

# Claudio Bandi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2481606/publications.pdf>

Version: 2024-02-01

181  
papers

12,455  
citations

19608

61  
h-index

29081

104  
g-index

191  
all docs

191  
docs citations

191  
times ranked

8742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogeny of Wolbachia in filarial nematodes. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 2407-2413.	1.2	493
2	A phylogenetic analysis of filarial nematodes: comparison with the phylogeny of Wolbachia endosymbionts. Parasitology, 2001, 122, 93-103.	0.7	398
3	Bacteria of the genus Asaia stably associate with Anopheles stephensi, an Asian malarial mosquito vector. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9047-9051.	3.3	391
4	Evidence from multiple gene sequences indicates that termites evolved from wood-feeding cockroaches. Current Biology, 2000, 10, 801-804.	1.8	369
5	Wolbachia. Bacterial Endosymbionts of Filarial Nematodes. Advances in Parasitology, 2005, 60, 245-284.	1.4	343
6	An obligately endosymbiotic mycorrhizal fungus itself harbors obligately intracellular bacteria. Applied and Environmental Microbiology, 1996, 62, 3005-3010.	1.4	295
7	Acetic Acid Bacteria, Newly Emerging Symbionts of Insects. Applied and Environmental Microbiology, 2010, 76, 6963-6970.	1.4	281
8	How Many Wolbachia Supergroups Exist?. Molecular Biology and Evolution, 2002, 19, 341-346.	3.5	254
9	Mapping the presence of Wolbachia pipientis on the phylogeny of filarial nematodes: evidence for symbiont loss during evolution. International Journal for Parasitology, 2004, 34, 191-203.	1.3	235
10	Molecular evidence for a close relative of the arthropod endosymbiont Wolbachia in a filarial worm. Molecular and Biochemical Parasitology, 1995, 74, 223-227.	0.5	231
11	Effects of tetracycline on the filarial worms Brugia pahangi and Dirofilaria immitis and their bacterial endosymbionts Wolbachia. Note: Nucleotide sequence data reported in this paper are available in the embl, GeneBank™ and DDJB databases under accession number AJ012646.. International Journal for Parasitology, 1999, 29, 357-364.	1.3	224
12	Phylogeny of Wolbachia pipientis based on gltA, groEL and ftsZ gene sequences: clustering of arthropod and nematode symbionts in the F supergroup, and evidence for further diversity in the Wolbachia tree. Microbiology (United Kingdom), 2005, 151, 4015-4022.	0.7	216
13	Wolbachia endobacteria depletion by doxycycline as antifilarial therapy has macrofilaricidal activity in onchocerciasis: a randomized placebo-controlled study. Medical Microbiology and Immunology, 2008, 197, 295-311.	2.6	216
14	Integrated taxonomy: traditional approach and DNA barcoding for the identification of filarioid worms and related parasites (Nematoda). Frontiers in Zoology, 2009, 6, 1.	0.9	212
15	Wolbachia in filarial nematodes: evolutionary aspects and implications for the pathogenesis and treatment of filarial diseases. Veterinary Parasitology, 2001, 98, 215-238.	0.7	204
16	Delayed larval development in Anopheles mosquitoes deprived of Asaia bacterial symbionts. BMC Microbiology, 2012, 12, S2.	1.3	186
17	The Major Surface Protein of Wolbachia Endosymbionts in Filarial Nematodes Elicits Immune Responses through TLR2 and TLR4. Journal of Immunology, 2004, 173, 437-445.	0.4	185
18	Candidatus Midichloria mitochondrii™, an endosymbiont of the tick Ixodes ricinus with a unique intramitochondrial lifestyle. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2535-2540.	0.8	185

#	ARTICLE	IF	CITATIONS
19	Evidence for Coeladogenesis Between Diverse Dictyopteran Lineages and Their Intracellular Endosymbionts. <i>Molecular Biology and Evolution</i> , 2003, 20, 907-913.	3.5	173
20	<i>Asaia</i> , a versatile acetic acid bacterial symbiont, capable of cross-colonizing insects of phylogenetically distant genera and orders. <i>Environmental Microbiology</i> , 2009, 11, 3252-3264.	1.8	167
21	Detritivory, coprophagy, and the evolution of digestive mutualisms in Dictyoptera. <i>Insectes Sociaux</i> , 2001, 48, 194-201.	0.7	161
22	Taxonomic status of the intracellular bacterium <i>Wolbachia pipientis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 654-657.	0.8	157
23	New Insights into the Evolution of <i>Wolbachia</i> Infections in Filarial Nematodes Inferred from a Large Range of Screened Species. <i>PLoS ONE</i> , 2011, 6, e20843.	1.1	153
24	Inherited microorganisms, sex-specific virulence and reproductive parasitism. <i>Trends in Parasitology</i> , 2001, 17, 88-94.	1.5	150
25	Mosquito-Bacteria Symbiosis: The Case of <i>Anopheles gambiae</i> and <i>Asaia</i> . <i>Microbial Ecology</i> , 2010, 60, 644-654.	1.4	150
26	Gut microbiome dysbiosis and honeybee health. <i>Journal of Applied Entomology</i> , 2011, 135, 524-533.	0.8	148
27	Combined ivermectin and doxycycline treatment has microfilaricidal and adulticidal activity against <i>Dirofilaria immitis</i> in experimentally infected dogs. <i>International Journal for Parasitology</i> , 2008, 38, 1401-1410.	1.3	144
28	The establishment of intracellular symbiosis in an ancestor of cockroaches and termites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 259, 293-299.	1.2	141
29	Paternal transmission of symbiotic bacteria in malaria vectors. <i>Current Biology</i> , 2008, 18, R1087-R1088.	1.8	133
30	Microbial symbionts: a resource for the management of insect-related problems. <i>Microbial Biotechnology</i> , 2012, 5, 307-317.	2.0	131
31	Flavobacteria as intracellular symbionts in cockroaches. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1994, 257, 43-48.	1.2	127
32	<i>Acetobacter tropicalis</i> is a Major Symbiont of the Olive Fruit Fly ( <i>Bactrocera oleae</i> ). <i>Applied and Environmental Microbiology</i> , 2009, 75, 3281-3288.	1.4	127
33	Phylogenomic Evidence for the Presence of a Flagellum and <i>cbb3</i> Oxidase in the Free-Living Mitochondrial Ancestor. <i>Molecular Biology and Evolution</i> , 2011, 28, 3285-3296.	3.5	124
34	The genome of the heartworm, <i>Dirofilaria immitis</i> , reveals drug and vaccine targets. <i>FASEB Journal</i> , 2012, 26, 4650-4661.	0.2	124
35	RAPD fingerprints for identification and for taxonomic studies of elite poplar ( <i>Populus</i> spp.) clones. <i>Theoretical and Applied Genetics</i> , 1993, 87, 54-59.	1.8	117
36	<i>Wolbachia</i> Bacteria of Filarial Nematodes: A Target for Control?. <i>Parasitology Today</i> , 2000, 16, 179-180.	3.1	106

#	ARTICLE	IF	CITATIONS
37	<i>Midichloria mitochondrii</i> is widespread in hard ticks (Ixodidae) and resides in the mitochondria of phylogenetically diverse species. <i>Parasitology</i> , 2008, 135, 485-494.	0.7	106
38	Effects of global changes on the climatic niche of the tick <i>Ixodes ricinus</i> inferred by species distribution modelling. <i>Parasites and Vectors</i> , 2013, 6, 271.	1.0	106
39	“Candidatus <i>Midichloriaceae</i> ” fam. nov. (Rickettsiales), an Ecologically Widespread Clade of Intracellular Alphaproteobacteria. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3241-3248.	1.4	99
40	Tetracycline treatment and sex-ratio distortion: a role for <i>Wolbachia</i> in the moulting of filarial nematodes?. <i>International Journal for Parasitology</i> , 2002, 32, 1457-1468.	1.3	97
41	Efficacy of 5-week doxycycline treatment on adult <i>Onchocerca volvulus</i> . <i>Parasitology Research</i> , 2009, 104, 437-447.	0.6	97
42	Genomic Epidemiology of <i>Klebsiella pneumoniae</i> in Italy and Novel Insights into the Origin and Global Evolution of Its Resistance to Carbapenem Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 389-396.	1.4	97
43	Bacteria of the Genus <i>Asaia</i> : A Potential Paratransgenic Weapon Against Malaria. <i>Advances in Experimental Medicine and Biology</i> , 2008, 627, 49-59.	0.8	97
44	Widespread distribution and high prevalence of an alpha-proteobacterial symbiont in the tick <i>Ixodes ricinus</i> . <i>Environmental Microbiology</i> , 2006, 8, 1280-1287.	1.8	91
45	<i>Adonia variegata</i> (Coleoptera: Coccinellidae) bears maternally inherited Flavobacteria that kill males only. <i>Parasitology</i> , 1999, 118, 125-134.	0.7	89
46	A Novel Bacteroidetes Symbiont Is Localized in <i>Scaphoideus titanus</i> , the Insect Vector of Flavescence Doree in <i>Vitis vinifera</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 1467-1475.	1.4	89
47	Multiple symbiosis in the leafhopper <i>Scaphoideus titanus</i> (Hemiptera: Cicadellidae): Details of transovarial transmission of <i>Cardinium</i> sp. and yeast-like endosymbionts. <i>Tissue and Cell</i> , 2008, 40, 231-242.	1.0	88
48	Molecular Evidence for Multiple Infections as Revealed by Typing of <i>Asaia</i> Bacterial Symbionts of Four Mosquito Species. <i>Applied and Environmental Microbiology</i> , 2010, 76, 7444-7450.	1.4	87
49	Parasitism and Mutualism in <i>Wolbachia</i> : What the Phylogenomic Trees Can and Cannot Say. <i>Molecular Biology and Evolution</i> , 2008, 26, 231-241.	3.5	86
50	A Novel Alpha-Proteobacterium Resides in the Mitochondria of Ovarian Cells of the Tick <i>Ixodes ricinus</i> . <i>Applied and Environmental Microbiology</i> , 2004, 70, 2596-2602.	1.4	85
51	Determination of <i>Wolbachia</i> Genome Size by Pulsed-Field Gel Electrophoresis. <i>Journal of Bacteriology</i> , 2001, 183, 2219-2225.	1.0	83
52	Interactions between <i>Asaia</i> , <i>Plasmodium</i> and <i>Anopheles</i> : new insights into mosquito symbiosis and implications in Malaria Symbiotic Control. <i>Parasites and Vectors</i> , 2013, 6, 182.	1.0	82
53	Random amplified polymorphic DNA fingerprints of the eight taxa of <i>Trichinella</i> and their comparison with allozyme analysis. <i>Parasitology</i> , 1995, 110, 401-407.	0.7	80
54	wsp Gene Sequences from the <i>Wolbachia</i> of Filarial Nematodes. <i>Current Microbiology</i> , 2000, 41, 96-100.	1.0	79

#	ARTICLE	IF	CITATIONS
55	The diversity of inherited parasites of insects: the male-killing agent of the ladybird beetle <i>Coleomegilla maculata</i> is a member of the Flavobacteria. <i>Genetical Research</i> , 1997, 70, 1-6.	0.3	77
56	Antigenic role of the endosymbionts of filarial nematodes: IgG response against the Wolbachia surface protein in cats infected with <i>Dirofilaria immitis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 2511-2516.	1.2	75
57	Effects of the Diet on the Microbiota of the Red Palm Weevil (Coleoptera: Dryophthoridae). <i>PLoS ONE</i> , 2015, 10, e0117439.	1.1	74
58	Tracking Nosocomial <i>Klebsiella pneumoniae</i> Infections and Outbreaks by Whole-Genome Analysis: Small-Scale Italian Scenario within a Single Hospital. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2861-2868.	1.8	71
59	Immunological role of the endosymbionts of <i>Dirofilaria immitis</i> : the Wolbachia surface protein activates canine neutrophils with production of IL-8. <i>Veterinary Parasitology</i> , 2003, 117, 73-83.	0.7	69
60	Different mosquito species host <i>Wickerhamomyces anomalus</i> ( <i>Pichia anomala</i> ): perspectives on vector-borne diseases symbiotic control. <i>Antonie Van Leeuwenhoek</i> , 2011, 99, 43-50.	0.7	68
61	Bacterial Endosymbiont Localization in <i>Hyalesthes obsoletus</i> , the Insect Vector of Bois Noir in <i>Vitis vinifera</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 1423-1435.	1.4	68
62	<i>Candidatus</i> <i>Midichloria</i> Endosymbionts Bloom after the Blood Meal of the Host, the Hard Tick <i>Ixodes ricinus</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 6138-6140.	1.4	67
63	Humans parasitized by the hard tick <i>Ixodes ricinus</i> are seropositive to <i>Midichloria mitochondrii</i> : is <i>Midichloria</i> a novel pathogen, or just a marker of tick bite?. <i>Pathogens and Global Health</i> , 2012, 106, 391-396.	1.0	67
64	<i>Deianiraea</i> , an extracellular bacterium associated with the ciliate <i>Paramecium</i> , suggests an alternative scenario for the evolution of <i>Rickettsiales</i> . <i>ISME Journal</i> , 2019, 13, 2280-2294.	4.4	67
65	Acetic Acid Bacteria Genomes Reveal Functional Traits for Adaptation to Life in Insect Guts. <i>Genome Biology and Evolution</i> , 2014, 6, 912-920.	1.1	66
66	The yeast <i>Wickerhamomyces anomalus</i> ( <i>Pichia anomala</i> ) inhabits the midgut and reproductive system of the Asian malaria vector <i>Anopheles stephensi</i> . <i>Environmental Microbiology</i> , 2011, 13, 911-921.	1.8	65
67	<i>Wolbachia</i> and the antifilarial properties of tetracycline. An untold story. <i>Italian Journal of Zoology</i> , 1999, 66, 7-10.	0.6	61
68	A Diverse Population of Introns in the Nuclear Ribosomal Genes of Ericoid Mycorrhizal Fungi Includes Elements with Sequence Similarity to Endonuclease-Coding Genes. <i>Molecular Biology and Evolution</i> , 2000, 17, 44-59.	3.5	60
69	Molecular identification of Wolbachia from the filarial nematode <i>Mansonella ozzardi</i> . <i>Parasitology Research</i> , 2001, 87, 417-420.	0.6	60
70	ABC transporters are involved in defense against permethrin insecticide in the malaria vector <i>Anopheles stephensi</i> . <i>Parasites and Vectors</i> , 2014, 7, 349.	1.0	58
71	Description of <i>Cryptocercus clevelandi</i> (Dictyoptera: Cryptocercidae) from the Northwestern United States, Molecular Analysis of Bacterial Symbionts in its Fat Body, and Notes on Biology, Distribution, and Biogeography. <i>Annals of the Entomological Society of America</i> , 1997, 90, 416-424.	1.3	55
72	Wolbachia surface protein (WSP) inhibits apoptosis in human neutrophils. <i>Parasite Immunology</i> , 2007, 29, 73-9.	0.7	55

#	ARTICLE	IF	CITATIONS
73	Molecular and serological evidence for the circulation of the tick symbiont <i>Midichloria</i> ( <i>Rickettsiales: Midichloriaceae</i> ) in different mammalian species. <i>Parasites and Vectors</i> , 2013, 6, 350.	1.0	53
74	Evolution of Mitochondria Reconstructed from the Energy Metabolism of Living Bacteria. <i>PLoS ONE</i> , 2014, 9, e96566.	1.1	52
75	Random amplified polymorphic DNA technique for the identification of <i>Trichinella</i> species. <i>Parasitology</i> , 1993, 107, 419-424.	0.7	51
76	A <i>Wickerhamomyces anomalus</i> Killer Strain in the Malaria Vector <i>Anopheles stephensi</i> . <i>PLoS ONE</i> , 2014, 9, e95988.	1.1	50
77	Maintenance of essential amino acid synthesis pathways in the <i>Blattabacterium cuenoti</i> symbiont of a wood-feeding cockroach. <i>Biology Letters</i> , 2013, 9, 20121153.	1.0	45
78	Tick-Box for 3'â€²-End Formation of Mitochondrial Transcripts in Ixodida, Basal Chelicerates and <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e47538.	1.1	45
79	Tissue tropism and metabolic pathways of <i>Midichloria mitochondrii</i> suggest tissue-specific functions in the symbiosis with <i>Ixodes ricinus</i> . <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 1070-1077.	1.1	44
80	Metamicrobiomics in herbivore beetles of the genus <i>Cryptocephalus</i> ( <i>Chrysomelidae</i> ): toward the understanding of ecological determinants in insect symbiosis. <i>Insect Science</i> , 2015, 22, 340-352.	1.5	41
81	Distribution pattern of bovine viral diarrhoea virus strains in intensive cattle herds in Italy. <i>Veterinary Microbiology</i> , 2001, 83, 265-274.	0.8	39
82	The choreography of the chemical defense response to insecticide stress: insights into the <i>Anopheles stephensi</i> transcriptome using RNA-Seq. <i>Scientific Reports</i> , 2017, 7, 41312.	1.6	39
83	<i>Wolbachia</i> Genomes and the Many Faces of Symbiosis. <i>Parasitology Today</i> , 1999, 15, 428-429.	3.1	38
84	<i>Tunga penetrans</i> : molecular identification of <i>Wolbachia</i> endobacteria and their recognition by antibodies against proteins of endobacteria from filarial parasites. <i>Experimental Parasitology</i> , 2002, 102, 201-211.	0.5	38
85	Immunoglobulin G Antibodies against the Endosymbionts of Filarial Nematodes ( <i>Wolbachia</i> ) in Patients with Pulmonary Dirofilariasis. <i>Vaccine Journal</i> , 2003, 10, 180-181.	3.2	38
86	Supergroup C <i>Wolbachia</i> , mutualist symbionts of filarial nematodes, have a distinct genome structure. <i>Open Biology</i> , 2015, 5, 150099.	1.5	38
87	RAPD analysis of systematic relationships among the Cervidae. <i>Heredity</i> , 1996, 76, 215-221.	1.2	36
88	Molecular characterization of <i>Echinococcus granulosus</i> in south-eastern Romania: evidence of G1â€œG3 and G6â€œG10 complexes in humans. <i>Clinical Microbiology and Infection</i> , 2013, 19, 578-582.	2.8	36
89	Microbial symbiosis and the control of vector-borne pathogens in tsetse flies, human lice, and triatomine bugs. <i>Pathogens and Global Health</i> , 2013, 107, 285-292.	1.0	36
90	Anaplasmatataceae in wild rodents and roe deer from Trento Province (northern Italy). <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2006, 25, 677-678.	1.3	35

#	ARTICLE	IF	CITATIONS
91	Temporal dynamics of the ABC transporter response to insecticide treatment: insights from the malaria vector <i>Anopheles stephensi</i> . <i>Scientific Reports</i> , 2014, 4, 7435.	1.6	35
92	Clinical, Cytological and Molecular Evidence of <i>Mesocestoides</i> sp. Infection in a Dog from Italy. <i>Transboundary and Emerging Diseases</i> , 2004, 51, 435-438.	0.6	34
93	Identification of <i>Trichinella pseudospiralis</i> from a Human Case using Random Amplified Polymorphic DNA. <i>American Journal of Tropical Medicine and Hygiene</i> , 1995, 53, 185-188.	0.6	34
94	Rickettsiae in Ixodid Ticks, Sicily. <i>Emerging Infectious Diseases</i> , 2005, 11, 509-511.	2.0	33
95	Evidence for genomic changes in transgenic rice ( <i>Oryza sativa</i> L.) recovered from protoplasts. <i>Transgenic Research</i> , 1996, 5, 97-103.	1.3	32
96	<i>Francisella tularensis</i> : No Evidence for Transovarial Transmission in the Tularemia Tick Vectors <i>Dermacentor reticulatus</i> and <i>Ixodes ricinus</i> . <i>PLoS ONE</i> , 2015, 10, e0133593.	1.1	32
97	Integrative taxonomy at work: DNA barcoding of taeniids harboured by wild and domestic cats. <i>Molecular Ecology Resources</i> , 2012, 12, 403-413.	2.2	30
98	Phylogenetic Status, Distribution, and Biogeography of <i>Cryptocercus</i> (Dictyoptera: Cryptocercidae). <i>Annals of the Entomological Society of America</i> , 1999, 92, 292-302.	1.3	29
99	Molecular characterisation of a field strain of bubaline herpesvirus isolated from buffaloes ( <i>Bubalus bubalis</i> ) after pharmacological reactivation. <i>Veterinary Record</i> , 2004, 154, 171-174.	0.2	29
100	Bacteriocyte-like cells harbour <i>Wolbachia</i> in the ovary of <i>Drosophila melanogaster</i> (Insecta, Diptera) and <i>Zyginidia pullula</i> (Insecta, Hemiptera). <i>Tissue and Cell</i> , 2010, 42, 328-333.	1.0	29
101	A study on the presence of flagella in the order Rickettsiales: the case of <i>Candidatus Midichloria mitochondrii</i> ™. <i>Microbiology (United Kingdom)</i> , 2012, 158, 1677-1683.	0.7	29
102	<i>Wolbachia</i> surface protein induces innate immune responses in mosquito cells. <i>BMC Microbiology</i> , 2012, 12, S11.	1.3	29
103	Absence of the symbiont <i>Candidatus Midichloria mitochondrii</i> in the mitochondria of the tick <i>Ixodes holocyclus</i> . <i>FEMS Microbiology Letters</i> , 2009, 299, 241-247.	0.7	28
104	Concurrent infection with sibling <i>Trichinella</i> species in a natural host. <i>International Journal for Parasitology</i> , 1995, 25, 1247-1250.	1.3	27
105	Immunopathological mechanisms underlying the time-course of <i>Trichinella spiralis</i> cardiomyopathy in rats. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 1998, 432, 261-266.	1.4	27
106	Sensitive Detection and Quantification of Anisakid Parasite Residues in Food Products. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 391-397.	0.8	27
107	Mosquito symbioses: from basic research to the paratransgenic control of mosquito-borne diseases. <i>Journal of Applied Entomology</i> , 2011, 135, 487-493.	0.8	27
108	Molecular evidence for a bacterium of the family Midichloriaceae (order Rickettsiales) in skin and organs of the rainbow trout <i>Oncorhynchus mykiss</i> (Walbaum) affected by red mark syndrome. <i>Journal of Fish Diseases</i> , 2016, 39, 497-501.	0.9	27

#	ARTICLE	IF	CITATIONS
109	Multiple <i>Klebsiella pneumoniae</i> KPC Clones Contribute to an Extended Hospital Outbreak. <i>Frontiers in Microbiology</i> , 2019, 10, 2767.	1.5	27
110	Molecular detection of poisonous mushrooms in different matrices. <i>Mycologia</i> , 2010, 102, 747-754.	0.8	25
111	<i>Mollicutes</i> -related endobacteria thrive inside liverwort-associated arbuscular mycorrhizal fungi. <i>Environmental Microbiology</i> , 2013, 15, 822-836.	1.8	25
112	The integration of multiple independent data reveals an unusual response to <i>Pleistocene</i> climatic changes in the hard tick <i>Ixodes ricinus</i> . <i>Molecular Ecology</i> , 2013, 22, 1666-1682.	2.0	25
113	<i>Wolbachia</i> and Its Implications for the Immunopathology of Filariasis. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2012, 12, 53-56.	0.6	24
114	Chimeric symbionts expressing a <i>Wolbachia</i> protein stimulate mosquito immunity and inhibit filarial parasite development. <i>Communications Biology</i> , 2020, 3, 105.	2.0	24
115	Transovarial Transmission of Symbiotic Bacteria in <i>Mastotermes darwiniensis</i> (Isoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Entomological Society of America, 2000, 93, 1308-1313.	1.3	23
116	Development of a Broad-Range 23S rDNA Real-Time PCR Assay for the Detection and Quantification of Pathogenic Bacteria in Human Whole Blood and Plasma Specimens. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	23
117	<i>Midichloria mitochondrii</i> , endosymbiont of <i>Ixodes ricinus</i> : evidence for the transmission to the vertebrate host during the tick blood meal. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 5-12.	1.1	23
118	Gene expression modulation of ABC transporter genes in response to permethrin in adults of the mosquito malaria vector <i>Anopheles stephensi</i> . <i>Acta Tropica</i> , 2017, 171, 37-43.	0.9	22
119	Lyme Borreliosis, Po River Valley, Italy. <i>Emerging Infectious Diseases</i> , 2010, 16, 1289-1291.	2.0	21
120	A Journey on the Skin Microbiome: Pitfalls and Opportunities. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9846.	1.8	20
121	Molecular screening for bacterial pathogens in ticks ( <i>Ixodes ricinus</i> ) collected on migratory birds captured in northern Italy. <i>Folia Parasitologica</i> , 2018, 65, .	0.7	20
122	Phylogeny of the genus based on 16S rDNA sequence. <i>FEMS Microbiology Letters</i> , 1995, 129, 195-200.	0.7	19
123	Expression and function of Toll-like receptor 2 in canine blood phagocytes. <i>Veterinary Immunology and Immunopathology</i> , 2005, 104, 15-19.	0.5	19
124	Plasma Levels of Bacterial DNA in HIV Infection: The Limits of Quantitative Polymerase Chain Reaction. <i>Journal of Infectious Diseases</i> , 2010, 202, 176-177.	1.9	19
125	Differential Single Nucleotide Polymorphism-Based Analysis of an Outbreak Caused by <i>Salmonella enterica</i> Serovar Manhattan Reveals Epidemiological Details Missed by Standard Pulsed-Field Gel Electrophoresis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1227-1238.	1.8	19
126	5 S ribosomal spacer sequences of some filarial parasites: comparative analysis and diagnostic applications. <i>Molecular and Cellular Probes</i> , 2000, 14, 285-290.	0.9	18



#	ARTICLE	IF	CITATIONS
127	Patterns of Midichloria infection in avian-borne African ticks and their trans-Saharan migratory hosts. <i>Parasites and Vectors</i> , 2018, 11, 106.	1.0	18
128	Gene Composition as a Potential Barrier to Large Recombinations in the Bacterial Pathogen <i>Klebsiella pneumoniae</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 3240-3251.	1.1	18
129	Genome Reduction in the Mosquito Symbiont <i>Asaia</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 1-10.	1.1	17
130	Cat-scratch disease in Northern Italy: atypical clinical manifestations in humans and prevalence of <i>Bartonella</i> infection in cats. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 531-534.	1.3	16
131	Molecular Phylogeny of <i>Cryptocercus</i> Wood-roaches Based on Mitochondrial COII and 16S Sequences, and Chromosome Numbers in Palearctic Representatives. <i>Zoological Science</i> , 2006, 23, 393-398.	0.3	15
132	Sex and stripping. <i>Communicative and Integrative Biology</i> , 2010, 3, 110-115.	0.6	15
133	Boosting immunity to treat parasitic infections: <i>Asaia</i> bacteria expressing a protein from <i>Wolbachia</i> determine M1 macrophage activation and killing of <i>Leishmania</i> protozoans. <i>Pharmacological Research</i> , 2020, 161, 105288.	3.1	15
134	Inflammatory bowel diseases, the hygiene hypothesis and the other side of the microbiota: Parasites and fungi. <i>Pharmacological Research</i> , 2020, 159, 104962.	3.1	15
135	Intra-instar larval cannibalism in <i>Anopheles gambiae</i> (s.s.) and <i>Anopheles stephensi</i> (Diptera: Culicidae). <i>Parasites and Vectors</i> , 2016, 9, 566.	1.0	14
136	The mycobiota of the sand fly <i>Phlebotomus perniciosus</i> : Involvement of yeast symbionts in uric acid metabolism. <i>Environmental Microbiology</i> , 2018, 20, 1064-1077.	1.8	14
137	SARS-CoV-2 infection among asymptomatic homebound subjects in Milan, Italy. <i>European Journal of Internal Medicine</i> , 2020, 78, 161-163.	1.0	14
138	Arbitrarily Primed Polymerase Chain Reaction of Individual <i>Trichinella</i> Specimens. <i>Journal of Parasitology</i> , 1993, 79, 437.	0.3	13
139	Do mosquito-associated bacteria of the genus <i>Asaia</i> circulate in humans?. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 1137-1140.	1.3	13
140	Genospecies of <i>Borrelia burgdorferi</i> sensu lato in <i>Ixodes ricinus</i> ticks from the Autonomous Province of Trento, Italy. <i>International Journal of Medical Microbiology</i> , 2007, 297, 53-59.	1.5	12
141	Spirochete Attachment Ultrastructure: Implications for the Origin and Evolution of Cilia. <i>Biological Bulletin</i> , 2010, 218, 25-35.	0.7	12
142	Exposure to amitraz, fipronil and permethrin affects cell viability and ABC transporter gene expression in an <i>Ixodes ricinus</i> cell line. <i>Parasites and Vectors</i> , 2018, 11, 437.	1.0	12
143	Characterization of a novel <i>Pantoea</i> symbiont allows inference of a pattern of convergent genome reduction in bacteria associated with Pentatomidae. <i>Environmental Microbiology</i> , 2021, 23, 36-50.	1.8	12
144	Evaluation of the protective effect of bovine lactoferrin against lipopolysaccharides in a bovine mammary epithelial cell line. <i>Veterinary Research Communications</i> , 2010, 34, 267-276.	0.6	11

#	ARTICLE	IF	CITATIONS
145	Modeling the Life Cycle of the Intramitochondrial Bacterium <i>Candidatus</i> Midichloria mitochondrii Using Electron Microscopy Data. MBio, 2021, 12, e0057421.	1.8	11
146	Unusual organization of the 5S ribosomal spacer in <i>Dirofilaria repens</i> : absence of a canonical spliced leader 1 sequence. Parasitology Research, 2000, 86, 497-499.	0.6	10
147	Transcriptome of larvae representing the <i>Rhipicephalus sanguineus</i> complex. Molecular and Cellular Probes, 2017, 31, 85-90.	0.9	10
148	Phylogenomics Reveals that <i>Asaia</i> Symbionts from Insects Underwent Convergent Genome Reduction, Preserving an Insecticide-Degrading Gene. MBio, 2021, 12, .	1.8	10
149	Intracellular Symbiosis in Termites. , 2000, , 261-273.		10
150	Errors in ribosomal sequence datasets generated using PCR-coupled <i>panbacterial</i> pyrosequencing, and the establishment of an improved approach. Molecular and Cellular Probes, 2013, 27, 65-67.	0.9	9
151	Candidacidal Activity of a Novel Killer Toxin from <i>Wickerhamomyces anomalus</i> against Fluconazole-Susceptible and -Resistant Strains. Toxins, 2018, 10, 68.	1.5	9
152	Bacterial genomic epidemiology, from local outbreak characterization to species-history reconstruction. Pathogens and Global Health, 2015, 109, 319-327.	1.0	8
153	What Pediatricians Should Know Before Studying Gut Microbiota. Journal of Clinical Medicine, 2019, 8, 1206.	1.0	8
154	Wolbachia in <i>Aedes koreicus</i> : Rare Detections and Possible Implications. Insects, 2022, 13, 216.	1.0	8
155	Does fertilization in the filarial nematode <i>Dirofilaria immitis</i> occur through endocytosis of spermatozoa?. Parasitology, 2002, 124, 87-95.	0.7	7
156	What is your diagnosis? Fecal smear stained with Lugol's solution and Giemsa from a cynomolgus macaque ( <i>Macaca fascicularis</i> ) presenting with liquid diarrhea. Veterinary Clinical Pathology, 2014, 43, 293-294.	0.3	7
157	Gene silencing through RNAi and antisense Vivo-Morpholino increases the efficacy of pyrethroids on larvae of <i>Anopheles stephensi</i> . Malaria Journal, 2019, 18, 294.	0.8	7
158	Epixenosomes, peculiar epibionts of the ciliated protozoon <i>Euplotidium itoi</i> : what kind of organisms are they?. Protoplasma, 1998, 201, 38-44.	1.0	6
159	Radiation hybrid mapping of two members of the Toll-like receptor gene family in pigs. Animal Genetics, 2004, 35, 251-252.	0.6	6
160	<i>Mycobacterium avium</i> paratuberculosis in Italy: Commensal or emerging human pathogen?. Digestive and Liver Disease, 2012, 44, 461-465.	0.4	6
161	Draft Genome Sequences of Two Multidrug Resistant <i>Klebsiella pneumoniae</i> ST258 Isolates Resistant to Colistin. Genome Announcements, 2013, 1, .	0.8	6
162	Seropositivity to <i>Midichloria mitochondrii</i> (order Rickettsiales) as a marker to determine the exposure of humans to tick bite. Pathogens and Global Health, 2019, 113, 167-172.	1.0	6

#	ARTICLE	IF	CITATIONS
163	Insights Into Wolbachia Obligatory Symbiosis. Contemporary Topics in Entomology Series, 2003, , 267-282.	0.3	6
164	Sexual transmission of a nematode parasite of Wood Mice ( <i>Apodemus sylvaticus</i> )?. Parasitology, 2004, 128, 561-568.	0.7	5
165	Immunohistological studies on neoplasms of female and male <i>Onchocerca volvulus</i> : filarial origin and absence of <i>Wolbachia</i> from tumor cells. Parasitology, 2010, 137, 841-854.	0.7	5
166	In vivo acquisition and risk of inter-species spread of bla KPC-3-plasmid from <i>Klebsiella pneumoniae</i> to <i>Serratia marcescens</i> in the lower respiratory tract. Journal of Medical Microbiology, 2020, 69, 82-86.	0.7	5
167	The bacterial catalase from filarial DNA preparations derives from common pseudomonad contaminants and not from <i>Wolbachia</i> endosymbionts. Parasitology Research, 2004, 94, 141-6.	0.6	4
168	Recombination in <i>Wolbachia</i> Endosymbionts of Filarial Nematodes?. Applied and Environmental Microbiology, 2011, 77, 1921-1922.	1.4	4
169	Draft Genome of <i>Klebsiella pneumoniae</i> Sequence Type 512, a Multidrug-Resistant Strain Isolated during a Recent KPC Outbreak in Italy. Genome Announcements, 2013, 1, .	0.8	4
170	Acetic Acid Bacteria as Symbionts of Insects. , 2016, , 121-142.		4
171	Autochthonous ST405 NDM-5 producing <i>Escherichia coli</i> causing fatal sepsis in Northern Italy. International Journal of Antimicrobial Agents, 2020, 55, 105953.	1.1	4
172	A novel method for the isolation of DNA from intracellular bacteria, suitable for genomic studies. Annals of Microbiology, 2010, 60, 455-460.	1.1	3
173	Presence of <i>Wolbachia</i> in Three Hymenopteran Species: <i>Diprion pini</i> (Hymenoptera: Diprionidae), <i>Neodiprion sertifer</i> (Hymenoptera: Diprionidae), and <i>Dahlbominus fuscipennis</i> (Hymenoptera: Tj ETQq1 1 0.784314.rgBT /Overlock 10 Tf 5		3
174	Effects of combined drug treatments on <i>Plasmodium falciparum</i> : In vitro assays with doxycycline, ivermectin and efflux pump inhibitors. PLoS ONE, 2020, 15, e0232171.	1.1	3
175	<i>Wolbachia</i> Hertig 1936, 472 AL. , 0, , 138-143.		3
176	Membrane systems in endocytobiosis III. Ultrastructural features of symbionts and vacuolar membrane in bacteriocytes of the wood-eating cockroach <i>Cryptocercus punctulatus</i> (Dictyoptera, Tj ETQq0 0 0 rgt /Overlock 10 Tf 5		3
177	Draft Genome Sequence of <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar Manhattan Strain 111113, from an Outbreak of Human Infections in Northern Italy. Genome Announcements, 2013, 1, .	0.8	2
178	Visualizzazione e Caratterizzazione di Batteri Intracellulari in Differenti Isolati di Funghi Micorrizici Arbuscolari. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 279-279.	0.0	0
179	<i>Wolbachia</i> : Evolutionary Significance in Nematodes. , 2007, 5, 15-30.		0
180	Invertebrate Gut Associations. , 2015, , 4.4.1-1-4.4.1-7.		0

#	ARTICLE	IF	CITATIONS
181	Dirofilaria Infections in Humans and Other Zoonotic Filarioses. , 2014, , 411-424.		0