Nancy A Moran

List of Publications by Year
in descending order

280 papers	49,629 citations	1070 116 h-index	2196 208 g-index
294 all docs	294 docs citations	294 times ranked	25460 citing authors

#	Article	IF	Citations
1	Genetic innovations in animalâ€“microbe symbioses. Nature Reviews Genetics, 2022, 23, 23-39.	7.7	60
2	Why sequence all eukaryotes?. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	51
3	Glyphosate induces immune dysregulation in honey bees. Animal Microbiome, 2022, 4, 16.	1.5	23
4	Global Composition of the Bacteriophage Community in Honey Bees. MSystems, 2022, 7, e0119521.	1.7	8
5	Extreme Polyploidy of <i>Carsonella</i> , an Organelle-Like Bacterium with a Drastically Reduced Genome. Microbiology Spectrum, 2022, 10, e0035022.	1.2	9
6	Species divergence in gut-restricted bacteria of social bees. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115013119.	3.3	20
7	Elucidation of host and symbiont contributions to peptidoglycan metabolism based on comparative genomics of eight aphid subfamilies and their Buchnera. PLoS Genetics, 2022, 18, e1010195.	1.5	11
8	Prospects for probiotics in social bees. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210156.	1.8	28
9	Carpenter Bees (<i>Xylocopa</i>) Harbor a Distinctive Gut Microbiome Related to That of Honey Bees and Bumble Bees. Applied and Environmental Microbiology, 2022, 88, .	1.4	15
10	Engineering a Culturable Serratia symbiotica Strain for Aphid Paratransgenesis. Applied and Environmental Microbiology, 2021, 87, .	1.4	15
11	Thermal niches of specialized gut symbionts: the case of social bees. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20201480.	1.2	29
12	Vertical Transmission at the Pathogen-Symbiont Interface: Serratia symbiotica and Aphids. MBio, 2021, 12, .	1.8	19
13	Isolation of the Buchnera aphidicola flagellum basal body complexes from the Buchnera membrane. PLoS ONE, 2021, 16, e0245710.	1.1	2
14	Extinction of anciently associated gut bacterial symbionts in a clade of stingless bees. ISME Journal, 2021, 15, 2813-2816.	4.4	30
15	Evolution of Interbacterial Antagonism in Bee Gut Microbiota Reflects Host and Symbiont Diversification. MSystems, 2021, 6, .	1.7	13
16	Strong within-host selection in a maternally inherited obligate symbiont: <i>Buchnera</i> and aphids. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	13
17	The Gut Microbiota Protects Bees from Invasion by a Bacterial Pathogen. Microbiology Spectrum, 2021, 9, e0039421.	1.2	40
18	Field-Realistic Tylosin Exposure Impacts Honey Bee Microbiota and Pathogen Susceptibility, Which Is Ameliorated by Native Gut Probiotics. Microbiology Spectrum, 2021, 9, e0010321.	1.2	23

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19	The gut microbiota of bumblebees. Insectes Sociaux, 2021, 68, 287-301.	0.7	34
20	Horizontal-Acquisition of a Promiscuous Peptidoglycan-Recycling Enzyme Enables Aphids To Influence Symbiont Cell Wall Metabolism. MBio, 2021, 12, e0263621.	1.8	6
21	Microbe Profile: Buchnera aphidicola: ancient aphid accomplice and endosymbiont exemplar. Microbiology (United Kingdom), 2021, 167, .	0.7	4
22	Oral or Topical Exposure to Glyphosate in Herbicide Formulation Impacts the Gut Microbiota and Survival Rates of Honey Bees. Applied and Environmental Microbiology, 2020, 86, .	1.4	78
23	The genome sequence of the grape phylloxera provides insights into the evolution, adaptation, and invasion routes of an iconic pest. BMC Biology, 2020, 18, 90.	1.7	40
24	Impact of Glyphosate on the Honey Bee Gut Microbiota: Effects of Intensity, Duration, and Timing of Exposure. MSystems, 2020, 5, .	1.7	55
25	Symbionts shape host innate immunity in honeybees. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201184.	1.2	50
26	Coordination of host and symbiont gene expression reveals a metabolic tug-of-war between aphids and <i>Buchnera</i>. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2113-2121.	3.3	51
27	Engineered symbionts activate honey bee immunity and limit pathogens. Science, 2020, 367, 573-576.	6.0	161
28	The Aphid X Chromosome Is a Dangerous Place for Functionally Important Genes: Diverse Evolution of Hemipteran Genomes Based on Chromosome-Level Assemblies. Molecular Biology and Evolution, 2020, 37, 2357-2368.	3.5	41
29	Links between metamorphosis and symbiosis in holometabolous insects. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190068.	1.8	118
30	Evolutionary and Ecological Consequences of Gut Microbial Communities. Annual Review of Ecology, Evolution, and Systematics, 2019, 50, 451-475.	3.8	175
31	Gene Family Evolution in the Pea Aphid Based on Chromosome-Level Genome Assembly. Molecular Biology and Evolution, 2019, 36, 2143-2156.	3.5	84
32	Genome Evolution of the Obligate Endosymbiont Buchnera aphidicola. Molecular Biology and Evolution, 2019, 36, 1481-1489.	3.5	85
33	Obligate bacterial endosymbionts limit thermal tolerance of insect host species. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24712-24718.	3.3	91
34	Division of labor in honey bee gut microbiota for plant polysaccharide digestion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25909-25916.	3.3	191
35	Imidacloprid Decreases Honey Bee Survival Rates but Does Not Affect the Gut Microbiome. Applied and Environmental Microbiology, 2018, 84, .	1.4	63
36	Genome Sequences of Apibacter spp., Gut Symbionts of Asian Honey Bees. Genome Biology and Evolution, 2018, 10, 1174-1179.	1.1	27

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37	Microbiome Structure Influences Infection by the Parasite Crithidia bombi in Bumble Bees. Applied and Environmental Microbiology, 2018, 84, .	1.4	86
38	The role of the gut microbiome in health and disease of adult honey bee workers. Current Opinion in Insect Science, 2018, 26, 97-104.	2.2	326
39	Evolutionary loss and replacement of <i>Buchnera</i>, the obligate endosymbiont of aphids. ISME Journal, 2018, 12, 898-908.	4.4	64
40	Genetic Engineering of Bee Gut Microbiome Bacteria with a Toolkit for Modular Assembly of Broad-Host-Range Plasmids. ACS Synthetic Biology, 2018, 7, 1279-1290.	1.9	87
41	Antibiotics reduce genetic diversity of core species in the honeybee gut microbiome. Molecular Ecology, 2018, 27, 2057-2066.	2.0	95
42	Glyphosate perturbs the gut microbiota of honey bees. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10305-10310.	3.3	469
43	Pathogenicity of Serratia marcescens Strains in Honey Bees. MBio, 2018, 9, .	1.8	90
44	Honey bees as models for gut microbiota research. Lab Animal, 2018, 47, 317-325.	0.2	184
45	Modulation of the honey bee queen microbiota: Effects of early social contact. PLoS ONE, 2018, 13, e0200527.	1.1	43
46	Honeybee gut microbiota promotes host weight gain via bacterial metabolism and hormonal signaling. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4775-4780.	3.3	419
47	Convergent evolution of a modified, acetate-driven TCA cycle in bacteria. Nature Microbiology, 2017, 2, 17067.	5.9	60
48	Immune system stimulation by the native gut microbiota of honey bees. Royal Society Open Science, 2017, 4, 170003.	1.1	276
49	Dynamic microbiome evolution in social bees. Science Advances, 2017, 3, e1600513.	4.7	349
50	A Distinctive and Host-Restricted Gut Microbiota in Populations of a Cactophilic Drosophila Species. Applied and Environmental Microbiology, 2017, 83, .	1.4	34
51	Old and new symbiotic partners in lachnine aphids. Environmental Microbiology, 2017, 19, 7-7.	1.8	3
52	Diversification of Type VI Secretion System Toxins Reveals Ancient Antagonism among Bee Gut Microbes. MBio, 2017, 8, .	1.8	94
53	Antibiotic exposure perturbs the gut microbiota and elevates mortality in honeybees. PLoS Biology, 2017, 15, e2001861.	2.6	367
54	The genome of Rhizobiales bacteria in predatory ants reveals urease gene functions but no genes for nitrogen fixation. Scientific Reports, 2016, 6, 39197.	1.6	55

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55	Genome Sequence of Hafnia alvei bta3_1, a Bacterium with Antimicrobial Properties Isolated from Honey Bee Gut. Genome Announcements, 2016, 4, .	0.8	17
56	The Bee Microbiome: Impact on Bee Health and Model for Evolution and Ecology of Host-Microbe Interactions. MBio, 2016, 7, e02164-15.	1.8	215
57	Gut microbial communities of social bees. Nature Reviews Microbiology, 2016, 14, 374-384.	13.6	648
58	Early gut colonizers shape parasite susceptibility and microbiota composition in honey bee workers. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9345-9350.	3.3	184
59	Strain diversity and host specificity in a specialized gut symbiont of honeybees and bumblebees. Molecular Ecology, 2016, 25, 4461-4471.	2.0	73
60	When Obligate Partners Melt Down. MBio, 2016, 7, .	1.8	17
61	Insights into the roles of bacterial symbionts within flagellates of termite guts. Environmental Microbiology Reports, 2016, 8, 559-559.	1.0	1
62	Metabolism of Toxic Sugars by Strains of the Bee Gut Symbiont Gilliamella apicola. MBio, 2016, 7, .	1.8	216
63	Genome-wide screen identifies host colonization determinants in a bacterial gut symbiont. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13887-13892.	3.3	112
64	Intraspecific genetic variation in hosts affects regulation of obligate heritable symbionts. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13114-13119.	3.3	71
65	Lineage-Specific Patterns of Genome Deterioration in Obligate Symbionts of Sharpshooter Leafhoppers. Genome Biology and Evolution, 2016, 8, 296-301.	1.1	28
66	Apibacter adventoris gen. nov., sp. nov., a member of the phylum Bacteroidetes isolated from honey bees. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1323-1329.	0.8	39
67	The Hologenome Concept: Helpful or Hollow?. PLoS Biology, 2015, 13, e1002311.	2.6	346
68	Heritable symbiosis: The advantages and perils of an evolutionary rabbit hole. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10169-10176.	3.3	401
69	Experimental replacement of an obligate insect symbiont. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2093-2096.	3.3	130
70	Two gut community enterotypes recur in diverse bumblebee species. Current Biology, 2015, 25, R652-R653.	1.8	62
71	Evolution of host specialization in gut microbes: the bee gut as a model. Gut Microbes, 2015, 6, 214-220.	4.3	86
72	The Bacterium Frischella perrara Causes Scab Formation in the Gut of its Honeybee Host. MBio, 2015, 6, e00193-15.	1.8	90

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73	Genomics of the honey bee microbiome. Current Opinion in Insect Science, 2015, 10, 22-28.	2.2	153
74	Hidden Diversity in Honey Bee Gut Symbionts Detected by Single-Cell Genomics. PLoS Genetics, 2014, 10, e1004596.	1.5	131
75	Genome Sequences of <i>Lactobacillus</i> sp. Strains wkB8 and wkB10, Members of the Firm-5 Clade, from Honey Bee Guts. Genome Announcements, 2014, 2, .	0.8	30
76	Differential Genome Evolution Between Companion Symbionts in an Insect-Bacterial Symbiosis. MBio, 2014, 5, e01697-14.	1.8	70
77	Swapping symbionts in spittlebugs: evolutionary replacement of a reduced genome symbiont. ISME Journal, 2014, 8, 1237-1246.	4.4	121
78	The impact of microbial symbionts on host plant utilization by herbivorous insects. Molecular Ecology, 2014, 23, 1473-1496.	2.0	380
79	Genomic Features of a Bumble Bee Symbiont Reflect Its Host Environment. Applied and Environmental Microbiology, 2014, 80, 3793-3803.	1.4	53
80	Genomics and host specialization of honey bee and bumble bee gut symbionts. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11509-11514.	3.3	305
81	Variation in gut microbial communities and its association with pathogen infection in wild bumble bees (<i>Bombus</i>). ISME Journal, 2014, 8, 2369-2379.	4.4	193
82	Routes of Acquisition of the Gut Microbiota of the Honey Bee Apis mellifera. Applied and Environmental Microbiology, 2014, 80, 7378-7387.	1.4	380
83	Host-specific assemblages typify gut microbial communities of related insect species. SpringerPlus, 2014, 3, 138.	1.2	49
84	Parallel Histories of Horizontal Gene Transfer Facilitated Extreme Reduction of Endosymbiont Genomes in Sap-Feeding Insects. Molecular Biology and Evolution, 2014, 31, 857-871.	3.5	180
85	The Tiniest Tiny Genomes. Annual Review of Microbiology, 2014, 68, 195-215.	2.9	312
86	The nutrient supplying capabilities of <i><scp>U</scp>zinura</i>, an endosymbiont of armoured scale insects. Environmental Microbiology, 2013, 15, 1988-1999.	1.8	51
87	Frischella perrara gen. nov., sp. nov., a gammaproteobacterium isolated from the gut of the honeybee, Apis mellifera. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3646-3651.	0.8	96
88	Reconstructing the phylogeny of aphids (Hemiptera: Aphididae) using DNA of the obligate symbiont Buchnera aphidicola. Molecular Phylogenetics and Evolution, 2013, 68, 42-54.	1.2	102
89	Bacteriocyte-Associated Endosymbionts of Insects. , 2013, , 465-496.		30
90	Functional and evolutionary insights into the simple yet specific gut microbiota of the honey bee from metagenomic analysis. Gut Microbes, 2013, 4, 60-65.	4.3	108

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91	Cultivation and characterization of the gut symbionts of honey bees and bumble bees: description of Snodgrassella alvi gen. nov., sp. nov., a member of the family Neisseriaceae of the Betaproteobacteria , and Gilliamella apicola gen. nov., sp. nov., a member of Orbaceae fam. nov., Orbales ord. nov., a sister taxon to the order â€˜ Enterobacteriales. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2008-2018.	0.8	257
92	The gut microbiota of insects â€“ diversity in structure and function. FEMS Microbiology Reviews, 2013, 37, 699-735.	3.9	1,853
93	Standard methods for research on<i>Apis mellifera</i>gut symbionts. Journal of Apicultural Research, 2013, 52, 1-24.	0.7	98
94	Small, Smaller, Smallest: The Origins and Evolution of Ancient Dual Symbioses in a Phloem-Feeding Insect. Genome Biology and Evolution, 2013, 5, 1675-1688.	1.1	276
95	Functional and Evolutionary Analysis of the Genome of an Obligate Fungal Symbiont. Genome Biology and Evolution, 2013, 5, 891-904.	1.1	54
96	Evolutionary replacement of obligate symbionts in an ancient and diverse insect lineage. Environmental Microbiology, 2013, 15, 2073-2081.	1.8	152
97	The Evolution of Genomic Instability in the Obligate Endosymbionts of Whiteflies. Genome Biology and Evolution, 2013, 5, 783-793.	1.1	60
98	Prokaryotic Super Program Advisory Committee DOE Joint Genome Institute, Walnut Creek, CA, March 27, 2013. Standards in Genomic Sciences, 2013, 8, 561-570.	1.5	5
99	Genome Reduction and Co-evolution between the Primary and Secondary Bacterial Symbionts of Psyllids. Molecular Biology and Evolution, 2012, 29, 3781-3792.	3.5	175
100	Genome Shrinkage and Loss of Nutrient-Providing Potential in the Obligate Symbiont of the Primitive Termite Mastotermes darwiniensis. Applied and Environmental Microbiology, 2012, 78, 204-210.	1.4	72
101	Genomic basis of endosymbiont-conferred protection against an insect parasitoid. Genome Research, 2012, 22, 106-114.	2.4	91
102	Genome Sequence of Blattabacterium sp. Strain BGIGA, Endosymbiont of the Blaberus giganteus Cockroach. Journal of Bacteriology, 2012, 194, 4450-4451.	1.0	23
103	Altered tRNA characteristics and 3â€² maturation in bacterial symbionts with reduced genomes. Nucleic Acids Research, 2012, 40, 7870-7884.	6.5	27
104	Functional diversity within the simple gut microbiota of the honey bee. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11002-11007.	3.3	671
105	Establishment of Characteristic Gut Bacteria during Development of the Honeybee Worker. Applied and Environmental Microbiology, 2012, 78, 2830-2840.	1.4	455
106	Long-Term Exposure to Antibiotics Has Caused Accumulation of Resistance Determinants in the Gut Microbiota of Honeybees. MBio, 2012, 3, .	1.8	161
107	Endosymbiotic bacteria as a source of carotenoids in whiteflies. Biology Letters, 2012, 8, 986-989.	1.0	158
108	Diversification of Genes for Carotenoid Biosynthesis in Aphids following an Ancient Transfer from a Fungus. Molecular Biology and Evolution, 2012, 29, 313-323.	3.5	82

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109	Extreme genome reduction in symbiotic bacteria. Nature Reviews Microbiology, 2012, 10, 13-26.	13.6	1,195
110	Distinctive Gut Microbiota of Honey Bees Assessed Using Deep Sampling from Individual Worker Bees. PLoS ONE, 2012, 7, e36393.	1.1	338
111	Independent Studies Using Deep Sequencing Resolve the Same Set of Core Bacterial Species Dominating Gut Communities of Honey Bees. PLoS ONE, 2012, 7, e41250.	1.1	109
112	Effect of Host Genotype on Symbiont Titer in the Aphidâ€"Buchnera Symbiosis. Insects, 2011, 2, 423-434.	1.0	29
113	Massive Genomic Decay in Serratia symbiotica, a Recently Evolved Symbiont of Aphids. Genome Biology and Evolution, 2011, 3, 195-208.	1.1	186
114	Responses of the pea aphid transcriptome to infection by facultative symbionts. Insect Molecular Biology, 2011, 20, 357-365.	1.0	42
115	A simple and distinctive microbiota associated with honey bees and bumble bees. Molecular Ecology, 2011, 20, 619-628.	2.0	462
116	Origin and Examination of a Leafhopper Facultative Endosymbiont. Current Microbiology, 2011, 62, 1565-1572.	1.0	25
117	Sources of variation in dietary requirements in an obligate nutritional symbiosis. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 115-121.	1.2	41
118	Aphid genome expression reveals hostâ€"symbiont cooperation in the production of amino acids. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2849-2854.	3.3	375
119	Sequence Conservation and Functional Constraint on Intergenic Spacers in Reduced Genomes of the Obligate Symbiont Buchnera. PLoS Genetics, 2011, 7, e1002252.	1.5	47
120	Dynamics of genome evolution in facultative symbionts of aphids. Environmental Microbiology, 2010, 12, 2060-2069.	1.8	81
121	Functional Convergence in Reduced Genomes of Bacterial Symbionts Spanning 200 My of Evolution. Genome Biology and Evolution, 2010, 2, 708-718.	1.1	320
122	Facultative Symbionts in Aphids and the Horizontal Transfer of Ecologically Important Traits. Annual Review of Entomology, 2010, 55, 247-266.	5.7	787
123	Effects of facultative symbionts and heat stress on the metabolome of pea aphids. ISME Journal, 2010, 4, 242-252.	4.4	137
124	Dynamics of a Recurrent Buchnera Mutation That Affects Thermal Tolerance of Pea Aphid Hosts. Genetics, 2010, 186, 367-372.	1.2	38
125	Chromosome Stability and Gene Loss in Cockroach Endosymbionts. Applied and Environmental Microbiology, 2010, 76, 4076-4079.	1.4	21
126	Bacterial Genes in the Aphid Genome: Absence of Functional Gene Transfer from Buchnera to Its Host. PLoS Genetics, 2010, 6, e1000827.	1.5	164

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127	Genome Sequence of the Pea Aphid Acyrthosiphon pisum. PLoS Biology, 2010, 8, e1000313.	2.6	913
128	Lateral Transfer of Genes from Fungi Underlies Carotenoid Production in Aphids. Science, 2010, 328, 624-627.	6.0	544
129	One Bacterial Cell, One Complete Genome. PLoS ONE, 2010, 5, e10314.	1.1	215
130	Variable Incidence of Spiroplasma Infections in Natural Populations of Drosophila Species. PLoS ONE, 2009, 4, e5703.	1.1	69
131	The consequences of genetic drift for bacterial genome complexity. Genome Research, 2009, 19, 1450-1454.	2.4	260
132	<i>Hamiltonella defensa</i> , genome evolution of protective bacterial endosymbiont from pathogenic ancestors. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9063-9068.	3.3	214
133	Evolution and Diversity of Facultative Symbionts from the Aphid Subfamily Lachninae. Applied and Environmental Microbiology, 2009, 75, 5328-5335.	1.4	85
134	Convergent evolution of metabolic roles in bacterial co-symbionts of insects. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15394-15399.	3.3	343
135	Nitrogen recycling and nutritional provisioning by<i>Blattabacterium</i>, the cockroach endosymbiont. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19521-19526.	3.3	243
136	Post-Pleistocene radiation of the pea aphid complex revealed by rapidly evolving endosymbionts. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16315-16320.	3.3	97
137	Arsenophonus, an emerging clade of intracellular symbionts with a broad host distribution. BMC Microbiology, 2009, 9, 143.	1.3	185
138	Multiple introductions of the <i>Spiroplasma</i> bacterial endosymbiont into <i>Drosophila</i>. Molecular Ecology, 2009, 18, 1294-1305.	2.0	103
139	Bacteriophages Encode Factors Required for Protection in a Symbiotic Mutualism. Science, 2009, 325, 992-994.	6.0	395
140	The Dynamics and Time Scale of Ongoing Genomic Erosion in Symbiotic Bacteria. Science, 2009, 323, 379-382.	6.0	276
141	Species Response to Environmental Change: Impacts of Food Web Interactions and Evolution. Science, 2009, 323, 1347-1350.	6.0	202
142	Defensive Symbionts in Aphids and Other Insects. Mycology, 2009, , .	0.5	18
143	Origin of an Alternative Genetic Code in the Extremely Small and GCâ€"Rich Genome of a Bacterial Symbiont. PLoS Genetics, 2009, 5, e1000565.	1.5	247
144	Evolutionary genetics of a defensive facultative symbiont of insects: exchange of toxinâ€encoding bacteriophage. Molecular Ecology, 2008, 17, 916-929.	2.0	126

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145	Genomics and Evolution of Heritable Bacterial Symbionts. Annual Review of Genetics, 2008, 42, 165-190.	3.2	1,460
146	Extensive Proliferation of Transposable Elements in Heritable Bacterial Symbionts. Journal of Bacteriology, 2008, 190, 777-779.	1.0	60
147	Diverse Phage-Encoded Toxins in a Protective Insect Endosymbiont. Applied and Environmental Microbiology, 2008, 74, 6782-6791.	1.4	184
148	Population dynamics of defensive symbionts in aphids. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 293-299.	1.2	295
149	Symbiosis as an adaptive process and source of phenotypic complexity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8627-8633.	3.3	418
150	Parallel genomic evolution and metabolic interdependence in an ancient symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19392-19397.	3.3	327
151	Aphid Thermal Tolerance Is Governed by a Point Mutation in Bacterial Symbionts. PLoS Biology, 2007, 5, e96.	2.6	354
152	A Metagenomic Survey of Microbes in Honey Bee Colony Collapse Disorder. Science, 2007, 318, 283-287.	6.0	1,481
153	Bacteriocyte-Associated Endosymbionts of Insects. , 2006, , 403-438.		39
154	Molecular Interactions between Bacterial Symbionts and Their Hosts. Cell, 2006, 126, 453-465.	13.5	481
155	The 160-Kilobase Genome of the Bacterial Endosymbiont Carsonella. Science, 2006, 314, 267-267.	6.0	501
156	Sexual acquisition of beneficial symbionts in aphids. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12803-12806.	3.3	232
157	Co-cladogenesis spanning three phyla: leafhoppers (Insecta: Hemiptera: Cicadellidae) and their dual bacterial symbionts. Molecular Ecology, 2006, 15, 4175-4191.	2.0	144
158	Symbiosis. Current Biology, 2006, 16, R866-R871.	1.8	345
159	A dual-genome microarray for the pea aphid, Acyrthosiphon pisum, and its obligate bacterial symbiont, Buchnera aphidicola. BMC Genomics, 2006, 7, 50.	1.2	73
160	Costs and benefits of symbiont infection in aphids: variation among symbionts and across temperatures. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 603-610.	1.2	395
161	Costs and benefits of a superinfection of facultative symbionts in aphids. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1273-1280.	1.2	230
162	Heritable Endosymbionts of Drosophila. Genetics, 2006, 174, 363-376.	1.2	187

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163	Metabolic Complementarity and Genomics of the Dual Bacterial Symbiosis of Sharpshooters. PLoS Biology, 2006, 4, e188.	2.6	391
164	Functional genomics of Buchnera and the ecology of aphid hosts. Molecular Ecology, 2005, 15, 1251-1261.	2.0	72
165	Extracting single genomes from heterogenous DNA samples: A test case with Carsonella ruddii, the bacterial symbiont of psyllids (Insecta). Journal of Insect Science, 2005, 5, 3.	0.6	2
166	Evolutionary Origins of Genomic Repertoires in Bacteria. PLoS Biology, 2005, 3, e130.	2.6	307
167	Evolutionary Relationships of Three New Species of Enterobacteriaceae Living as Symbionts of Aphids and Other Insects. Applied and Environmental Microbiology, 2005, 71, 3302-3310.	1.4	357
168	The players in a mutualistic symbiosis: Insects, bacteria, viruses, and virulence genes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16919-16926.	3.3	293
169	Variation in resistance to parasitism in aphids is due to symbionts not host genotype. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12795-12800.	3.3	506
170	Horizontal Transfer of Bacterial Symbionts: Heritability and Fitness Effects in a Novel Aphid Host. Applied and Environmental Microbiology, 2005, 71, 7987-7994.	1.4	126
171	Regulation of Transcription in a Reduced Bacterial Genome: Nutrient-Provisioning Genes of the Obligate Symbiont Buchnera aphidicola. Journal of Bacteriology, 2005, 187, 4229-4237.	1.0	127
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