Cinzia Cantacessi

List of Publications by Citations

125 papers	4,228 citations	36 h-index	60 g-index
131 ext. papers	5,176 ext. citations	5.9 avg, IF	5.21 L-index

#	Paper	IF	Citations
125	Whole-genome sequence of Schistosoma haematobium. *Nature Genetics*, **2012**, 44, 221-5	36.3	325
124	Ascaris suum draft genome. *Nature*, **2011**, 479, 529-33	50.4	217
123	A portrait of the "SCP/TAPS" proteins of eukaryotes--developing a framework for fundamental research and biotechnological outcomes. *Biotechnology Advances*, **2009**, 27, 376-88	17.8	126
122	Unlocking the transcriptomes of two carcinogenic parasites, Clonorchis sinensis and Opisthorchis viverrini. *PLoS Neglected Tropical Diseases*, **2010**, 4, e719	4.8	122
121	The role of wild canids and felids in spreading parasites to dogs and cats in Europe. Part II: Helminths and arthropods. *Veterinary Parasitology*, **2015**, 213, 24-37	2.8	114
120	Carcinogenic Liver Fluke Secretes Extracellular Vesicles That Promote Cholangiocytes to Adopt a Tumorigenic Phenotype. *Journal of Infectious Diseases*, **2015**, 212, 1636-45	7	103
119	Elucidating the transcriptome of Fasciola hepatica - a key to fundamental and biotechnological discoveries for a neglected parasite. *Biotechnology Advances*, **2010**, 28, 222-31	17.8	102
118	Impact of experimental hookworm infection on the human gut microbiota. *Journal of Infectious Diseases*, **2014**, 210, 1431-4	7	100
117	Phortica variegata as an intermediate host of Thelazia callipaeda under natural conditions: evidence for pathogen transmission by a male arthropod vector. *International Journal for Parasitology*, **2006**, 36, 1167-73	4.3	93
116	Human thelaziosis--a neglected parasitic disease of the eye. *Journal of Parasitology*, **2006**, 92, 872-5	0.9	83
115	Lungworms and gastrointestinal parasites of domestic cats: a European perspective. *International Journal for Parasitology*, **2017**, 47, 517-528	4.3	78
114	The zoophilic fruitfly Phortica variegata: morphology, ecology and biological niche. *Medical and Veterinary Entomology*, **2006**, 20, 358-64	2.4	74
113	Efficacy of a combination of 10% imidacloprid/50% permethrin for the prevention of leishmaniasis in kennelled dogs in an endemic area. *Veterinary Parasitology*, **2007**, 144, 270-8	2.8	73
112	Nematode biology and larval development of Thelazia callipaeda (Spirurida, Thelaziidae) in the drosophilid intermediate host in Europe and China. *Parasitology*, **2005**, 131, 847-55	2.7	73
111	The role of wild canids and felids in spreading parasites to dogs and cats in Europe. Part I: Protozoa and tick-borne agents. *Veterinary Parasitology*, **2015**, 213, 12-23	2.8	72
110	Experimental hookworm infection and escalating gluten challenges are associated with increased microbial richness in celiac subjects. *Scientific Reports*, **2015**, 5, 13797	4.9	70
109	A portrait of the transcriptome of the neglected trematode, Fasciola gigantica--biological and biotechnological implications. *PLoS Neglected Tropical Diseases*, **2011**, 5, e1004	4.8	70

108	Massively parallel sequencing and analysis of the Necator americanus transcriptome. *PLoS Neglected Tropical Diseases*, **2010**, 4, e684	4.8	66
107	The past, present, and future of Leishmania genomics and transcriptomics. *Trends in Parasitology*, **2015**, 31, 100-8	6.4	65
106	Secreted proteomes of different developmental stages of the gastrointestinal nematode Nippostrongylus brasiliensis. *Molecular and Cellular Proteomics*, **2014**, 13, 2736-51	7.6	63
105	First reports of autochthonous eyeworm infection by Thelazia callipaeda (Spirurida, Thelaziidae) in dogs and cat from France. *Veterinary Parasitology*, **2007**, 149, 294-7	2.8	63
104	A practical, bioinformatic workflow system for large data sets generated by next-generation sequencing. *Nucleic Acids Research*, **2010**, 38, e171	20.1	60
103	Morphological and molecular differentiation between Dicrocoelium dendriticum (Rudolphi, 1819) and Dicrocoelium chinensis (Sudarikov and Ryjikov, 1951) Tang and Tang, 1978 (Platyhelminthes: Digenea). *Acta Tropica*, **2007**, 104, 91-8	3.2	54
102	Infections by human gastrointestinal helminths are associated with changes in faecal microbiota diversity and composition. *PLoS ONE*, **2017**, 12, e0184719	3.7	52
101	First transcriptomic analysis of the economically important parasitic nematode, Trichostrongylus colubriformis, using a next-generation sequencing approach. *Infection, Genetics and Evolution*, **2010**, 10, 1199-207	4.5	50
100	This Gut Ain$t Big Enough for Both of Us. Or Is It? Helminth-Microbiota Interactions in Veterinary Species. *Trends in Parasitology*, **2017**, 33, 619-632	6.4	49
99	Schistosoma mansoni infection is associated with quantitative and qualitative modifications of the mammalian intestinal microbiota. *Scientific Reports*, **2018**, 8, 12072	4.9	47
98	The specific identification of anisakid larvae from fishes from the Yellow Sea, China, using mutation scanning-coupled sequence analysis of nuclear ribosomal DNA. *Molecular and Cellular Probes*, **2007**, 21, 386-90	3.3	47
97	Prevention of canine leishmaniosis in a hyper-endemic area using a combination of 10% imidacloprid/4.5% flumethrin. *PLoS ONE*, **2013**, 8, e56374	3.7	46
96	Changes in duodenal tissue-associated microbiota following hookworm infection and consecutive gluten challenges in humans with coeliac disease. *Scientific Reports*, **2016**, 6, 36797	4.9	44
95	Bovine theileriosis--an emerging problem in south-eastern Australia?. *Infection, Genetics and Evolution*, **2011**, 11, 2095-7	4.5	44
94	Differences in transcription between free-living and CO2-activated third-stage larvae of Haemonchus contortus. *BMC Genomics*, **2010**, 11, 266	4.5	44
93	Efficacy of a combination of imidacloprid 10%/permethrin 50% versus fipronil 10%/(S)-methoprene 12%, against ticks in naturally infected dogs. *Veterinary Parasitology*, **2005**, 130, 293-304	2.8	43
92	Efficacy of an imidacloprid/flumethrin collar against fleas, ticks and tick-borne pathogens in dogs. *Parasites and Vectors*, **2013**, 6, 245	4	41
91	The transcriptome of Trichuris suis--first molecular insights into a parasite with curative properties for key immune diseases of humans. *PLoS ONE*, **2011**, 6, e23590	3.7	40

90	Heterochronic faecal transplantation boosts gut germinal centres in aged mice. *Nature Communications*, **2019**, 10, 2443	17.4	39
89	Genetic characterization of three unique operational taxonomic units of Eimeria from chickens in Australia based on nuclear spacer ribosomal DNA. *Veterinary Parasitology*, **2008**, 152, 226-34	2.8	35
88	Application of 10% imidacloprid/50% permethrin to prevent Ehrlichia canis exposure in dogs under natural conditions. *Veterinary Parasitology*, **2008**, 153, 320-8	2.8	35
87	Key strongylid nematodes of animals - Impact of next-generation transcriptomics on systems biology and biotechnology. *Biotechnology Advances*, **2012**, 30, 469-88	17.8	34
86	Suppression of inflammation by helminths: a role for the gut microbiota?. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370,	5.8	32
85	Probing of a human proteome microarray with a recombinant pathogen protein reveals a novel mechanism by which hookworms suppress B-cell receptor signaling. *Journal of Infectious Diseases*, **2015**, 211, 416-25	7	31
84	Feline lungworms unlock a novel mode of parasite transmission. *Scientific Reports*, **2015**, 5, 13105	4.9	31
83	Molecular mechanisms of hookworm disease: stealth, virulence, and vaccines. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 13-21	11.5	29
82	A comprehensive analysis of the faecal microbiome and metabolome of Strongyloides stercoralis infected volunteers from a non-endemic area. *Scientific Reports*, **2018**, 8, 15651	4.9	29
81	SCP/TAPS proteins in helminths--where to from now?. *Molecular and Cellular Probes*, **2012**, 26, 54-9	3.3	28
80	DNA technological progress toward advanced diagnostic tools to support human hookworm control. *Biotechnology Advances*, **2008**, 26, 35-45	17.8	28
79	First report of Thelazia callipaeda (Spirurida, Thelaziidae) in wolves in Italy. *Journal of Wildlife Diseases*, **2007**, 43, 508-11	1.3	28
78	Occurrence of strongyloidiasis in privately owned and sheltered dogs: clinical presentation and treatment outcome. *Parasites and Vectors*, **2017**, 10, 345	4	27
77	Comparative analyses of mitochondrial and nuclear genetic markers for the molecular identification of Rhipicephalus spp. *Infection, Genetics and Evolution*, **2013**, 20, 422-7	4.5	27
76	Deep insights into Dictyocaulus viviparus transcriptomes provides unique prospects for new drug targets and disease intervention. *Biotechnology Advances*, **2011**, 29, 261-71	17.8	27
75	The relationships between faecal egg counts and gut microbial composition in UK Thoroughbreds infected by cyathostomins. *International Journal for Parasitology*, **2018**, 48, 403-412	4.3	26
74	Gastropod-Borne Helminths: A Look at the Snail-Parasite Interplay. *Trends in Parasitology*, **2016**, 32, 255-264	7.4	26
73	A deep exploration of the transcriptome and "excretory/secretory" proteome of adult Fascioloides magna. *Molecular and Cellular Proteomics*, **2012**, 11, 1340-53	7.6	26

72	Genomic-bioinformatic analysis of transcripts enriched in the third-stage larva of the parasitic nematode Ascaris suum. *PLoS Neglected Tropical Diseases*, **2008**, 2, e246	4.8	26
71	Atypical (RIO) protein kinases from Haemonchus contortus--promise as new targets for nematocidal drugs. *Biotechnology Advances*, **2011**, 29, 338-50	17.8	25
70	Tissue-specific transcriptomes of Anisakis simplex (sensu stricto) and Anisakis pegreffii reveal potential molecular mechanisms involved in pathogenicity. *Parasites and Vectors*, **2018**, 11, 31	4	24
69	Helminth infections and gut microbiota - a feline perspective. *Parasites and Vectors*, **2016**, 9, 625	4	24
68	The Anisakis Transcriptome Provides a Resource for Fundamental and Applied Studies on Allergy-Causing Parasites. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004845	4.8	23
67	Getting the most out of parasitic helminth transcriptomes using HelmDB: implications for biology and biotechnology. *Biotechnology Advances*, **2013**, 31, 1109-19	17.8	22
66	A genome-wide analysis of annexins from parasitic organisms and their vectors. *Scientific Reports*, **2013**, 3, 2893	4.9	22
65	Progress on the transcriptomics of carcinogenic liver flukes of humans--unique biological and biotechnological prospects. *Biotechnology Advances*, **2010**, 28, 859-70	17.8	22
64	Risk factors for canine neosporosis in farm and kennel dogs in southern Italy. *Veterinary Parasitology*, **2007**, 145, 240-4	2.8	22
63	Insights into SCP/TAPS proteins of liver flukes based on large-scale bioinformatic analyses of sequence datasets. *PLoS ONE*, **2012**, 7, e31164	3.7	22
62	Helminth Microbiomes - A Hidden Treasure Trove?. *Trends in Parasitology*, **2019**, 35, 13-22	6.4	22
61	Angiostrongylus chabaudi in felids: New findings and a review of the literature. *Veterinary Parasitology*, **2016**, 228, 188-192	2.8	21
60	Molecular characterization of selected dermatophytes and their identification by electrophoretic mutation scanning. *Electrophoresis*, **2009**, 30, 3555-64	3.6	21
59	Helminth-microbiota cross-talk - A journey through the vertebrate digestive system. *Molecular and Biochemical Parasitology*, **2019**, 233, 111222	1.9	20
58	Hookworm Treatment for Relapsing Multiple Sclerosis: A Randomized Double-Blinded Placebo-Controlled Trial. *JAMA Neurology*, **2020**, 77, 1089-1098	17.2	20
57	Chronic polyarthritis associated to Cercopithifilaria bainae infection in a dog. *Veterinary Parasitology*, **2014**, 205, 401-4	2.8	20
56	Tick vectors of Cercopithifilaria bainae in dogs: Rhipicephalus sanguineus sensu lato versus Ixodes ricinus. *Parasitology Research*, **2013**, 112, 3013-7	2.4	20
55	Evaluation of blood and bone marrow in selected canine vector-borne diseases. *Parasites and Vectors*, **2014**, 7, 534	4	19

54	Dollfustrema durum n. sp. and Heterobucephalopsis perardua n. sp. (Digenea: Bucephalidae) from the giant moray eel, Gymnothorax javanicus (Bleeker) (Anguilliformes: Muraenidae), and proposal of the Heterobucephalopsinae n. subfam. *Parasitology International*, **2015**, 64, 559-70	2.1	18
53	Bioinformatics meets parasitology. *Parasite Immunology*, **2012**, 34, 265-75	2.2	18
52	Cryptic parasite revealed improved prospects for treatment and control of human cryptosporidiosis through advanced technologies. *Advances in Parasitology*, **2011**, 77, 141-73	3.2	18
51	Vertical transmission of Anaplasma platys and Leishmania infantum in dogs during the first half of gestation. *Parasites and Vectors*, **2016**, 9, 269	4	18
50	Helminths and microbes within the vertebrate gut - not all studies are created equal. *Parasitology*, **2019**, 146, 1371-1378	2.7	17
49	Improved molecular diagnostic tools for human hookworms. *Expert Review of Molecular Diagnostics* , **2009**, 9, 17-21	3.8	16
48	Bioinformatic analysis of abundant, gender-enriched transcripts of adult Ascaris suum (Nematoda) using a semi-automated workflow platform. *Molecular and Cellular Probes*, **2009**, 23, 205-17	3.3	16
47	Molecular characterization and phylogenesis of Steganinae (Diptera, Drosophilidae) inferred by the mitochondrial cytochrome c oxidase subunit 1. *Medical and Veterinary Entomology*, **2008**, 22, 37-47	2.4	16
46	Dysbiosis associated with acute helminth infections in herbivorous youngstock - observations and implications. *Scientific Reports*, **2019**, 9, 11121	4.9	15
45	TIMPs of parasitic helminths - a large-scale analysis of high-throughput sequence datasets. *Parasites and Vectors*, **2013**, 6, 156	4	15
44	Exclusive dependence of IL-10R signalling on intestinal microbiota homeostasis and control of whipworm infection. *PLoS Pathogens*, **2019**, 15, e1007265	7.6	15
43	A preliminary investigation of serological tools for the detection of Onchocerca lupi infection in dogs. *Parasitology Research*, **2014**, 113, 1989-91	2.4	14
42	Cardicola beveridgei n. sp. (Digenea: Aporocotylidae) from the mangrove jack, Lutjanus argentimaculatus (Perciformes: Lutjanidae), and C. bullardi n. sp. from the Australian spotted mackerel, Scomberomorus munroi (Perciformes: Scombridae), from the northern Great Barrier Reef. *Parasitology International*, **2014**, 63, 735-45	2.1	14
41	Proteomic profile of Bithynia siamensis goniomphalos snails upon infection with the carcinogenic liver fluke Opisthorchis viverrini. *Journal of Proteomics*, **2015**, 113, 281-91	3.9	13
40	Comparative Transcriptomics Reveals Clues for Differences in Pathogenicity between , sensu stricto and. *Genes*, **2020**, 11,	4.2	13
39	MICHELINdb: a web-based tool for mining of helminth-microbiota interaction datasets, and a meta-analysis of current research. *Microbiome*, **2020**, 8, 10	16.6	13
38	Coming out of the shell: building the molecular infrastructure for research on parasite-harbouring snails. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2284	4.8	13
37	Investigation of the regulation of transcriptional changes in Ancylostoma caninum larvae following serum activation, with a focus on the insulin-like signalling pathway. *Veterinary Parasitology*, **2009**, 159, 139-48	2.8	13

36	Classic Models for New Perspectives: Delving into Helminth-Microbiota-Immune System Interactions. *Trends in Parasitology*, **2018**, 34, 640-654	6.4	12
35	RNA-Seq reveals infection-induced gene expression changes in the snail intermediate host of the carcinogenic liver fluke, Opisthorchis viverrini. *PLoS Neglected Tropical Diseases*, **2014**, 8, e2765	4.8	12
34	Novel inhibitor cystine knot peptides from Momordica charantia. *PLoS ONE*, **2013**, 8, e75334	3.7	12
33	Infection with the sheep gastrointestinal nematode Teladorsagia circumcincta increases luminal pathobionts. *Microbiome*, **2020**, 8, 60	16.6	11
32	Cyathostomine egg reappearance period following ivermectin treatment in a cohort of UK Thoroughbreds. *Parasites and Vectors*, **2018**, 11, 61	4	10
31	Exploring transcriptional conservation between Ancylostoma caninum and Haemonchus contortus by oligonucleotide microarray and bioinformatic analyses. *Molecular and Cellular Probes*, **2009**, 23, 1-9	3.3	10
30	RORγt Treg to Th17 ratios correlate with susceptibility to Giardia infection. *Scientific Reports*, **2019**, 9, 20328	4.9	10
29	Helminths, hosts, and their microbiota: new avenues for managing gastrointestinal helminthiases in ruminants. *Expert Review of Anti-Infective Therapy*, **2020**, 18, 977-985	5.5	9
28	High-intensity cardiac infections of Phthinomita heinigerae n. sp. (Digenea: Aporocotylidae) in the orangelined cardinalfish, Taeniamia fucata (Cantor), off Heron Island on the Great Barrier Reef. *Parasitology International*, **2016**, 65, 371-7	2.1	9
27	A new PCR assay for the detection and differentiation of Babesia canis and Babesia vogeli. *Ticks and Tick-borne Diseases*, **2017**, 8, 862-865	3.6	9
26	Oestrus ovis causing human ocular myiasis: from countryside to town centre. *Clinical and Experimental Ophthalmology*, **2009**, 37, 327-8	2.4	9
25	Impact of next-generation technologies on exploring socioeconomically important parasites and developing new interventions. *Methods in Molecular Biology*, **2015**, 1247, 437-74	1.4	9
24	Filaria martis Gmelin 1790 (Spirurida, Filariidae) affecting beech marten (Martes foina): morphological description and molecular characterisation of the cytochrome oxidase c subunit I. *Parasitology Research*, **2007**, 101, 877-83	2.4	8
23	Filarial infection caused by Onchocerca boehmi (Supperer, 1953) in a horse from Italy. *Parasitology Research*, **2017**, 116, 191-198	2.4	7
22	Molecular characterization and phylogenetic inferences of Dermanyssus gallinae isolates in Italy within an European framework. *Medical and Veterinary Entomology*, **2014**, 28, 447-52	2.4	7
21	Differential Protein Expression in the Hemolymph of Bithynia siamensis goniomphalos Infected with Opisthorchis viverrini. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0005104	4.8	7
20	The best type of inoculum for testing the antifungal drug susceptibility of Microsporum canis: In vivo and in vitro results. *Mycoses*, **2020**, 63, 711-716	5.2	7
19	Parasite transmission by insects: a female affair?. *Trends in Parasitology*, **2008**, 24, 116-20	6.4	6

18	Molecular identification of Phortica variegata and Phortica semivirgo (Drosophilidae, Steganinae) by PCR-RFLP of the mitochondrial cytochrome oxidase c subunit I gene. *Parasitology Research*, **2008**, 103, 727-30	2.4	5
17	Baseline Gut Microbiota Composition Is Associated With Infection Burden in Rodent Models. *Frontiers in Immunology*, **2020**, 11, 593838	8.4	5
16	Experimental infection with the hookworm, Necator americanus, is associated with stable gut microbial diversity in human volunteers with relapsing multiple sclerosis. *BMC Biology*, **2021**, 19, 74	7.3	5
15	Data set from the proteomic analysis of Bithynia siamensis goniomphalos snails upon infection with the carcinogenic liver fluke Opisthorchis viverrini. *Data in Brief*, **2015**, 2, 16-20	1.2	4
14	First laboratory culture of Phortica variegata (Diptera, Steganinae), a vector of Thelazia callipaeda. *Journal of Vector Ecology*, **2012**, 37, 458-61	1.5	4
13	A bugs life: Delving into the challenges of helminth microbiome studies. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0008446	4.8	4
12	Heartworm genomics: unprecedented opportunities for fundamental molecular insights and new intervention strategies. *Topics in Companion Animal Medicine*, **2011**, 26, 193-9	1.1	3
11	Major prospects for exploring canine vector borne diseases and novel intervention methods using omic technologies. *Parasites and Vectors*, **2011**, 4, 53	4	2
10	MIxS-SA: a MIxS extension defining the minimum information standard for sequence data from symbiont-associated micro-organisms. *ISME Communications*, **2022**, 2,		1
9	Vaccination against the brown stomach worm, Teladorsagia circumcincta, followed by parasite challenge, induces inconsistent modifications in gut microbiota composition of lambs. *Parasites and Vectors*, **2021**, 14, 189	4	1
8	Serum amyloid A levels and alpha 2 and gamma globulins on serum protein electrophoresis in cats exposed to and infected with Leishmania infantum. *Parasites and Vectors*, **2021**, 14, 217	4	1
7	Virulence and in vitro antifungal susceptibility of Candida albicans and Candida catenulata from laying hens. *International Microbiology*, **2021**, 24, 57-63	3	1
6	Gut-microbiota-derived extracellular vesicles: Overlooked mediators in host-helminth interactions?. *Trends in Parasitology*, **2021**, 37, 690-693	6.4	1
5	Recent Progress in Transcriptomics of Key Gastrointestinal Nematodes of Animals Fundamental Research Toward New Intervention Strategies61-72		1
4	Harnessing Genomic Technologies to Explore the Molecular Biology of Liver Flukes-Major Implications for Fundamental and Applied Research73-87		1
3	Worms and bugs of the gut: the search for diagnostic signatures using barcoding, and metagenomics-metabolomics.. *Parasites and Vectors*, **2022**, 15, 118	4	1
2	Helminth Microbiota Profiling Using Bacterial 16S rRNA Gene Amplicon Sequencing: From Sampling to Sequence Data Mining. *Methods in Molecular Biology*, **2021**, 2369, 263-298	1.4	0
1	Investigation of Host Microbe Parasite Interactions in an In Vitro 3D Model of the Vertebrate Gut. *Advanced Biology*,2200015		0