Olivier Duron

List of Publications by Year
in descending order

60 papers	3,780 citations	159358 30 h-index	143772 57 g-index
69 all docs	69 docs citations	69 times ranked	3375 citing authors

#	Article	IF	Citations
1	Ecological Contacts and Host Specificity Promote Replacement of Nutritional Endosymbionts in Ticks. Microbial Ecology, 2022, 83, 776-788.	1.4	3
2	Changes in Bacterial Diversity, Composition and Interactions During the Development of the Seabird Tick Ornithodoros maritimus (Argasidae). Microbial Ecology, 2021, 81, 770-783.	1.4	10
3	Habitat fragmentation differentially shapes neutral and immune gene variation in a tropical bird species. Heredity, 2021, 126, 148-162.	1.2	11
4	Vector competence of the African argasid tick Ornithodoros moubata for the Q fever agent Coxiella burnetii. PLoS Neglected Tropical Diseases, 2021, 15, e0009008.	1.3	7
5	Evidence that microbes identified as tick-borne pathogens are nutritional endosymbionts. Cell, 2021, 184, 2259-2260.	13.5	15
6	Infection with Borrelia afzelii and manipulation of the egg surface microbiota have no effect on the fitness of immature Ixodes ricinus ticks. Scientific Reports, 2021, 11, 10686.	1.6	8
7	Borrelia afzelii Infection in the Rodent Host Has Dramatic Effects on the Bacterial Microbiome of Ixodes ricinus Ticks. Applied and Environmental Microbiology, 2021, 87, e0064121.	1.4	13
8	Ecology, evolution, and epidemiology of zoonotic and vector-borne infectious diseases in French Guiana: Transdisciplinarity does matter to tackle new emerging threats. Infection, Genetics and Evolution, 2021, 93, 104916.	1.0	22
9	Allergy to Mammalian Meat Linked to Alpha-Gal Syndrome Potentially After Tick Bite in the Amazon: A Case Series. American Journal of Tropical Medicine and Hygiene, 2021, 105, 1396-1403.	0.6	4
10	A dual endosymbiosis supports nutritional adaptation to hematophagy in the invasive tick Hyalomma marginatum. ELife, 2021, 10, .	2.8	32
11	Convergence of Nutritional Symbioses in Obligate Blood Feeders. Trends in Parasitology, 2020, 36, 816-825.	1.5	49
12	A novel Borrelia species, intermediate between Lyme disease and relapsing fever groups, in neotropical passerine-associated ticks. Scientific Reports, 2020, 10, 10596.	1.6	32
13	Microbial community structure reveals instability of nutritional symbiosis during the evolutionary radiation of <i>Amblyomma</i> ticks. Molecular Ecology, 2020, 29, 1016-1029.	2.0	48
14	Novel Rickettsia genotypes in ticks in French Guiana, South America. Scientific Reports, 2020, 10, 2537.	1.6	13
15	Two novel Rickettsia species of soft ticks in North Africa: â€˜Candidatus Rickettsia africaseptentrionalisâ€™ and â€˜Candidatus Rickettsia mauretanicaâ€™. Ticks and Tick-borne Diseases, 2020, 11, 101376.	1.1	21
16	Natural <i>Wolbachia</i> infections are common in the major malaria vectors in Central Africa. Evolutionary Applications, 2019, 12, 1583-1594.	1.5	36
17	Surface sterilization methods impact measures of internal microbial diversity in ticks. Parasites and Vectors, 2019, 12, 268.	1.0	81
18	Tissue localization of Coxiella-like endosymbionts in three European tick species through fluorescence in situ hybridization. Ticks and Tick-borne Diseases, 2019, 10, 798-804.	1.1	27

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19	Phylogenetics of the Spiroplasma ixodetis endosymbiont reveals past transfers between ticks and other arthropods. Ticks and Tick-borne Diseases, 2019, 10, 575-584.	1.1	28
20	Survey of ticks in French Guiana. Ticks and Tick-borne Diseases, 2019, 10, 77-85.	1.1	20
21	Endosymbiont diversity and prevalence in herbivorous spider mite populations in South-Western Europe. FEMS Microbiology Ecology, 2018, 94, .	1.3	53
22	Sex ratios of the tick Ixodes arboricola are strongly female-biased, but there are no indications of sex-distorting bacteria. Ticks and Tick-borne Diseases, 2018, 9, 307-313.	1.1	16
23	The Importance of Revisiting Legionellales Diversity. Trends in Parasitology, 2018, 34, 1027-1037.	1.5	26
24	Tick-Bacteria Mutualism Depends on B Vitamin Synthesis Pathways. Current Biology, 2018, 28, 1896-1902.e5.	1.8	246
25	Evolutionary changes in symbiont community structure in ticks. Molecular Ecology, 2017, 26, 2905-2921.	2.0	187
26	The Tick Microbiome: Why Non-pathogenic Microorganisms Matter in Tick Biology and Pathogen Transmission. Frontiers in Cellular and Infection Microbiology, 2017, 7, 236.	1.8	267
27	A wide diversity of <i>Pantoea</i> lineages are engaged in mutualistic symbiosis and cospeciation processes with stinkbugs. Environmental Microbiology Reports, 2016, 8, 715-727.	1.0	34
28	The High Diversity and Global Distribution of the Intracellular Bacterium Rickettsiella in the Polar Seabird Tick Ixodes uriae. Microbial Ecology, 2016, 71, 761-770.	1.4	27
29	The Bacteriome of Bat Flies (Nycteribiidae) from the Malagasy Region: a Community Shaped by Host Ecology, Bacterial Transmission Mode, and Host-Vector Specificity. Applied and Environmental Microbiology, 2016, 82, 1778-1788.	1.4	71
30	Molecular methods routinely used to detect <i>Coxiella burnetii</i> in ticks cross-react with <i>Coxiella</i>-like bacteria. Infection Ecology and Epidemiology, 2015, 5, 29230.	0.5	32
31	The Recent Evolution of a Maternally-Inherited Endosymbiont of Ticks Led to the Emergence of the Q Fever Pathogen, Coxiella burnetii. PLoS Pathogens, 2015, 11, e1004892.	2.1	218
32	The IS1111 insertion sequence used for detection ofCoxiella burnetiiis widespread inCoxiella-like endosymbionts of ticks. FEMS Microbiology Letters, 2015, 362, fnv132.	0.7	46
33	The Importance of Ticks in Q Fever Transmission: What Has (and Has Not) Been Demonstrated?. Trends in Parasitology, 2015, 31, 536-552.	1.5	149
34	Stable coexistence of incompatible <i>Wolbachia</i> along a narrow contact zone in mosquito field populations. Molecular Ecology, 2015, 24, 508-521.	2.0	25
35	<i>Arsenophonus</i>insect symbionts are commonly infected with APSE, a bacteriophage involved in protective symbiosis. FEMS Microbiology Ecology, 2014, 90, 184-194.	1.3	36
36	Origin, acquisition and diversification of heritable bacterial endosymbionts in louse flies and bat flies. Molecular Ecology, 2014, 23, 2105-2117.	2.0	38

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37	Dynamics of prevalence and diversity of avian malaria infections in wild Culex pipiens mosquitoes: the effects of Wolbachia, filarial nematodes and insecticide resistance. Parasites and Vectors, 2014, 7, 437.	1.0	41
38	Diversity and global distribution of the Coxiella intracellular bacterium in seabird ticks. Ticks and Tick-borne Diseases, 2014, 5, 557-563.	1.1	77
39	Arthropods and inherited bacteria: from counting the symbionts to understanding how symbionts count. BMC Biology, 2013, 11, 45.	1.7	96
40	Population structure of Wolbachia and cytoplasmic introgression in a complex of mosquito species. BMC Evolutionary Biology, 2013, 13, 181.	3.2	57
41	On the Genetic Architecture of Cytoplasmic Incompatibility: Inference from Phenotypic Data. American Naturalist, 2013, 182, E15-E24.	1.0	17
42	Evolution and diversity of <i><scp>A</scp>rsenophonus</i> endosymbionts in aphids. Molecular Ecology, 2013, 22, 260-270.	2.0	83
43	Distribution of Endosymbiotic Reproductive Manipulators Reflects Invasion Process and Not Reproductive System Polymorphism in the Little Fire Ant Wasmannia auropunctata. PLoS ONE, 2013, 8, e58467.	1.1	26
44	Rapid evolution of<i>Wolbachia</i>incompatibility types. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4473-4480.	1.2	15
45	Mod/Resc Parsimony Inference: Theory and application. Information and Computation, 2012, 213, 23-32.	0.5	6
46	Multiple Wolbachia determinants control the evolution of cytoplasmic incompatibilities in Culex pipiens mosquito populations. Molecular Ecology, 2011, 20, 286-298.	2.0	46
47	Adaptation due to symbionts and conflicts between heritable agents of biological information. Nature Reviews Genetics, 2011, 12, 663-663.	7.7	18
48	Diversification of Wolbachia Endosymbiont in the Culex pipiens Mosquito. Molecular Biology and Evolution, 2011, 28, 2761-2772.	3.5	114
49	Cytoplasmic Incompatibility as a Means of Controlling Culex pipiens quinquefasciatus Mosquito in the Islands of the South-Western Indian Ocean. PLoS Neglected Tropical Diseases, 2011, 5, e1440.	1.3	74
50	Interspecific transmission of a maleâ€killing bacterium on an ecological timescale. Ecology Letters, 2010, 13, 1139-1148.	3.0	100
51	Mod/Resc Parsimony Inference. Lecture Notes in Computer Science, 2010, , 202-213.	1.0	3
52	The diversity of reproductive parasites among arthropods: Wolbachiado not walk alone. BMC Biology, 2008, 6, 27.	1.7	596
53	High incidence of the maternally inherited bacterium <i>Cardinium</i> in spiders. Molecular Ecology, 2008, 17, 1427-1437.	2.0	102
54	Variability and Expression of Ankyrin Domain Genes in Wolbachia Variants Infecting the Mosquito Culex pipiens. Journal of Bacteriology, 2007, 189, 4442-4448.	1.0	54

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55	Absence of Wolbachia in Nonfilariid Worms Parasitizing Arthropods. Current Microbiology, 2007, 55, 193-197.	1.0	19
56	Tracking factors modulating cytoplasmic incompatibilities in the mosquito Culex pipiens. Molecular Ecology, 2006, 15, 3061-3071.	2.0	61
57	Hypervariable prophage WO sequences describe an unexpected high number of Wolbachia variants in the mosquito Culex pipiens. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 495-502.	1.2	49
58	HIGH WOLBACHIA DENSITY CORRELATES WITH COST OF INFECTION FOR INSECTICIDE RESISTANT CULEX PIPIENS MOSQUITOES. Evolution; International Journal of Organic Evolution, 2006, 60, 303.	1.1	28
59	High Wolbachia density correlates with cost of infection for insecticide resistant Culex pipiens mosquitoes. Evolution; International Journal of Organic Evolution, 2006, 60, 303-14.	1.1	49
60	Transposable element polymorphism of Wolbachia in the mosquito Culex pipiens: evidence of genetic diversity, superinfection and recombination. Molecular Ecology, 2005, 14, 1561-1573.	2.0	72