

David Carmena

List of Publications by Year in descending order

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107
papers

4,053
citations

145106

33
h-index

145109

60
g-index

113
all docs

113
docs citations

113
times ranked

5136
citing authors

#	ARTICLE	IF	CITATIONS
1	Diarrhoeaâ€causing enteric protist species in intensively and extensively raised pigs (<i>Sus scrofa) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Emerging Diseases, 2022, 69, .	1.3	11
2	Diarrhoeaâ€causing enteric protist species in intensively and extensively raised pigs (<i>Sus scrofa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Transboundary and Emerging Diseases, 2022, 69, .	1.3	3
3	Presence and genetic diversity of enteric protists in captive and semi-captive non-human primates in cÃ¢te dÃ¢Ivoire, Sierra Leone, and Peru. International Journal for Parasitology: Parasites and Wildlife, 2022, 17, 26-34.	0.6	6
4	Editorial for the Special Issue: Diagnosis, Epidemiology and Transmission Dynamics of Cryptosporidium spp. and Giardia duodenalis. Pathogens, 2022, 11, 141.	1.2	1
5	Enteric protists in wild western chimpanzees (<i>Pan troglodytes verus</i>) and humans in ComoÃ© National Park, CÃ¢te d'Ivoire. Primates, 2022, 63, 41-49.	0.7	3
6	Evaluation of a Novel Commercial Real-Time PCR Assay for the Simultaneous Detection of <i>Cryptosporidium</i> spp., <i>Giardia duodenalis</i> , and <i>Entamoeba histolytica</i> . Microbiology Spectrum, 2022, 10, e0053122.	1.2	5
7	Wild micromammal host spectrum of zoonotic eukaryotic parasites in Spain. Occurrence and genetic characterisation. Transboundary and Emerging Diseases, 2022, 69, .	1.3	10
8	Human-Borne Pathogens: Are They Threatening Wild Great Ape Populations?. Veterinary Sciences, 2022, 9, 356.	0.6	2
9	Risk associations for intestinal parasites in symptomatic and asymptomatic schoolchildren in central Mozambique. Clinical Microbiology and Infection, 2021, 27, 624-629.	2.8	14
10	Detection of enteric parasites and molecular characterization of <i>Giardia duodenalis</i> and <i>Blastocystis</i> sp. in patients admitted to hospital in Ankara, Turkey. Parasitology, 2021, 148, 550-561.	0.7	10
11	First Report of Zoonotic Genotype of <i>Giardia duodenalis</i> in Mussels (<i>Mytilus edulis</i>) from Patagonia Argentina. Vector-Borne and Zoonotic Diseases, 2021, 21, 92-97.	0.6	4
12	Multilocus Genotyping of <i>Giardia duodenalis</i> in Mostly Asymptomatic Indigenous People from the TapirapÃ© Tribe, Brazilian Amazon. Pathogens, 2021, 10, 206.	1.2	13
13	Molecular Diversity of <i>Giardia duodenalis</i> , <i>Cryptosporidium</i> spp., and <i>Blastocystis</i> sp. in Symptomatic and Asymptomatic Schoolchildren in ZambÃ©zia Province (Mozambique). Pathogens, 2021, 10, 255.	1.2	13
14	Parasites of the Reintroduced Iberian Lynx (<i>Lynx pardinus</i>) and Sympatric Mesocarnivores in Extremadura, Spain. Pathogens, 2021, 10, 274.	1.2	12
15	Occurrence and Genetic Diversity of Protist Parasites in Captive Non-Human Primates, Zookeepers, and Free-Living Sympatric Rats in the CÃ³rdoba Zoo Conservation Centre, Southern Spain. Animals, 2021, 11, 700.	1.0	20
16	<i>Blastocystis</i> sp. Carriage and Irritable Bowel Syndrome: Is the Association Already Established?. Biology, 2021, 10, 340.	1.3	4
17	Molecular Characterisation of <i>Cryptosporidium</i> spp. in Mozambican Children Younger than 5 Years Enrolled in a Matched Case-Control Study on the Aetiology of Diarrhoeal Disease. Pathogens, 2021, 10, 452.	1.2	2
18	Molecular Detection and Genotyping of Enteric Protists in Asymptomatic Schoolchildren and Their Legal Guardians in Madrid, Spain. Parasitologia, 2021, 1, 83-94.	0.6	2

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19	Symptomatic and Asymptomatic Protist Infections in Hospital Inpatients in Southwestern China. <i>Pathogens</i> , 2021, 10, 684.	1.2	3
20	Long-Term Preservation and Storage of Faecal Samples in Whatman® Cards for PCR Detection and Genotyping of <i>Giardia duodenalis</i> and <i>Cryptosporidium hominis</i> . <i>Animals</i> , 2021, 11, 1369.	1.0	1
21	Molecular survey of <i>Besnoitia</i> spp. (Apicomplexa) in faeces from European wild mesocarnivores in Spain. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3156-3166.	1.3	6
22	Molecular Detection and Characterization of <i>Blastocystis</i> sp. and <i>Enterocytozoon bieneusi</i> in Cattle in Northern Spain. <i>Veterinary Sciences</i> , 2021, 8, 191.	0.6	20
23	Molecular diversity of <i>Giardia duodenalis</i> in children under 5 years from the Manhã district, Southern Mozambique enrolled in a matched case-control study on the aetiology of diarrhoea. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008987.	1.3	24
24	<i>Giardia duodenalis</i> : Detection by Quantitative Real-Time PCR and Molecular Diversity. <i>Methods in Molecular Biology</i> , 2021, 2369, 83-97.	0.4	1
25	Molecular Detection and Characterization of Intestinal and Blood Parasites in Wild Chimpanzees (<i>Pan</i>) Tj ETQq1 1 0.784314 ggBT / Over	1.0	
26	Intestinal Protists in Captive Non-human Primates and Their Handlers in Six European Zoological Gardens. Molecular Evidence of Zoonotic Transmission. <i>Frontiers in Veterinary Science</i> , 2021, 8, 819887.	0.9	15
27	<i>Blastocystis</i> sp. Subtype Diversity in Wild Carnivore Species from Spain. <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 273-278.	0.8	22
28	Executive Summary of the Consensus Statement of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC), the Spanish Society of Tropical Medicine and International Health (SEM-TSI), the Spanish Association of Surgeons (AEC), the Spanish Society of Pneumology and Thoracic Surgery (SEPAR), the Spanish Society of Thoracic Surgery (SECT), the Spanish Society of Vascular and Interventional Radiology (SERVEI), and the Spanish Society of Paediatric Infectious Diseases (SEIP), on the Management. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2020, 38, 283-288.	0.3	5
29	Assessment of the Nutritional Status, Diet and Intestinal Parasites in Hosted Saharawi Children. <i>Children</i> , 2020, 7, 264.	0.6	2
30	Executive Summary of the Consensus Statement of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC), the Spanish Society of Tropical Medicine and International Health (SEM-TSI), the Spanish Association of Surgeons (AEC), the Spanish Society of Pneumology and Thoracic Surgery (SEPAR), the Spanish Society of Thoracic Surgery (SECT), the Spanish Society of Vascular and Interventional Radiology (SERVEI), and the Spanish Society of Paediatric Infectious Diseases (SEIP), on the Management. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2020, 38, 283-288.	0.2	2
31	Protist enteroparasites in wild boar (<i>Sus scrofa ferus</i>) and black Iberian pig (<i>Sus scrofa domesticus</i>) in southern Spain: a protective effect on hepatitis E acquisition?. <i>Parasites and Vectors</i> , 2020, 13, 281.	1.0	23
32	<i>Enterocytozoon bieneusi</i> (Microsporidia): Identification of novel genotypes and evidence of transmission between sympatric wild boars (<i>Sus scrofa ferus</i>) and Iberian pigs (<i>Sus scrofa</i>) Tj ETQq0 0 0.1 ggBT / Overdock 10 T	0.1	
33	Update on <i>Cryptosporidium</i> spp.: highlights from the Seventh International <i>Giardia</i> and <i>Cryptosporidium</i> Conference. <i>Parasite</i> , 2020, 27, 14.	0.8	40
34	Molecular Diversity of <i>Giardia duodenalis</i> , <i>Cryptosporidium</i> spp. and <i>Blastocystis</i> sp. in Asymptomatic School Children in Leganés, Madrid (Spain). <i>Microorganisms</i> , 2020, 8, 466.	1.6	26
35	First identification of genotypes of <i>Enterocytozoon bieneusi</i> (Microsporidia) among symptomatic and asymptomatic children in Mozambique. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008419.	1.3	17
36	Multilocus genotyping of <i>Giardia duodenalis</i> in Southwestern Iran. A community survey. <i>PLoS ONE</i> , 2020, 15, e0228317.	1.1	27

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37	Cryptosporidium hominis infections in non-human animal species: revisiting the concept of host specificity. International Journal for Parasitology, 2020, 50, 253-262.	1.3	43
38	The red fox (<i>Vulpes vulpes</i>) as a potential natural reservoir of human cryptosporidiosis by <i>Cryptosporidium hominis</i> in Northwest Spain. Transboundary and Emerging Diseases, 2020, 67, 2172.	1.3	13
39	Diagnóstico molecular de parasitosis intestinales. Enfermedades Infecciosas Y Microbiología Clínica, 2020, 38, 24-31.	0.3	9
40	The Current Molecular Epidemiological Scenario of Cryptosporidium, Giardia and Blastocystis in Spain. Implication for Public Health. , 2020, , 97-111.		2
41	Title is missing!. , 2020, 14, e0008419.		0
42	Title is missing!. , 2020, 14, e0008419.		0
43	Title is missing!. , 2020, 14, e0008419.		0
44	Title is missing!. , 2020, 14, e0008419.		0
45	Occurrence and genetic diversity of Enterocytozoon bienewsi (Microsporidia) in owned and sheltered dogs and cats in Northern Spain. Parasitology Research, 2019, 118, 2979-2987.	0.6	31
46	High Prevalence and Diversity of Zoonotic and Other Intestinal Parasites in Dogs from Eastern Spain. Vector-Borne and Zoonotic Diseases, 2019, 19, 915-922.	0.6	15
47	Imported cryptosporidiosis caused by Cryptosporidium hominis IbA13G3 in Spain. The relevance of molecular-based surveillance. Enfermedades Infecciosas Y Microbiología Clínica (English Ed), 2019, 37, 552-554.	0.2	0
48	Exploring interactions between Blastocystis sp., Strongyloides spp. and the gut microbiomes of wild chimpanzees in Senegal. Infection, Genetics and Evolution, 2019, 74, 104010.	1.0	16
49	Reduced prevalence of soil-transmitted helminths and high frequency of protozoan infections in the surrounding urban area of Curitiba, Paraná, Brazil. Parasite Epidemiology and Control, 2019, 7, e00115.	0.6	9
50	Cryptosporidium infections in terrestrial ungulates with focus on livestock: a systematic review and meta-analysis. Parasites and Vectors, 2019, 12, 453.	1.0	59
51	Cryptosporidium hominis IbA12G3: First report of a rare sub-genotype in Spain. Enfermedades Infecciosas Y Microbiología Clínica (English Ed), 2019, 37, 279-281.	0.2	0
52	Comparative performance evaluation of four commercial multiplex real-time PCR assays for the detection of the diarrhoea-causing protozoa Cryptosporidium hominis/parvum, Giardia duodenalis and Entamoeba histolytica. PLoS ONE, 2019, 14, e0215068.	1.1	24
53	Imported cryptosporidiosis caused by Cryptosporidium hominis IbA13G3 in Spain. The relevance of molecular-based surveillance. Enfermedades Infecciosas Y Microbiología Clínica, 2019, 37, 552-554.	0.3	2
54	Cryptosporidium hominis IbA12G3: First report of a rare sub-genotype in Spain. Enfermedades Infecciosas Y Microbiología Clínica, 2019, 37, 279-281.	0.3	6

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55	Substantial prevalence of enteroparasites <i>Cryptosporidium</i> spp., <i>Giardia duodenalis</i> and <i>Blastocystis</i> sp. in asymptomatic schoolchildren in Madrid, Spain, November 2017 to June 2018. <i>Eurosurveillance</i> , 2019, 24, .	3.9	36
56	<i>Cryptosporidium</i> -associated diarrhoea in neonatal calves in Algeria. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2018, 12, 78-84.	0.3	13
57	The seroprevalence rate and population genetic structure of human cystic echinococcosis in the Middle East: A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2018, 51, 39-48.	1.1	55
58	Molecular genotyping of <i>Giardia duodenalis</i> in children from Behbahan, southwestern Iran. <i>Parasitology Research</i> , 2018, 117, 1425-1431.	0.6	24
59	Reply letter to: Letter to the editor on the article "The seroprevalence rate and population genetic structure of human cystic echinococcosis in the Middle East: A systematic review and meta-analysis". <i>International Journal of Surgery</i> , 2018, 53, 379.	1.1	1
60	Molecular Characterization of <i>Enterocytozoon bienersi</i> in Wild Carnivores in Spain. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 468-474.	0.8	38
61	Occurrence and subtype distribution of <i>Blastocystis</i> sp. in humans, dogs and cats sharing household in northern Spain and assessment of zoonotic transmission risk. <i>Zoonoses and Public Health</i> , 2018, 65, 993-1002.	0.9	59
62	Prevalence of intestinal parasites, with emphasis on the molecular epidemiology of <i>Giardia duodenalis</i> and <i>Blastocystis</i> sp., in the Paranaguá Bay, Brazil: a community survey. <i>Parasites and Vectors</i> , 2018, 11, 490.	1.0	52
63	Progress in the pharmacological treatment of human cystic and alveolar echinococcosis: Compounds and therapeutic targets. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006422.	1.3	90
64	Occurrence and molecular epidemiology of <i>Giardia duodenalis</i> infection in dog populations in eastern Spain. <i>BMC Veterinary Research</i> , 2018, 14, 26.	0.7	37
65	Prevalence and molecular characterization of <i>Strongyloides stercoralis</i> , <i>Giardia duodenalis</i> , <i>Cryptosporidium</i> spp., and <i>Blastocystis</i> spp. isolates in school children in Cubal, Western Angola. <i>Parasites and Vectors</i> , 2018, 11, 67.	1.0	48
66	Occurrence and molecular genotyping of <i>Giardia duodenalis</i> and <i>Cryptosporidium</i> spp. in wild mesocarnivores in Spain. <i>Veterinary Parasitology</i> , 2017, 235, 86-93.	0.7	40
67	Acute fatal sarcocystosis hepatitis in an Indo-Pacific bottlenose dolphin (<i>Tursiops aduncus</i>) in Hong Kong. <i>Veterinary Parasitology</i> , 2017, 235, 64-68.	0.7	7
68	Detection and molecular diversity of <i>Giardia duodenalis</i> and <i>Cryptosporidium</i> spp. in sheltered dogs and cats in Northern Spain. <i>Infection, Genetics and Evolution</i> , 2017, 50, 62-69.	1.0	70
69	No molecular epidemiological evidence supporting household transmission of zoonotic <i>Giardia duodenalis</i> and <i>Cryptosporidium</i> spp. from pet dogs and cats in the province of Álava, Northern Spain. <i>Acta Tropica</i> , 2017, 170, 48-56.	0.9	74
70	Association between enteric protozoan parasites and gastrointestinal illness among HIV- and tuberculosis-infected individuals in the Chowke district, southern Mozambique. <i>Acta Tropica</i> , 2017, 170, 197-203.	0.9	18
71	Molecular diversity and frequency of the diarrheagenic enteric protozoan <i>Giardia duodenalis</i> and <i>Cryptosporidium</i> spp. in a hospital setting in Northern Spain. <i>PLoS ONE</i> , 2017, 12, e0178575.	1.1	48
72	Identification and genotyping of <i>Giardia</i> spp. and <i>Cryptosporidium</i> spp. isolates in aquatic birds in the Salburua wetlands, Álava, Northern Spain. <i>Veterinary Parasitology</i> , 2016, 221, 144-148.	0.7	25

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73	Sarcocystis arctica (Apicomplexa: Sarcocystidae): ultrastructural description and its new host record, the Alaskan wolf (Canis lupus). Parasitology Research, 2016, 115, 2893-2897.	0.6	10
74	Evaluation of five commercial methods for the extraction and purification of DNA from human faecal samples for downstream molecular detection of the enteric protozoan parasites Cryptosporidium spp., Giardia duodenalis, and Entamoeba spp. Journal of Microbiological Methods, 2016, 127, 68-73.	0.7	40
75	Autochthonous Cryptosporidium cuniculus infection in Spain: First report in a symptomatic paediatric patient from Madrid. Enfermedades Infecciosas Y Microbiologa Clnica, 2016, 34, 532-534.	0.3	14
76	Cryptosporidium ubiquitum in Venezuela: First report in a paediatric patient with acute diarrhoea. Enfermedades Infecciosas Y Microbiologa Clnica, 2016, 34, 142-143.	0.3	6
77	Molecular genotyping and sub-genotyping of Cryptosporidium spp. isolates from symptomatic individuals attending two major public hospitals in Madrid, Spain. Infection, Genetics and Evolution, 2016, 37, 49-56.	1.0	37
78	Prevalence and Genetic Diversity of Giardia duodenalis and Cryptosporidium spp. among School Children in a Rural Area of the Amhara Region, North-West Ethiopia. PLoS ONE, 2016, 11, e0159992.	1.1	52
79	Detection and molecular characterisation of <i>Giardia duodenalis</i>, <i>Cryptosporidium</i> spp. and <i>Entamoeba</i> spp. among patients with gastrointestinal symptoms in Gambo Hospital, Oromia Region, southern Ethiopia. Tropical Medicine and International Health, 2015, 20, 1213-1222.	1.0	25
80	Molecular Genotyping of Giardia duodenalis Isolates from Symptomatic Individuals Attending Two Major Public Hospitals in Madrid, Spain. PLoS ONE, 2015, 10, e0143981.	1.1	51
81	Unexpected finding of feline-specific Giardia duodenalis assemblage F and Cryptosporidium felis in asymptomatic adult cattle in Northern Spain. Veterinary Parasitology, 2015, 209, 258-263.	0.7	35
82	Cystic Echinococcosis in the Province of lava, North Spain: The Monetary Burden of a Disease No Longer under Surveillance. PLoS Neglected Tropical Diseases, 2014, 8, e3069.	1.3	14
83	Echinococcosis in wild carnivorous species: Epidemiology, genotypic diversity, and implications for veterinary public health. Veterinary Parasitology, 2014, 202, 69-94.	0.7	99
84	The mammalian AMPactivated protein kinase complex mediates glucose regulation of gene expression in the yeast <i>Saccharomyces cerevisiae</i>. FEBS Letters, 2014, 588, 2070-2077.	1.3	8
85	Detection and Molecular Characterization of Giardia duodenalis in Children Attending Day Care Centers in Majadahonda, Madrid, Central Spain. Medicine (United States), 2014, 93, e75.	0.4	29
86	Canine echinococcosis: Global epidemiology and genotypic diversity. Acta Tropica, 2013, 128, 441-460.	0.9	67
87	Structural basis of AMPK regulation by small molecule activators. Nature Communications, 2013, 4, 3017.	5.8	432
88	A review of the global prevalence, molecular epidemiology and economics of cystic echinococcosis in production animals. Veterinary Parasitology, 2013, 192, 10-32.	0.7	181
89	Current situation of <i>Giardia</i> infection in Spain: Implications for public health. World Journal of Clinical Infectious Diseases, 2012, 2, 1.	0.5	29
90	ADP Regulates SNF1, the Saccharomyces cerevisiae Homolog of AMP-Activated Protein Kinase. Cell Metabolism, 2011, 14, 707-714.	7.2	146

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91	Structure of mammalian AMPK and its regulation by ADP. <i>Nature</i> , 2011, 472, 230-233.	13.7	761
92	Identification and molecular characterization of <i>Cryptosporidium</i> and <i>Giardia</i> in children and cattle populations from the province of Álava, North of Spain. <i>Science of the Total Environment</i> , 2011, 412-413, 101-108.	3.9	41
93	Reporting of human cystic echinococcosis in Spain: How effective is the epidemiological surveillance system?. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2010, 28, 135-136.	0.3	5
94	Analysis of the economic impact of cystic echinococcosis in Spain. <i>Bulletin of the World Health Organization</i> , 2010, 88, 49-57.	1.5	65
95	<i>Echinococcus granulosus</i> Infection in Spain. <i>Zoonoses and Public Health</i> , 2008, 55, 156-165.	0.9	51
96	CLC-3 expression enhances etoposide resistance by increasing acidification of the late endocytic compartment. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 979-986.	1.9	52
97	Lifespan regulation of conventional protein kinase C isotypes. <i>Biochemical Society Transactions</i> , 2007, 35, 1043-1045.	1.6	12
98	Presence of <i>Giardia</i> cysts and <i>Cryptosporidium</i> oocysts in drinking water supplies in northern Spain. <i>Journal of Applied Microbiology</i> , 2007, 102, 619-629.	1.4	100
99	Presence of <i>Giardia</i> cysts and <i>Cryptosporidium</i> oocysts in drinking water supplies in northern Spain. <i>Journal of Applied Microbiology</i> , 2007, 102, 882-882.	1.4	0
100	The immunodiagnosis of <i>Echinococcus multilocularis</i> infection. <i>Clinical Microbiology and Infection</i> , 2007, 13, 460-475.	2.8	47
101	Antigens for the immunodiagnosis of <i>Echinococcus granulosus</i> infection: An update. <i>Acta Tropica</i> , 2006, 98, 74-86.	0.9	142
102	Dog echinococcosis in northern Spain: Comparison of coproantigen and serum antibody assays with coprological exam. <i>Veterinary Parasitology</i> , 2006, 142, 102-111.	0.7	41
103	The human CLC4 protein, a member of the CLC chloride channel/transporter family, is localized to the endoplasmic reticulum by its N-terminus. <i>FASEB Journal</i> , 2006, 20, 2390-2392.	0.2	27
104	Preliminary study of the presence of antibodies against excretory-secretory antigens from protozoa of <i>Echinococcus granulosus</i> in dogs with intestinal echinococcosis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005, 100, 311-317.	0.8	13
105	Shared and non-shared antigens from three different extracts of the metacystode of <i>Echinococcus granulosus</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005, 100, 861-867.	0.8	6
106	Double-antibody sandwich ELISA using biotinylated antibodies for the detection of <i>Echinococcus granulosus</i> coproantigens in dogs. <i>Acta Tropica</i> , 2005, 95, 9-15.	0.9	20
107	Characterization of excretory-secretory products from protozoa of <i>Echinococcus granulosus</i> and evaluation of their potential for immunodiagnosis of human cystic echinococcosis. <i>Parasitology</i> , 2004, 129, 371-378.	0.7	24