Isabel Garca Fernndez

List of Publications by Citations

104 papers	2,697 citations	28 h-index	47 g-index
107 ext. papers	3,179 ext. citations	3.9 avg, IF	4.72 L-index

#	Paper	IF	Citations
104	Wild boar and red deer display high prevalences of tuberculosis-like lesions in Spain. *Veterinary Research*, **2006**, 37, 107-19	3.8	139
103	Sequence analysis of the msp4 gene of Anaplasma ovis strains. *Veterinary Microbiology*, **2007**, 119, 375-84	3.3	125
102	Risk factors associated with the prevalence of tuberculosis-like lesions in fenced wild boar and red deer in south central Spain. *Veterinary Research*, **2007**, 38, 451-64	3.8	119
101	Potential vertebrate reservoir hosts and invertebrate vectors of Anaplasma marginale and A. phagocytophilum in central Spain. *Vector-Borne and Zoonotic Diseases*, **2005**, 5, 390-401	2.4	103
100	Genetic resistance to bovine tuberculosis in the Iberian wild boar. *Molecular Ecology*, **2005**, 14, 3209-17	5.7	103
99	Molecular characterization of Mycobacterium tuberculosis complex isolates from wild ungulates in south-central Spain. *Veterinary Research*, **2005**, 36, 43-52	3.8	101
98	Ixodid ticks parasitizing Iberian red deer (Cervus elaphus hispanicus) and European wild boar (Sus scrofa) from Spain: geographical and temporal distribution. *Veterinary Parasitology*, **2006**, 140, 133-42	2.8	89
97	Piroplasmosis in wildlife: Babesia and Theileria affecting free-ranging ungulates and carnivores in the Italian Alps. *Parasites and Vectors*, **2014**, 7, 70	4	78
96	Prevalence of tick-borne pathogens in adult Dermacentor spp. ticks from nine collection sites in France. *Vector-Borne and Zoonotic Diseases*, **2013**, 13, 226-36	2.4	78
95	Molecular detection of vector-borne pathogens in wild and domestic carnivores and their ticks at the human-wildlife interface. *Ticks and Tick-borne Diseases*, **2016**, 7, 284-90	3.6	64
94	Anaplasma infection in free-ranging Iberian red deer in the region of Castilla-La Mancha, Spain. *Veterinary Microbiology*, **2004**, 100, 163-73	3.3	59
93	Factors driving the abundance of ixodes ricinus ticks and the prevalence of zoonotic I. ricinus-borne pathogens in natural foci. *Applied and Environmental Microbiology*, **2012**, 78, 2669-76	4.8	58
92	First molecular evidence of Anaplasma ovis and Rickettsia spp. in keds (Diptera: Hippoboscidae) of sheep and wild ruminants. *Vector-Borne and Zoonotic Diseases*, **2011**, 11, 1319-21	2.4	56
91	Wild boar helminths: risks in animal translocations. *Veterinary Parasitology*, **2003**, 115, 335-41	2.8	49
90	The importance of parasite life history and host density in predicting the impact of infections in red deer. *Oecologia*, **2007**, 152, 655-64	2.9	48
89	Serosurvey of Aujeszky's disease virus infection in European wild boar in Spain. *Veterinary Record*, **2005**, 156, 408-12	0.9	47
88	Molecular identification of tick-borne pathogens in Nigerian ticks. *Veterinary Parasitology*, **2012**, 187, 572-7	2.8	44

87	Oral vaccination with heat inactivated Mycobacterium bovis activates the complement system to protect against tuberculosis. *PLoS ONE*, **2014**, 9, e98048	3.7	41
86	High prevalence of Hepatozoon-infection among shepherd dogs in a region considered to be free of Rhipicephalus sanguineus. *Veterinary Parasitology*, **2013**, 196, 189-93	2.8	39
85	Tick-host conflict: immunoglobulin E antibodies to tick proteins in patients with anaphylaxis to tick bite. *Oncotarget*, **2017**, 8, 20630-20644	3.3	39
84	Molecular evidence of Ehrlichia canis and Rickettsia massiliae in ixodid ticks of carnivores from South Hungary. *Acta Veterinaria Hungarica*, **2013**, 61, 42-50	1	34
83	Usutu virus in migratory song thrushes, Spain. *Emerging Infectious Diseases*, **2013**, 19, 1173-5	10.2	34
82	Synanthropic birds associated with high prevalence of tick-borne rickettsiae and with the first detection of Rickettsia aeschlimannii in Hungary. *Vector-Borne and Zoonotic Diseases*, **2013**, 13, 77-83	2.4	33
81	A systems biology approach to the characterization of stress response in Dermacentor reticulatus tick unfed larvae. *PLoS ONE*, **2014**, 9, e89564	3.7	33
80	Molecular identification and characterization of Anaplasma platys and Ehrlichia canis in dogs in Mexico. *Ticks and Tick-borne Diseases*, **2016**, 7, 276-83	3.6	32
79	Lesser protein degradation machinery correlates with higher BM86 tick vaccine efficacy in Rhipicephalus annulatus when compared to Rhipicephalus microplus. *Vaccine*, **2013**, 31, 4728-35	4.1	32
78	A database for animal tuberculosis (mycoDB.es) within the context of the Spanish national programme for eradication of bovine tuberculosis. *Infection, Genetics and Evolution*, **2012**, 12, 877-82	4.5	30
77	Regulation of the Immune Response to Gal and Vector-borne Diseases. *Trends in Parasitology*, **2015**, 31, 470-476	6.4	29
76	Fatal bovine anaplasmosis in a herd with new genotypes of Anaplasma marginale, Anaplasma ovis and concurrent haemoplasmosis. *Research in Veterinary Science*, **2012**, 92, 30-5	2.5	28
75	Molecular epidemiology of human and bovine anaplasmosis in southern Europe. *Annals of the New York Academy of Sciences*, **2006**, 1078, 95-9	6.5	28
74	Control of tick infestations and pathogen prevalence in cattle and sheep farms vaccinated with the recombinant Subolesin-Major Surface Protein 1a chimeric antigen. *Parasites and Vectors*, **2014**, 7, 10	4	27
73	Louping ill in goats, Spain, 2011. *Emerging Infectious Diseases*, **2012**, 18, 976-8	10.2	27
72	Re-emergence of bovine piroplasmosis in Hungary: has the etiological role of Babesia divergens been taken over by B. major and Theileria buffeli?. *Parasites and Vectors*, **2014**, 7, 434	4	26
71	Epidemiological risk factors of Aujeszky disease in wild boars (Sus scrofa) and domestic pigs in Spain. *European Journal of Wildlife Research*, **2008**, 54, 549-555	2	25
70	Natural Bagaza virus infection in game birds in southern Spain. *Veterinary Research*, **2012**, 43, 65	3.8	24

69	Factors affecting red deer skin test responsiveness to bovine and avian tuberculin and to phytohaemagglutinin. *Preventive Veterinary Medicine*, **2009**, 90, 119-26	3.1	24
68	Differential expression of inflammatory and immune response genes in mesenteric lymph nodes of Iberian red deer (Cervus elaphus hispanicus) naturally infected with Mycobacterium bovis. *Developmental and Comparative Immunology*, **2008**, 32, 85-91	3.2	24
67	Tick- and fly-borne bacteria in ungulates: the prevalence of Anaplasma phagocytophilum, haemoplasmas and rickettsiae in water buffalo and deer species in Central Europe, Hungary. *BMC Veterinary Research*, **2018**, 14, 98	2.7	22
66	Rickettsia massiliae in the Canary Islands. *Emerging Infectious Diseases*, **2009**, 15, 1869-70	10.2	22
65	Epidemiology and risk factors analysis of elaphostrongylosis in red deer (Cervus elaphus) from Spain. *Parasitology Research*, **2006**, 98, 77-85	2.4	22
64	Tick and Host Derived Compounds Detected in the Cement Complex Substance. *Biomolecules*, **2020** , 10,	5.9	22
63	Vaccinomics Approach to the Identification of Candidate Protective Antigens for the Control of Tick Vector Infestations and Infection. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 360	5.9	21
62	Detection of environmental SARS-CoV-2 RNA in a high prevalence setting in Spain. *Transboundary and Emerging Diseases*, **2021**, 68, 1487-1492	4.2	21
61	Spotted fever group rickettsiae in questing ticks, central Spain. *Emerging Infectious Diseases*, **2013**, 19, 1163-5	10.2	20
60	Infection and exposure to vector-borne pathogens in rural dogs and their ticks, Uganda. *Parasites and Vectors*, **2015**, 8, 306	4	19
59	Eurasian wild boar response to skin-testing with mycobacterial and non-mycobacterial antigens. *Preventive Veterinary Medicine*, **2010**, 96, 211-7	3.1	19
58	Non-pet dogs as sentinels and potential synanthropic reservoirs of tick-borne and zoonotic bacteria. *Veterinary Microbiology*, **2013**, 167, 700-3	3.3	18
57	Optimizing the sampling effort to evaluate body condition in ungulates: A case study on red deer. *Ecological Indicators*, **2013**, 30, 65-71	5.8	18
56	Rickettsia conorii Indian tick typhus strain and R. slovaca in humans, Sicily. *Emerging Infectious Diseases*, **2012**, 18, 1008-10	10.2	18
55	Effects of parasitic helminths and ivermectin treatment on clinical parameters in the European wild boar (Sus scrofa). *Parasitology Research*, **2006**, 98, 582-7	2.4	18
54	Contributions to the morphology and phylogeny of the newly discovered bat tick species, Ixodes ariadnae in comparison with I. vespertilionis and I. simplex. *Parasites and Vectors*, **2015**, 8, 47	4	17
53	High degree of mitochondrial gene heterogeneity in the bat tick species Ixodes vespertilionis, I. ariadnae and I. simplex from Eurasia. *Parasites and Vectors*, **2015**, 8, 457	4	17
52	Diagnosis of tuberculosis in camelids: old problems, current solutions and future challenges. *Transboundary and Emerging Diseases*, **2012**, 59, 1-10	4.2	17

51	MSP4 and HSP70 Proteins Are Involved in Interactions with Host Cells during Pathogen Infection. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 307	5.9	17
50	Impact of major histocompatibility complex class II polymorphisms on Iberian red deer parasitism and life history traits. *Infection, Genetics and Evolution*, **2009**, 9, 1232-9	4.5	16
49	Molecular identification of tick-borne pathogens in ticks collected from dogs and small ruminants from Greece. *Experimental and Applied Acarology*, **2018**, 74, 443-453	2.1	15
48	Sequencing of modern Lepus VDJ genes shows that the usage of VHn genes has been retained in both Oryctolagus and Lepus that diverged 12 million years ago. *Immunogenetics*, **2013**, 65, 777-84	3.2	15
47	Assessment of in vivo and in vitro tuberculosis diagnostic tests in Mycobacterium caprae naturally infected caprine flocks. *Preventive Veterinary Medicine*, **2011**, 100, 187-92	3.1	14
46	The antibody response to the glycan Gal correlates with COVID-19 disease symptoms. *Journal of Medical Virology*, **2021**, 93, 2065-2075	19.7	14
45	Characterization of the bacterial microbiota in wild-caught Ixodes ventalloi. *Ticks and Tick-borne Diseases*, **2019**, 10, 336-343	3.6	14
44	Detection of new Crimean-Congo haemorrhagic fever virus genotypes in ticks feeding on deer and wild boar, Spain. *Transboundary and Emerging Diseases*, **2021**, 68, 993-1000	4.2	14
43	Identification and characterization of a novel tick-borne flavivirus subtype in goats (Capra hircus) in Spain. *Journal of General Virology*, **2015**, 96, 1676-81	4.9	13
42	Identification and molecular characterization of spotted fever group rickettsiae in ticks collected from farm ruminants in Lebanon. *Ticks and Tick-borne Diseases*, **2018**, 9, 104-108	3.6	13
41	Efficacy of an in-feed preparation of ivermectin against helminths in the European wild boar. *Parasitology Research*, **2004**, 92, 133-6	2.4	13
40	Unexpected high responses to tuberculin skin-test in farmed red deer: implications for tuberculosis control. *Preventive Veterinary Medicine*, **2012**, 104, 327-34	3.1	12
39	The effects of sex and age on phytohaemagglutinin skin-testing of deer. *New Zealand Veterinary Journal*, **2008**, 56, 71-3	1.7	12
38	Assessing bat droppings and predatory bird pellets for vector-borne bacteria: molecular evidence of bat-associated Neorickettsia sp. in Europe. *Antonie Van Leeuwenhoek*, **2018**, 111, 1707-1717	2.1	11
37	Expression of Early Growth Response Gene-2 and Regulated Cytokines Correlates with Recovery from Guillain-Barr Syndrome. *Journal of Immunology*, **2016**, 196, 1102-7	5.3	11
36	Biotic and abiotic factors shape the microbiota of wild-caught populations of the arbovirus vector Culicoides imicola. *Insect Molecular Biology*, **2018**, 27, 847-861	3.4	11
35	Reduced major histocompatibility complex class II polymorphism in a hunter-managed isolated Iberian red deer population. *Journal of Zoology*, **2009**, 277, 157-170	2	11
34	Proteomics approach to the study of cattle tick adaptation to white tailed deer. *BioMed Research International*, **2013**, 2013, 319812	3	10

33	Sex-biased differences in the effects of host individual, host population and environmental traits driving tick parasitism in red deer. *Frontiers in Cellular and Infection Microbiology*, **2013**, 3, 23	5.9	10
32	Optimal dose and timing in phytohaemagglutinin skin-testing of deer. *New Zealand Veterinary Journal*, **2006**, 54, 357-9	1.7	10
31	Red deer in Iberia: Molecular ecological studies in a southern refugium and inferences on European postglacial colonization history. *PLoS ONE*, **2019**, 14, e0210282	3.7	10
30	Clinical gamasoidosis and antibody response in two patients infested with Ornithonyssus bursa (Acari: Gamasida: Macronyssidae). *Experimental and Applied Acarology*, **2019**, 78, 555-564	2.1	9
29	Combination of RT-PCR and proteomics for the identification of Crimean-Congo hemorrhagic fever virus in ticks. *Heliyon*, **2017**, 3, e00353	3.6	9
28	Comparison of three immunological diagnostic tests for the detection of avian tuberculosis in naturally infected red deer (Cervus elaphus). *Journal of Veterinary Diagnostic Investigation*, **2009**, 21, 102-7	1.5	9
27	Genotypes of Coxiella burnetii in wildlife: disentangling the molecular epidemiology of a multi-host pathogen. *Environmental Microbiology Reports*, **2016**, 8, 708-714	3.7	9
26	No evidence that wild red deer (Cervus elaphus) on the Iberian Peninsula are a reservoir of Mycobacterium avium subspecies paratuberculosis infection. *Veterinary Journal*, **2012**, 192, 544-6	2.5	8
25	Molecular and immunological characterization of three strains of Anaplasma marginale grown in cultured tick cells. *Ticks and Tick-borne Diseases*, **2015**, 6, 522-9	3.6	7
24	Use of Percoll gradients to purify Anaplasma marginale (Rickettsiales: Anaplasmataceae) from tick cell cultures. *Ticks and Tick-borne Diseases*, **2014**, 5, 511-5	3.6	7
23	Long-Term Dynamics of Coxiella burnetii in Farmed Red Deer (Cervus elaphus). *Frontiers in Veterinary Science*, **2015**, 2, 74	3.1	7
22	The testing season affects red deer skinfold increase in response to phytohaemagglutinin. *Preventive Veterinary Medicine*, **2011**, 100, 79-83	3.1	7
21	Multi-level analysis of exposure to triazole fungicides through treated seed ingestion in the red-legged partridge. *Environmental Research*, **2020**, 189, 109928	7.9	7
20	Sex-related differences in body condition and serum biochemical parameters in red deer (Cervus elaphus) naturally infected with Mycobacterium bovis. *Veterinary Journal*, **2013**, 198, 702-6	2.5	6
19	Genetic characterization of Coxiella burnetii in Amblyomma varigatum ticks from North-central Nigeria: public health importance. *Veterinary World*, **2013**, 6, 818-822	1.7	6
18	Molecular screening for Anaplasmataceae in ticks and tsetse flies from Ethiopia. *Acta Veterinaria Hungarica*, **2016**, 64, 65-70	1	6
17	Isolation and characterization of Babesia pecorum sp. nov. from farmed red deer (Cervus elaphus). *Veterinary Research*, **2014**, 45, 78	3.8	5
16	Efficacy of in-feed-administered ivermectin on Elaphostrongylus cervi first-stage excretion in red deer (Cervus elaphus). *Parasitology Research*, **2006**, 98, 176-8	2.4	5

15	Characterization of the anti-Gal antibody profile in association with Guillain-Barr syndrome, implications for tick-related allergic reactions. *Ticks and Tick-borne Diseases*, **2021**, 12, 101651	3.6	5
14	Serum haptoglobin response in red deer naturally infected with tuberculosis. *Comparative Immunology, Microbiology and Infectious Diseases*, **2019**, 64, 25-30	2.6	4
13	A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. *F1000Research*, **2020**, 9, 1366	3.6	4
12	Microbial community of Hyalomma lusitanicum is dominated by Francisella-like endosymbiont. *Ticks and Tick-borne Diseases*, **2021**, 12, 101624	3.6	4
11	Characterization by Quantitative Serum Proteomics of Immune-Related Prognostic Biomarkers for COVID-19 Symptomatology. *Frontiers in Immunology*, **2021**, 12, 730710	8.4	4
10	Molecular identification of spotted fever group Rickettsia in ticks collected from dogs and small ruminants in Greece. *Experimental and Applied Acarology*, **2019**, 78, 421-430	2.1	3
9	Draft Genome Sequences of , , and Isolates from Different Hosts. *Genome Announcements*, **2018**, 6,		3
8	Evidence of co-infection with Mycobacterium bovis and tick-borne pathogens in a naturally infected sheep flock. *Ticks and Tick-borne Diseases*, **2016**, 7, 384-9	3.6	3
7	Comparative Proteomic Analysis of sensu lato (Acari: Ixodidae) Tropical and Temperate Lineages: Uncovering Differences During Infection. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 611113	5.9	3
6	A metaproteomics approach reveals changes in mandibular lymph node microbiota of wild boar naturally exposed to an increasing trend of Mycobacterium tuberculosis complex infection. *Tuberculosis*, **2019**, 114, 103-112	2.6	2
5	Molecular survey of Rickettsial organisms in ectoparasites from a dog shelter in Northern Mexico. *Veterinary Parasitology: Regional Studies and Reports*, **2017**, 10, 143-148	1.2	2
4	The antibody response to the glycan Gal correlates with COVID-19 disease symptoms		2
3	COVID-19 in a Rural Community: Outbreak Dynamics, Contact Tracing and Environmental RNA		2
2	A dataset for the analysis of antibody response to glycan alpha-Gal in individuals with immune-mediated disorders. *F1000Research*, **2020**, 9, 1366	3.6	2
1	Fatal cases of bovine anaplasmosis in a herd infected with different Anaplasma marginale genotypes in southern Spain. *Ticks and Tick-borne Diseases*, **2022**, 13, 101864	3.6	0