

# Paul B Rainey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7602263/publications.pdf>

Version: 2024-02-01

147  
papers

17,026  
citations

17776

65  
h-index

19470

122  
g-index

172  
all docs

172  
docs citations

172  
times ranked

16193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transposable elements promote the evolution of genome streamlining. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200477.	1.8	14
2	<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, .	0.8	6
3	Meta-population structure and the evolutionary transition to multicellularity. <i>Ecology Letters</i> , 2020, 23, 1380-1390.	3.0	21
4	Genotypic and phenotypic analyses reveal distinct population structures and ecotypes for sugar beet-associated <i>Pseudomonas</i> in Oxford and Auckland. <i>Ecology and Evolution</i> , 2020, 10, 5963-5975.	0.8	2
5	Ecological scaffolding and the evolution of individuality. <i>Nature Ecology and Evolution</i> , 2020, 4, 426-436.	3.4	69
6	Toward a dynamical understanding of microbial communities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190248.	1.8	21
7	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.	1.8	18
8	Eco-evolutionary dynamics of nested Darwinian populations and the emergence of community-level heredity. <i>ELife</i> , 2020, 9, .	2.8	46
9	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, .	1.0	11
10	Repeated Phenotypic Evolution by Different Genetic Routes in <i>Pseudomonas fluorescens</i> SBW25. <i>Molecular Biology and Evolution</i> , 2019, 36, 1071-1085.	3.5	18
11	Ribosome Provisioning Activates a Bistable Switch Coupled to Fast Exit from Stationary Phase. <i>Molecular Biology and Evolution</i> , 2019, 36, 1056-1070.	3.5	22
12	Predicting mutational routes to new adaptive phenotypes. <i>ELife</i> , 2019, 8, .	2.8	55
13	The ecological genetics of <i>Pseudomonas syringae</i> from kiwifruit leaves. <i>Environmental Microbiology</i> , 2018, 20, 2066-2084.	1.8	22
14	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.	1.8	106
15	Evolutionary convergence in experimental <i>Pseudomonas</i> populations. <i>ISME Journal</i> , 2017, 11, 589-600.	4.4	45
16	Unravelling the complexity and redundancy of carbon catabolic repression in <i>Pseudomonas fluorescens</i> SBW25. <i>Molecular Microbiology</i> , 2017, 105, 589-605.	1.2	19
17	Origin and Evolution of the Kiwifruit Canker Pandemic. <i>Genome Biology and Evolution</i> , 2017, 9, 932-944.	1.1	106
18	Darwin was right: where now for experimental evolution?. <i>Current Opinion in Genetics and Development</i> , 2017, 47, 102-109.	1.5	44

#	ARTICLE	IF	CITATIONS
19	Adaptive evolution by spontaneous domain fusion and protein relocalization. <i>Nature Ecology and Evolution</i> , 2017, 1, 1562-1568.	3.4	25
20	Identification and Characterization of Domesticated Bacterial Transposases. <i>Genome Biology and Evolution</i> , 2017, 9, 2110-2121.	1.1	13
21	Anaerobically Grown <i>Escherichia coli</i> Has an Enhanced Mutation Rate and Distinct Mutational Spectra. <i>PLoS Genetics</i> , 2017, 13, e1006570.	1.5	60
22	Fragmentation modes and the evolution of life cycles. <i>PLoS Computational Biology</i> , 2017, 13, e1005860.	1.5	41
23	Lineage Tracking for Probing Heritable Phenotypes at Single-Cell Resolution. <i>PLoS ONE</i> , 2016, 11, e0152395.	1.1	29
24	Challenges in microbial ecology: building predictive understanding of community function and dynamics. <i>ISME Journal</i> , 2016, 10, 2557-2568.	4.4	570
25	Modes of migration and multilevel selection in evolutionary multiplayer games. <i>Journal of Theoretical Biology</i> , 2015, 387, 144-153.	0.8	11
26	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.	1.2	26
27	Clinical utilization of genomics data produced by the international <i>Pseudomonas aeruginosa</i> consortium. <i>Frontiers in Microbiology</i> , 2015, 6, 1036.	1.5	144
28	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.	3.3	6
29	Role of the Transporter-Like Sensor Kinase CbrA in Histidine Uptake and Signal Transduction. <i>Journal of Bacteriology</i> , 2015, 197, 2867-2878.	1.0	22
30	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.	2.6	78
31	Experimental evolution reveals hidden diversity in evolutionary pathways. <i>ELife</i> , 2015, 4, .	2.8	104
32	The Genetic Structure of <i>Staphylococcus aureus</i> Populations from the Southwest Pacific. <i>PLoS ONE</i> , 2014, 9, e100300.	1.1	21
33	Microbes are not bound by sociobiology: Response to K��mmerli and Ross��Gillespie (2013). <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3344-3355.	1.1	22
34	Resolving Conflicts During the Evolutionary Transition to Multicellular Life. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 599-620.	3.8	47
35	Automated Reconstruction of Whole-Genome Phylogenies from Short-Sequence Reads. <i>Molecular Biology and Evolution</i> , 2014, 31, 1077-1088.	3.5	399
36	Urocanate as a potential signaling molecule for bacterial recognition of eukaryotic hosts. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 541-547.	2.4	12

#	ARTICLE	IF	CITATIONS
37	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.	1.8	103
38	Life cycles, fitness decoupling and the evolution of multicellularity. <i>Nature</i> , 2014, 515, 75-79.	13.7	176
39	Mini-Tn7 vectors for studying post-transcriptional gene expression in <i>Pseudomonas</i> . <i>Journal of Microbiological Methods</i> , 2014, 107, 182-185.	0.7	15
40	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.	2.5	100
41	Nascent multicellular life and the emergence of individuality. <i>Journal of Biosciences</i> , 2014, 39, 237-48.	0.5	32
42	Founder niche constrains evolutionary adaptive radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20663-20668.	3.3	29
43	Cystic Fibrosis Therapy: A Community Ecology Perspective. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 150-156.	1.4	94
44	EXPLORING THE SOCIOBIOLOGY OF PYOVERDIN-PRODUCING <i>PSEUDOMONAS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 3161-3174.	1.1	80
45	A conceptual framework for the evolutionary origins of multicellularity. <i>Physical Biology</i> , 2013, 10, 035001.	0.8	62
46	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. <i>Genetics</i> , 2013, 195, 1319-1335.	1.2	48
47	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.	2.1	247
48	Competition both drives and impedes diversification in a model adaptive radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131253.	1.2	52
49	Eco-Evolutionary Feedback and the Tuning of Proto-Developmental Life Cycles. <i>PLoS ONE</i> , 2013, 8, e82274.	1.1	20
50	Spatial distribution of microbial communities in the cystic fibrosis lung. <i>ISME Journal</i> , 2012, 6, 471-474.	4.4	156
51	Genome Sequence of the Biocontrol Strain <i>Pseudomonas fluorescens</i> F113. <i>Journal of Bacteriology</i> , 2012, 194, 1273-1274.	1.0	69
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.	1.4	102
53	<i>Pseudomonas aeruginosa</i> Exhibits Frequent Recombination, but Only a Limited Association between Genotype and Ecological Setting. <i>PLoS ONE</i> , 2012, 7, e44199.	1.1	114
54	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.	1.8	6

#	ARTICLE	IF	CITATIONS
55	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.	1.8	11
56	The evolutionary emergence of stochastic phenotype switching in bacteria. <i>Microbial Cell Factories</i> , 2011, 10, S14.	1.9	60
57	Curiosities of REPINs and RAYTs. <i>Mobile Genetic Elements</i> , 2011, 1, 262-301.	1.8	20
58	Exclusion rules, bottlenecks and the evolution of stochastic phenotype switching. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3574-3583.	1.2	52
59	The distribution of fitness effects of new beneficial mutations in <i>Pseudomonas fluorescens</i> . <i>Biology Letters</i> , 2011, 7, 98-100.	1.0	48
60	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.	1.8	78
61	Within-Genome Evolution of REPINs: a New Family of Miniature Mobile DNA in Bacteria. <i>PLoS Genetics</i> , 2011, 7, e1002132.	1.5	45
62	TUNING A GENETIC SWITCH: EXPERIMENTAL EVOLUTION AND NATURAL VARIATION OF PROPHAGE INDUCTION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1086-1097.	1.1	40
63	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.	1.2	94
64	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.	1.8	12
65	Bet hedging in the underworld. <i>Genome Biology</i> , 2010, 11, 137.	13.9	16
66	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.	1.2	137
67	Experimental evolution of bet hedging. <i>Nature</i> , 2009, 462, 90-93.	13.7	571
68	Arrhythmia of tempo and mode. <i>Nature</i> , 2009, 461, 1219-1221.	13.7	4
69	Genomic and genetic analyses of diversity and plant interactions of <i>Pseudomonas fluorescens</i> . <i>Genome Biology</i> , 2009, 10, R51.	13.9	370
70	Type III secretion in plant growth-promoting <i>Pseudomonas fluorescens</i> SBW25. <i>Molecular Microbiology</i> , 2008, 41, 999-1014.	1.2	190
71	Regulation of copper homeostasis in <i>Pseudomonas fluorescens</i> SBW25. <i>Environmental Microbiology</i> , 2008, 10, 3284-3294.	1.8	59
72	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.	1.3	67

#	ARTICLE	IF	CITATIONS
73	Dual Involvement of CbrAB and NtrBC in the Regulation of Histidine Utilization in <i>Pseudomonas fluorescens</i> SBW25. <i>Genetics</i> , 2008, 178, 185-195.	1.2	81
74	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.	3.3	79
75	Adaptive Divergence in Experimental Populations of <i>Pseudomonas fluorescens</i> . III. Mutational Origins of Wrinkly Spreader Diversity. <i>Genetics</i> , 2007, 176, 441-453.	1.2	150
76	Genetic Analysis of the Histidine Utilization ( <i>hut</i> ) Genes in <i>Pseudomonas fluorescens</i> SBW25. <i>Genetics</i> , 2007, 176, 2165-2176.	1.2	62
77	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.	1.4	27
78	Construction and validation of a neutrally-marked strain of <i>Pseudomonas fluorescens</i> SBW25. <i>Journal of Microbiological Methods</i> , 2007, 71, 78-81.	0.7	61
79	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.	4.4	50
80	Unity from conflict. <i>Nature</i> , 2007, 446, 616-616.	13.7	40
81	Evolution of species interactions in a biofilm community. <i>Nature</i> , 2007, 445, 533-536.	13.7	460
82	Immigration history controls diversification in experimental adaptive radiation. <i>Nature</i> , 2007, 446, 436-439.	13.7	218
83	Experimental adaptation to high and low quality environments under different scales of temporal variation. <i>Journal of Evolutionary Biology</i> , 2007, 20, 296-300.	0.8	57
84	Genetic characterization of <i>psp</i> encoding the DING protein in <i>Pseudomonas fluorescens</i> SBW25. <i>BMC Microbiology</i> , 2007, 7, 114.	1.3	17
85	The impact of phages on interspecific competition in experimental populations of bacteria. <i>BMC Ecology</i> , 2006, 6, 19.	3.0	48
86	Spatial heterogeneity and the stability of host-parasite coexistence. <i>Journal of Evolutionary Biology</i> , 2006, 19, 374-379.	0.8	90
87	Unraveling adaptive evolution: how a single point mutation affects the protein coregulation network. <i>Nature Genetics</i> , 2006, 38, 1015-1022.	9.4	68
88	The histidine utilization ( <i>hut</i> ) genes of <i>Pseudomonas fluorescens</i> SBW25 are active on plant surfaces, but are not required for competitive colonization of sugar beet seedlings. <i>Microbiology (United Kingdom)</i> , 2007, 157, 1007-1014.	4.0	11
89	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.	1.2	104
90	The use of model <i>Pseudomonas fluorescens</i> populations to study the causes and consequences of microbial diversity. <i>Journal of Evolutionary Biology</i> , 2005, 18, 83-99.		0

#	ARTICLE	IF	CITATIONS
91	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.	1.0	48
92	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.	0.7	130
93	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.	1.2	129
94	The PIN-domain toxin "antitoxin array in mycobacteria. <i>Trends in Microbiology</i> , 2005, 13, 360-365.	3.5	111
95	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.	2.9	138
96	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.	0.7	16
97	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.	3.3	156
98	IVET experiments in <i>Pseudomonas fluorescens</i> reveal cryptic promoters at loci associated with recognizable overlapping genes. <i>Microbiology (United Kingdom)</i> , 2004, 150, 518-520.	0.7	30
99	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.	3.3	63
100	Ecological constraints on diversification in a model adaptive radiation. <i>Nature</i> , 2004, 431, 984-988.	13.7	97
101	The indigenous <i>Pseudomonas</i> plasmid pQBR103 encodes plant-inducible genes, including three putative helicases. <i>FEMS Microbiology Ecology</i> , 2004, 51, 9-17.	1.3	26
102	The Ecology and Genetics of Microbial Diversity. <i>Annual Review of Microbiology</i> , 2004, 58, 207-231.	2.9	178
103	Evolution of bacterial diversity and the origins of modularity. <i>Research in Microbiology</i> , 2004, 155, 370-375.	1.0	27
104	Big questions, small worlds: microbial model systems in ecology. <i>Trends in Ecology and Evolution</i> , 2004, 19, 189-197.	4.2	387
105	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.	1.2	105
106	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.	1.2	393
107	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.	2.0	144
108	Role of the GGDEF regulator PleD in polar development of <i>Caulobacter crescentus</i> . <i>Molecular Microbiology</i> , 2003, 47, 1695-1708.	1.2	255

#	ARTICLE	IF	CITATIONS
109	Population mixing accelerates coevolution. <i>Ecology Letters</i> , 2003, 6, 975-979.	3.0	127
110	Evolution of cooperation and conflict in experimental bacterial populations. <i>Nature</i> , 2003, 425, 72-74.	13.7	502
111	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.	1.4	92
112	Mechanisms linking diversity, productivity and invasibility in experimental bacterial communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2277-2283.	1.2	112
113	Antagonistic coevolution between a bacterium and a bacteriophage. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 931-936.	1.2	545
114	Autolysis and Autoaggregation in <i>Pseudomonas aeruginosa</i> Colony Morphology Mutants. <i>Journal of Bacteriology</i> , 2002, 184, 6481-6489.	1.0	380
115	The role of parasites in sympatric and allopatric host diversification. <i>Nature</i> , 2002, 420, 496-499.	13.7	257
116	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.	1.2	257
117	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.	0.7	8
118	In vivo expression technology strategies: valuable tools for biotechnology. <i>Current Opinion in Biotechnology</i> , 2000, 11, 440-444.	3.3	59
119	Diversity peaks at intermediate productivity in a laboratory microcosm. <i>Nature</i> , 2000, 406, 508-512.	13.7	308
120	Disturbance and diversity in experimental microcosms. <i>Nature</i> , 2000, 408, 961-964.	13.7	276
121	Studies of Adaptive Radiation Using Model Microbial Systems. <i>American Naturalist</i> , 2000, 156, S35-S44.	1.0	83
122	The emergence and maintenance of diversity: insights from experimental bacterial populations. <i>Trends in Ecology and Evolution</i> , 2000, 15, 243-247.	4.2	171
123	The causes of <i>Pseudomonas</i> diversity. <i>Microbiology (United Kingdom)</i> , 2000, 146, 2345-2350.	0.7	276
124	Adaptation of <i>Pseudomonas fluorescens</i> to the plant rhizosphere. <i>Environmental Microbiology</i> , 1999, 1, 243-257.	1.8	354
125	Environmentally constrained mutation and adaptive evolution in <i>Salmonella</i> . <i>Current Biology</i> , 1999, 9, 1477-1481.	1.8	20
126	Evolutionary genetics: The economics of mutation. <i>Current Biology</i> , 1999, 9, R371-R373.	1.8	20



#	ARTICLE	IF	CITATIONS
127	Adaptive radiation in a heterogeneous environment. <i>Nature</i> , 1998, 394, 69-72.	13.7	1,099
128	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.	2.3	65
129	Detecting Linkage Disequilibrium in Bacterial Populations. <i>Genetics</i> , 1998, 150, 1341-1348.	1.2	120
130	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.	1.2	116
131	Genetic and ecotypic structure of a fluorescent <i>Pseudomonas</i> population. <i>Molecular Ecology</i> , 1996, 5, 747-761.	2.0	47
132	Physical and genetic map of the <i>Pseudomonas fluorescens</i> SBW25 chromosome. <i>Molecular Microbiology</i> , 1996, 19, 521-533.	1.2	205
133	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.	2.0	127
134	Comparison of <i>Borrelia</i> isolated from UK foci of Lyme disease. <i>FEMS Microbiology Letters</i> , 1995, 130, 151-157.	0.7	8
135	Short-term community dynamics in the phyllosphere microbiology of field-grown sugar beet. <i>FEMS Microbiology Ecology</i> , 1995, 16, 205-212.	1.3	30
136	Adaptive evolution of highly mutable loci in pathogenic bacteria. <i>Current Biology</i> , 1994, 4, 24-33.	1.8	719
137	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.	1.8	191
138	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.	1.2	58
139	Intraclonal Polymorphism in Bacteria. <i>Advances in Microbial Ecology</i> , 1993, , 263-300.	0.1	33
140	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
141	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.	1.3	122
142	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.	6.6	164
143	Determination of the structure of an extracellular peptide produced by the mushroom saprotroph <i>pseudomonas reactans</i> . <i>Tetrahedron</i> , 1991, 47, 3645-3654.	1.0	78
144	<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.	1.4	96

#	ARTICLE	IF	CITATIONS
145	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
146	The genetics of phenotypic innovation. , 0, , 91-104.		4
147	Profile: The de novo evolution of cooperation: an unlikely event. , 0, , 357-359.		0