

# Nancy A Moran

## List of Publications by Year in Descending Order

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

276  
papers

37,736  
citations

109  
h-index

191  
g-index

294  
ext. papers

44,709  
ext. citations

8.4  
avg, IF

8.07  
L-index

#	Paper	IF	Citations
276	Why sequence all eukaryotes?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	6
275	Glyphosate induces immune dysregulation in honey bees.. <i>Animal Microbiome</i> , <b>2022</b> , 4, 16	4.1	4
274	Global Composition of the Bacteriophage Community in Honey Bees.. <i>MSystems</i> , <b>2022</b> , e0119521	7.6	0
273	Extreme Polyploidy of , an Organelle-Like Bacterium with a Drastically Reduced Genome.. <i>Microbiology Spectrum</i> , <b>2022</b> , e0035022	8.9	0
272	Species divergence in gut-restricted bacteria of social bees.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2115013119	11.5	0
271	Elucidation of host and symbiont contributions to peptidoglycan metabolism based on comparative genomics of eight aphid subfamilies and their Buchnera.. <i>PLoS Genetics</i> , <b>2022</b> , 18, e1010195	6	0
270	Prospects for probiotics in social bees.. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 377, 20210156	5.8	3
269	Vertical Transmission at the Pathogen-Symbiont Interface: <i>Serratia symbiotica</i> and Aphids. <i>MBio</i> , <b>2021</b> , 12,	7.8	8
268	Isolation of the <i>Buchnera aphidicola</i> flagellum basal body complexes from the <i>Buchnera</i> membrane. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245710	3.7	0
267	Extinction of anciently associated gut bacterial symbionts in a clade of stingless bees. <i>ISME Journal</i> , <b>2021</b> , 15, 2813-2816	11.9	6
266	Thermal niches of specialized gut symbionts: the case of social bees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20201480	4.4	9
265	Genetic innovations in animal-microbe symbioses. <i>Nature Reviews Genetics</i> , <b>2021</b> ,	30.1	8
264	The Gut Microbiota Protects Bees from Invasion by a Bacterial Pathogen. <i>Microbiology Spectrum</i> , <b>2021</b> , 9, e0039421	8.9	8
263	Field-Realistic Tylosin Exposure Impacts Honey Bee Microbiota and Pathogen Susceptibility, Which Is Ameliorated by Native Gut Probiotics. <i>Microbiology Spectrum</i> , <b>2021</b> , 9, e0010321	8.9	6
262	The gut microbiota of bumblebees.. <i>Insectes Sociaux</i> , <b>2021</b> , 68, 287-301	1.5	4
261	Horizontal-Acquisition of a Promiscuous Peptidoglycan-Recycling Enzyme Enables Aphids To Influence Symbiont Cell Wall Metabolism.. <i>MBio</i> , <b>2021</b> , 12, e0263621	7.8	1
260	Coordination of host and symbiont gene expression reveals a metabolic tug-of-war between aphids and. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 2113-2121	11.5	22

259	Engineered symbionts activate honey bee immunity and limit pathogens. <i>Science</i> , <b>2020</b> , 367, 573-576	33.3	81
258	Oral or Topical Exposure to Glyphosate in Herbicide Formulation Impacts the Gut Microbiota and Survival Rates of Honey Bees. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	33
257	The genome sequence of the grape phylloxera provides insights into the evolution, adaptation, and invasion routes of an iconic pest. <i>BMC Biology</i> , <b>2020</b> , 18, 90	7.3	19
256	Impact of Glyphosate on the Honey Bee Gut Microbiota: Effects of Intensity, Duration, and Timing of Exposure. <i>MSystems</i> , <b>2020</b> , 5,	7.6	25
255	Symbionts shape host innate immunity in honeybees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20201184	4.4	17
254	The Aphid X Chromosome Is a Dangerous Place for Functionally Important Genes: Diverse Evolution of Hemipteran Genomes Based on Chromosome-Level Assemblies. <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 2357-2368	8.3	10
253	Engineering a Culturable Strain for Aphid Paratransgenesis. <i>Applied and Environmental Microbiology</i> , <b>2020</b> ,	4.8	7
252	Links between metamorphosis and symbiosis in holometabolous insects. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 374, 20190068	5.8	44
251	Evolutionary and ecological consequences of gut microbial communities. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2019</b> , 50, 451-475	13.5	72
250	Gene Family Evolution in the Pea Aphid Based on Chromosome-Level Genome Assembly. <i>Molecular Biology and Evolution</i> , <b>2019</b> , 36, 2143-2156	8.3	24
249	Genome Evolution of the Obligate Endosymbiont <i>Buchnera aphidicola</i> . <i>Molecular Biology and Evolution</i> , <b>2019</b> , 36, 1481-1489	8.3	38
248	Obligate bacterial endosymbionts limit thermal tolerance of insect host species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24712-24718	11.5	43
247	Division of labor in honey bee gut microbiota for plant polysaccharide digestion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 25909-25916	11.5	80
246	Imidacloprid Decreases Honey Bee Survival Rates but Does Not Affect the Gut Microbiome. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	34
245	Genome Sequences of <i>Apibacter</i> spp., Gut Symbionts of Asian Honey Bees. <i>Genome Biology and Evolution</i> , <b>2018</b> , 10, 1174-1179	3.9	12
244	Microbiome Structure Influences Infection by the Parasite <i>Crithidia bombi</i> in Bumble Bees. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	48
243	The role of the gut microbiome in health and disease of adult honey bee workers. <i>Current Opinion in Insect Science</i> , <b>2018</b> , 26, 97-104	5.1	152
242	Evolutionary loss and replacement of <i>Buchnera</i> , the obligate endosymbiont of aphids. <i>ISME Journal</i> , <b>2018</b> , 12, 898-908	11.9	39

241	Genetic Engineering of Bee Gut Microbiome Bacteria with a Toolkit for Modular Assembly of Broad-Host-Range Plasmids. <i>ACS Synthetic Biology</i> , <b>2018</b> , 7, 1279-1290	5.7	46
240	Modulation of the honey bee queen microbiota: Effects of early social contact. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200527	5.7	21
239	Antibiotics reduce genetic diversity of core species in the honeybee gut microbiome. <i>Molecular Ecology</i> , <b>2018</b> , 27, 2057-2066	5.7	57
238	Glyphosate perturbs the gut microbiota of honey bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 10305-10310	11.5	255
237	Pathogenicity of <i>Serratia marcescens</i> Strains in Honey Bees. <i>MBio</i> , <b>2018</b> , 9,	7.8	46
236	Honey bees as models for gut microbiota research. <i>Lab Animal</i> , <b>2018</b> , 47, 317-325	0.4	85
235	Honeybee gut microbiota promotes host weight gain via bacterial metabolism and hormonal signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 4775-4780	11.5	231
234	Convergent evolution of a modified, acetate-driven TCA cycle in bacteria. <i>Nature Microbiology</i> , <b>2017</b> , 2, 17067	26.6	31
233	Immune system stimulation by the native gut microbiota of honey bees. <i>Royal Society Open Science</i> , <b>2017</b> , 4, 170003	3.3	158
232	Dynamic microbiome evolution in social bees. <i>Science Advances</i> , <b>2017</b> , 3, e1600513	14.3	183
231	A Distinctive and Host-Restricted Gut Microbiota in Populations of a Cactophilic <i>Drosophila</i> Species. <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	23
230	Old and new symbiotic partners in lachnine aphids. <i>Environmental Microbiology</i> , <b>2017</b> , 19, 7	5.2	2
229	Diversification of Type VI Secretion System Toxins Reveals Ancient Antagonism among Bee Gut Microbes. <i>MBio</i> , <b>2017</b> , 8,	7.8	61
228	Antibiotic exposure perturbs the gut microbiota and elevates mortality in honeybees. <i>PLoS Biology</i> , <b>2017</b> , 15, e2001861	9.7	204
227	When Obligate Partners Melt Down. <i>MBio</i> , <b>2016</b> , 7,	7.8	13
226	Insights into the roles of bacterial symbionts within flagellates of termite guts. <i>Environmental Microbiology Reports</i> , <b>2016</b> , 8, 559	3.7	
225	Metabolism of Toxic Sugars by Strains of the Bee Gut Symbiont <i>Gilliamella apicola</i> . <i>MBio</i> , <b>2016</b> , 7,	7.8	122
224	Genome-wide screen identifies host colonization determinants in a bacterial gut symbiont. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13887-13892	11.5	70

223	Intraspecific genetic variation in hosts affects regulation of obligate heritable symbionts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13114-13119	11.5	48
222	<i>Apibacter adventoris</i> gen. nov., sp. nov., a member of the phylum Bacteroidetes isolated from honey bees. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 1323-1329	2.2	21
221	The genome of Rhizobiales bacteria in predatory ants reveals urease gene functions but no genes for nitrogen fixation. <i>Scientific Reports</i> , <b>2016</b> , 6, 39197	4.9	24
220	Genome Sequence of <i>Hafnia alvei</i> bta3_1, a Bacterium with Antimicrobial Properties Isolated from Honey Bee Gut. <i>Genome Announcements</i> , <b>2016</b> , 4,		11
219	The Bee Microbiome: Impact on Bee Health and Model for Evolution and Ecology of Host-Microbe Interactions. <i>MBio</i> , <b>2016</b> , 7, e02164-15	7.8	145
218	Gut microbial communities of social bees. <i>Nature Reviews Microbiology</i> , <b>2016</b> , 14, 374-84	22.2	364
217	Early gut colonizers shape parasite susceptibility and microbiota composition in honey bee workers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 9345-50	11.5	113
216	Strain diversity and host specificity in a specialized gut symbiont of honeybees and bumblebees. <i>Molecular Ecology</i> , <b>2016</b> , 25, 4461-71	5.7	47
215	Two gut community enterotypes recur in diverse bumblebee species. <i>Current Biology</i> , <b>2015</b> , 25, R652-3	6.3	39
214	Evolution of host specialization in gut microbes: the bee gut as a model. <i>Gut Microbes</i> , <b>2015</b> , 6, 214-20	8.8	54
213	The Bacterium <i>Frischella perrara</i> Causes Scab Formation in the Gut of its Honeybee Host. <i>MBio</i> , <b>2015</b> , 6, e00193-15	7.8	62
212	Genomics of the honey bee microbiome. <i>Current Opinion in Insect Science</i> , <b>2015</b> , 10, 22-28	5.1	111
211	Lineage-Specific Patterns of Genome Deterioration in Obligate Symbionts of Sharpshooter Leafhoppers. <i>Genome Biology and Evolution</i> , <b>2015</b> , 8, 296-301	3.9	15
210	<i>Buchnera</i> <b>2015</b> , 1-11		
209	The Hologenome Concept: Helpful or Hollow?. <i>PLoS Biology</i> , <b>2015</b> , 13, e1002311	9.7	259
208	Heritable symbiosis: The advantages and perils of an evolutionary rabbit hole. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 10169-76	11.5	261
207	Experimental replacement of an obligate insect symbiont. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 2093-6	11.5	80
206	Genomic features of a bumble bee symbiont reflect its host environment. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 3793-803	4.8	22

205	Genomics and host specialization of honey bee and bumble bee gut symbionts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 11509-14	11.5	204
204	Variation in gut microbial communities and its association with pathogen infection in wild bumble bees ( <i>Bombus</i> ). <i>ISME Journal</i> , <b>2014</b> , 8, 2369-79	11.9	146
203	Routes of Acquisition of the Gut Microbiota of the Honey Bee <i>Apis mellifera</i> . <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 7378-87	4.8	250
202	Host-specific assemblages typify gut microbial communities of related insect species. <i>SpringerPlus</i> , <b>2014</b> , 3, 138		41
201	Parallel histories of horizontal gene transfer facilitated extreme reduction of endosymbiont genomes in sap-feeding insects. <i>Molecular Biology and Evolution</i> , <b>2014</b> , 31, 857-71	8.3	122
200	The tiniest tiny genomes. <i>Annual Review of Microbiology</i> , <b>2014</b> , 68, 195-215	17.5	220
199	Hidden diversity in honey bee gut symbionts detected by single-cell genomics. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004596	6	102
198	Genome Sequences of <i>Lactobacillus</i> sp. Strains wkB8 and wkB10, Members of the Firm-5 Clade, from Honey Bee Guts. <i>Genome Announcements</i> , <b>2014</b> , 2,		21
197	Differential genome evolution between companion symbionts in an insect-bacterial symbiosis. <i>MBio</i> , <b>2014</b> , 5, e01697-14	7.8	51
196	Swapping symbionts in spittlebugs: evolutionary replacement of a reduced genome symbiont. <i>ISME Journal</i> , <b>2014</b> , 8, 1237-46	11.9	79
195	The impact of microbial symbionts on host plant utilization by herbivorous insects. <i>Molecular Ecology</i> , <b>2014</b> , 23, 1473-96	5.7	267
194	The nutrient supplying capabilities of <i>Uzinura</i> , an endosymbiont of armoured scale insects. <i>Environmental Microbiology</i> , <b>2013</b> , 15, 1988-99	5.2	32
193	<i>Frischella perrara</i> gen. nov., sp. nov., a gammaproteobacterium isolated from the gut of the honeybee, <i>Apis mellifera</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 3646-3651	2.2	73
192	Reconstructing the phylogeny of aphids (Hemiptera: Aphididae) using DNA of the obligate symbiont <i>Buchnera aphidicola</i> . <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 68, 42-54	4.1	71
191	Bacteriocyte-Associated Endosymbionts of Insects <b>2013</b> , 465-496		9
190	Functional and evolutionary insights into the simple yet specific gut microbiota of the honey bee from metagenomic analysis. <i>Gut Microbes</i> , <b>2013</b> , 4, 60-5	8.8	70
189	Cultivation and characterization of the gut symbionts of honey bees and bumble bees: description of <i>Snodgrassella alvi</i> gen. nov., sp. nov., a member of the family Neisseriaceae of the Betaproteobacteria, and <i>Gilliamella apicola</i> gen. nov., sp. nov., a member of Orbaceae fam. nov., Orbales ord. nov., a sister taxon to the order Enterobacteriales of the Gammaproteobacteria.	2.2	168
188	The gut microbiota of insects: diversity in structure and function. <i>FEMS Microbiology Reviews</i> , <b>2013</b> , 37, 699-735	15.1	1124

187	Standard methods for research on <i>Apis mellifera</i> gut symbionts. <i>Journal of Apicultural Research</i> , <b>2013</b> , 52, 1-24	2	62
186	Small, smaller, smallest: the origins and evolution of ancient dual symbioses in a Phloem-feeding insect. <i>Genome Biology and Evolution</i> , <b>2013</b> , 5, 1675-88	3.9	189
185	Functional and evolutionary analysis of the genome of an obligate fungal symbiont. <i>Genome Biology and Evolution</i> , <b>2013</b> , 5, 891-904	3.9	43
184	Evolutionary replacement of obligate symbionts in an ancient and diverse insect lineage. <i>Environmental Microbiology</i> , <b>2013</b> , 15, 2073-81	5.2	111
183	The evolution of genomic instability in the obligate endosymbionts of whiteflies. <i>Genome Biology and Evolution</i> , <b>2013</b> , 5, 783-93	3.9	44
182	Prokaryotic Super Program Advisory Committee DOE Joint Genome Institute, Walnut Creek, CA, March 27, 2013. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 561-70		5
181	Functional diversity within the simple gut microbiota of the honey bee. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 11002-7	11.5	470
180	Establishment of characteristic gut bacteria during development of the honeybee worker. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 2830-40	4.8	305
179	Long-term exposure to antibiotics has caused accumulation of resistance determinants in the gut microbiota of honeybees. <i>MBio</i> , <b>2012</b> , 3,	7.8	115
178	Endosymbiotic bacteria as a source of carotenoids in whiteflies. <i>Biology Letters</i> , <b>2012</b> , 8, 986-9	3.6	113
177	Diversification of genes for carotenoid biosynthesis in aphids following an ancient transfer from a fungus. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 313-23	8.3	59
176	Genome reduction and co-evolution between the primary and secondary bacterial symbionts of psyllids. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 3781-92	8.3	118
175	Genome shrinkage and loss of nutrient-providing potential in the obligate symbiont of the primitive termite <i>Mastotermes darwiniensis</i> . <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 204-10	4.8	53
174	Genomic basis of endosymbiont-conferred protection against an insect parasitoid. <i>Genome Research</i> , <b>2012</b> , 22, 106-14	9.7	73
173	Genome sequence of <i>Blattabacterium</i> sp. strain BGIGA, endosymbiont of the <i>Blaberus giganteus</i> cockroach. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 4450-1	3.5	20
172	Altered tRNA characteristics and 3S maturation in bacterial symbionts with reduced genomes. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 7870-84	20.1	22
171	Distinctive gut microbiota of honey bees assessed using deep sampling from individual worker bees. <i>PLoS ONE</i> , <b>2012</b> , 7, e36393	3.7	258
170	Independent studies using deep sequencing resolve the same set of core bacterial species dominating gut communities of honey bees. <i>PLoS ONE</i> , <b>2012</b> , 7, e41250	3.7	86

169	Extreme genome reduction in symbiotic bacteria. <i>Nature Reviews Microbiology</i> , <b>2011</b> , 10, 13-26	22.2	873
168	Effect of Host Genotype on Symbiont Titer in the Aphid-Buchnera Symbiosis. <i>Insects</i> , <b>2011</b> , 2, 423-34	2.8	20
167	Massive genomic decay in <i>Serratia symbiotica</i> , a recently evolved symbiont of aphids. <i>Genome Biology and Evolution</i> , <b>2011</b> , 3, 195-208	3.9	153
166	Responses of the pea aphid transcriptome to infection by facultative symbionts. <i>Insect Molecular Biology</i> , <b>2011</b> , 20, 357-65	3.4	27
165	A simple and distinctive microbiota associated with honey bees and bumble bees. <i>Molecular Ecology</i> , <b>2011</b> , 20, 619-28	5.7	349
164	Origin and examination of a leafhopper facultative endosymbiont. <i>Current Microbiology</i> , <b>2011</b> , 62, 1565-72	2.4	21
163	Sources of variation in dietary requirements in an obligate nutritional symbiosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 278, 115-21	4.4	37
162	Aphid genome expression reveals host-symbiont cooperation in the production of amino acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 2849-54	11.5	265
161	Sequence conservation and functional constraint on intergenic spacers in reduced genomes of the obligate symbiont <i>Buchnera</i> . <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002252	6	37
160	Effects of facultative symbionts and heat stress on the metabolome of pea aphids. <i>ISME Journal</i> , <b>2010</b> , 4, 242-52	11.9	101
159	Dynamics of a recurrent <i>Buchnera</i> mutation that affects thermal tolerance of pea aphid hosts. <i>Genetics</i> , <b>2010</b> , 186, 367-72	4	28
158	Chromosome stability and gene loss in cockroach endosymbionts. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 4076-9	4.8	21
157	Bacterial genes in the aphid genome: absence of functional gene transfer from <i>Buchnera</i> to its host. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1000827	6	140
156	Genome sequence of the pea aphid <i>Acyrtosiphon pisum</i> . <i>PLoS Biology</i> , <b>2010</b> , 8, e1000313	9.7	732
155	Lateral transfer of genes from fungi underlies carotenoid production in aphids. <i>Science</i> , <b>2010</b> , 328, 624-7	33.3	448
154	Dynamics of genome evolution in facultative symbionts of aphids. <i>Environmental Microbiology</i> , <b>2010</b> , 12, 2060-9	5.2	62
153	Functional convergence in reduced genomes of bacterial symbionts spanning 200 My of evolution. <i>Genome Biology and Evolution</i> , <b>2010</b> , 2, 708-18	3.9	244
152	Facultative symbionts in aphids and the horizontal transfer of ecologically important traits. <i>Annual Review of Entomology</i> , <b>2010</b> , 55, 247-66	21.8	637



151	One bacterial cell, one complete genome. <i>PLoS ONE</i> , <b>2010</b> , 5, e10314	3.7	184
150	Variable incidence of Spiroplasma infections in natural populations of Drosophila species. <i>PLoS ONE</i> , <b>2009</b> , 4, e5703	3.7	46
149	The consequences of genetic drift for bacterial genome complexity. <i>Genome Research</i> , <b>2009</b> , 19, 1450-4	9.7	204
148	Hamiltonella defensa, genome evolution of protective bacterial endosymbiont from pathogenic ancestors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 9063-8	11.5	187
147	Evolution and diversity of facultative symbionts from the aphid subfamily Lachninae. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 5328-35	4.8	73
146	Convergent evolution of metabolic roles in bacterial co-symbionts of insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 15394-9	11.5	256
145	Nitrogen recycling and nutritional provisioning by Blattabacterium, the cockroach endosymbiont. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 19521-6	11.5	192
144	Post-Pleistocene radiation of the pea aphid complex revealed by rapidly evolving endosymbionts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 16315-20	11.5	80
143	Arsenophonus, an emerging clade of intracellular symbionts with a broad host distribution. <i>BMC Microbiology</i> , <b>2009</b> , 9, 143	4.5	134
142	Multiple introductions of the Spiroplasma bacterial endosymbiont into Drosophila. <i>Molecular Ecology</i> , <b>2009</b> , 18, 1294-305	5.7	87
141	Bacteriophages encode factors required for protection in a symbiotic mutualism. <i>Science</i> , <b>2009</b> , 325, 992-4	33.3	340
140	The dynamics and time scale of ongoing genomic erosion in symbiotic bacteria. <i>Science</i> , <b>2009</b> , 323, 379-83	33.3	235
139	Species response to environmental change: impacts of food web interactions and evolution. <i>Science</i> , <b>2009</b> , 323, 1347-50	33.3	167
138	Defensive Symbionts in Aphids and Other Insects. <i>Mycology</i> , <b>2009</b> ,		12
137	Origin of an alternative genetic code in the extremely small and GC-rich genome of a bacterial symbiont. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000565	6	193
136	Genomics and evolution of heritable bacterial symbionts. <i>Annual Review of Genetics</i> , <b>2008</b> , 42, 165-90	14.5	1128
135	Extensive proliferation of transposable elements in heritable bacterial symbionts. <i>Journal of Bacteriology</i> , <b>2008</b> , 190, 777-9	3.5	50
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