i> reveal cryptic promoters at loci associated with recognizable overlapping genes. Microbiology (United Kingdom), 2004, 150, 518-520.	1.8	30
106	Founder niche constrains evolutionary adaptive radiation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20663-20668.	7.1	29
107	Lineage Tracking for Probing Heritable Phenotypes at Single-Cell Resolution. PLoS ONE, 2016, 11, e0152395.	2.5	29
108	Evolution of bacterial diversity and the origins of modularity. Research in Microbiology, 2004, 155, 370-375.	2.1	27

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109	The Role of a P1-Type ATPase from <i>Pseudomonas fluorescens</i> SBW25 in Copper Homeostasis and Plant Colonization. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 581-588.	2.6	27
110	The indigenous <i>Pseudomonas</i> plasmid pQBR103 encodes plant-inducible genes, including three putative helicases. <i>FEMS Microbiology Ecology</i> , 2004, 51, 9-17.	2.7	26
111	Molecular mechanisms of xylose utilization by <i>Pseudomonas fluorescens</i> : overlapping genetic responses to xylose, xylulose, ribose and mannitol. <i>Molecular Microbiology</i> , 2015, 98, 553-570.	2.5	26
112	Adaptive evolution by spontaneous domain fusion and protein relocalization. <i>Nature Ecology and Evolution</i> , 2017, 1, 1562-1568.	7.8	25
113	Microbes are not bound by sociobiology: Response to Kömmerli and Ross-Gillespie (2013). <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3344-3355.	2.3	22
114	Role of the Transporter-Like Sensor Kinase CbrA in Histidine Uptake and Signal Transduction. <i>Journal of Bacteriology</i> , 2015, 197, 2867-2878.	2.2	22
115	The ecological genetics of <i>Pseudomonas syringae</i> from kiwifruit leaves. <i>Environmental Microbiology</i> , 2018, 20, 2066-2084.	3.8	22
116	Ribosome Provisioning Activates a Bistable Switch Coupled to Fast Exit from Stationary Phase. <i>Molecular Biology and Evolution</i> , 2019, 36, 1056-1070.	8.9	22
117	The Genetic Structure of <i>Staphylococcus aureus</i> Populations from the Southwest Pacific. <i>PLoS ONE</i> , 2014, 9, e100300.	2.5	21
118	Meta-population structure and the evolutionary transition to multicellularity. <i>Ecology Letters</i> , 2020, 23, 1380-1390.	6.4	21
119	Toward a dynamical understanding of microbial communities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190248.	4.0	21
120	Environmentally constrained mutation and adaptive evolution in <i>Salmonella</i> . <i>Current Biology</i> , 1999, 9, 1477-1481.	3.9	20
121	Evolutionary genetics: The economics of mutation. <i>Current Biology</i> , 1999, 9, R371-R373.	3.9	20
122	Curiosities of REPINs and RAYTs. <i>Mobile Genetic Elements</i> , 2011, 1, 262-301.	1.8	20
123	Eco-Evolutionary Feedback and the Tuning of Proto-Developmental Life Cycles. <i>PLoS ONE</i> , 2013, 8, e82274.	2.5	20
124	Unravelling the complexity and redundancy of carbon catabolic repression in <i>Pseudomonas fluorescens</i> SBW25. <i>Molecular Microbiology</i> , 2017, 105, 589-605.	2.5	19
125	Repeated Phenotypic Evolution by Different Genetic Routes in <i>Pseudomonas fluorescens</i> SBW25. <i>Molecular Biology and Evolution</i> , 2019, 36, 1071-1085.	8.9	18
126	Experimental manipulation of selfish genetic elements links genes to microbial community function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190681.	4.0	18

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127	Genetic characterization of <i>psp</i> encoding the DING protein in <i>Pseudomonas fluorescens</i> SBW25. <i>BMC Microbiology</i> , 2007, 7, 114.	3.3	17
128	Functional and phylogenetic analysis of a plant-inducible oligoribonuclease (<i>orn</i>) gene from an indigenous <i>Pseudomonas</i> plasmid. <i>Microbiology (United Kingdom)</i> , 2004, 150, 2889-2898.	1.8	16
129	Bet hedging in the underworld. <i>Genome Biology</i> , 2010, 11, 137.	9.6	16
130	Mini-Tn7 vectors for studying post-transcriptional gene expression in <i>Pseudomonas</i> . <i>Journal of Microbiological Methods</i> , 2014, 107, 182-185.	1.6	15
131	Transposable elements promote the evolution of genome streamlining. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200477.	4.0	14
132	Identification and Characterization of Domesticated Bacterial Transposases. <i>Genome Biology and Evolution</i> , 2017, 9, 2110-2121.	2.5	13
133	CbrAB-dependent regulation of <i>pcnB</i> , a poly(A) polymerase gene involved in polyadenylation of RNA in <i>Pseudomonas fluorescens</i> . <i>Environmental Microbiology</i> , 2010, 12, 1674-1683.	3.8	12
134	Urocanate as a potential signaling molecule for bacterial recognition of eukaryotic hosts. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 541-547.	5.4	12
135	Variation in transport explains polymorphism of histidine and urocanate utilization in a natural <i>Pseudomonas</i> population. <i>Environmental Microbiology</i> , 2012, 14, 1941-1951.	3.8	11
136	Modes of migration and multilevel selection in evolutionary multiplayer games. <i>Journal of Theoretical Biology</i> , 2015, 387, 144-153.	1.7	11
137	Causes and Biophysical Consequences of Cellulose Production by <i>Pseudomonas fluorescens</i> SBW25 at the Air-Liquid Interface. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	11
138	Comparison of <i>Borrelia</i> isolated from UK foci of Lyme disease. <i>FEMS Microbiology Letters</i> , 1995, 130, 151-157.	1.8	8
139	Notes on designing a partial genomic database: The PfSBW25 Encyclopaedia, a sequence database for <i>Pseudomonas fluorescens</i> SBW25. <i>Microbiology (United Kingdom)</i> , 2001, 147, 247-249.	1.8	8
140	The origin and ecological significance of multiple branches for histidine utilization in <i>Pseudomonas aeruginosa</i> PAO1. <i>Environmental Microbiology</i> , 2012, 14, 1929-1940.	3.8	6
141	Precarious development: The uncertain social life of cellular slime molds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2639-2640.	7.1	6
142	<i>In vivo</i> transcriptome analysis provides insights into host-dependent expression of virulence factors by <i>Yersinia entomophaga</i> MH96, during infection of <i>Galleria mellonella</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	6
143	The genetics of phenotypic innovation. , 0, , 91-104.		4
144	Arrhythmia of tempo and mode. <i>Nature</i> , 2009, 461, 1219-1221.	27.8	4

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145	Genotypic and phenotypic analyses reveal distinct population structures and ecotypes for sugar beet-associated <i>Pseudomonas</i> in Oxford and Auckland. Ecology and Evolution, 2020, 10, 5963-5975.	1.9	2
146	The use of model <i>Pseudomonas fluorescens</i> populations to study the causes and consequences of microbial diversity. , 2005, , 83-99.		0
147	Profile: The de novo evolution of cooperation: an unlikely event. , 0, , 357-359.		0