

# G Álvarez-García-a

## List of Publications by Year in descending order

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102  
papers

2,844  
citations

159585

30  
h-index

214800

47  
g-index

103  
all docs

103  
docs citations

103  
times ranked

1292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Detection of <i>Neospora caninum</i> in Bovine Aborted Fetuses and Experimentally Infected Mice by Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2002, 40, 1194-1198.	3.9	134
2	A century of bovine besnoitiosis: an unknown disease re-emerging in Europe. <i>Trends in Parasitology</i> , 2013, 29, 407-415.	3.3	114
3	Influence of age and purpose for testing on the cut-off selection of serological methods in bovine neosporosis. <i>Veterinary Research</i> , 2003, 34, 341-352.	3.0	81
4	Pattern of recognition of <i>Neospora caninum</i> tachyzoite antigens by naturally infected pregnant cattle and aborted fetuses. <i>Veterinary Parasitology</i> , 2002, 107, 15-27.	1.8	75
5	Dynamics of <i>Besnoitia besnoiti</i> infection in cattle. <i>Parasitology</i> , 2014, 141, 1419-1435.	1.5	75
6	Chronic bovine besnoitiosis: Intra-organ parasite distribution, parasite loads and parasite-associated lesions in subclinical cases. <i>Veterinary Parasitology</i> , 2013, 197, 95-103.	1.8	71
7	First Isolation of <i>Besnoitia besnoiti</i> from a Chronically Infected Cow in Spain. <i>Journal of Parasitology</i> , 2009, 95, 474-476.	0.7	69
8	Isolation and characterization of a bovine isolate of <i>Neospora caninum</i> with low virulence. <i>Veterinary Parasitology</i> , 2009, 159, 7-16.	1.8	66
9	In vitro invasion efficiency and intracellular proliferation rate comprise virulence-related phenotypic traits of <i>Neospora caninum</i> . <i>Veterinary Research</i> , 2011, 42, 41.	3.0	65
10	Evaluation of ovine abortion associated with <i>Toxoplasma gondii</i> in Spain by different diagnostic techniques. <i>Veterinary Parasitology</i> , 2004, 121, 33-43.	1.8	63
11	ADAPTATION OF NEOSPOORA CANINUM ISOLATES TO CELL-CULTURE CHANGES: AN ARGUMENT IN FAVOR OF ITS CLONAL POPULATION STRUCTURE. <i>Journal of Parasitology</i> , 2005, 91, 507-510.	0.7	62
12	Temporal Distribution and Parasite Load Kinetics in Blood and Tissues during <i>Neospora caninum</i> Infection in Mice. <i>Infection and Immunity</i> , 2006, 74, 2491-2494.	2.2	60
13	Development and use of an indirect ELISA in an outbreak of bovine besnoitiosis in Spain. <i>Veterinary Record</i> , 2010, 166, 818-822.	0.3	60
14	Infected Dendritic Cells Facilitate Systemic Dissemination and Transplacental Passage of the Obligate Intracellular Parasite <i>Neospora caninum</i> in Mice. <i>PLoS ONE</i> , 2012, 7, e32123.	2.5	60
15	An Inter-Laboratory Comparative Study of Serological Tools Employed in the Diagnosis of <i>Besnoitia besnoiti</i> Infection in Bovines. <i>Transboundary and Emerging Diseases</i> , 2013, 60, 59-68.	3.0	60
16	<i>Neospora caninum</i> infection as a cause of reproductive failure in a sheep flock. <i>Veterinary Research</i> , 2014, 45, 88.	3.0	57
17	Evaluation by different diagnostic techniques of bovine abortion associated with <i>Neospora caninum</i> in Spain. <i>Veterinary Parasitology</i> , 2003, 111, 143-152.	1.8	54
18	The <i>Neospora caninum</i> -Spain 7 isolate induces placental damage, fetal death and abortion in cattle when inoculated in early gestation. <i>Veterinary Parasitology</i> , 2012, 189, 171-181.	1.8	50

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19	Identification and molecular cloning of the <i>Neospora caninum</i> SAG4 gene specifically expressed at bradyzoite stage. <i>Molecular and Biochemical Parasitology</i> , 2006, 146, 89-97.	1.1	49
20	Serological diagnosis of bovine neosporosis: A comparative study of commercially available ELISA tests. <i>Veterinary Parasitology</i> , 2013, 198, 85-95.	1.8	49
21	Usefulness of rNcGRA7- and rNcSAG4-based ELISA tests for distinguishing primo-infection, recrudescence, and chronic bovine neosporosis. <i>Veterinary Parasitology</i> , 2008, 157, 182-195.	1.8	48
22	The NcGRA7 gene encodes the immunodominant 17 kDa antigen of <i>Neospora caninum</i> . <i>Parasitology</i> , 2007, 134, 41-50.	1.5	42
23	In vitro efficacy of bumped kinase inhibitors against <i>Besnoitia besnoiti</i> tachyzoites. <i>International Journal for Parasitology</i> , 2017, 47, 811-821.	3.1	40
24	Pattern of recognition of <i>Besnoitia besnoiti</i> tachyzoite and bradyzoite antigens by naturally infected cattle. <i>Veterinary Parasitology</i> , 2009, 164, 104-110.	1.8	39
25	<i>Besnoitia besnoiti</i> lytic cycle in vitro and differences in invasion and intracellular proliferation among isolates. <i>Parasites and Vectors</i> , 2016, 9, 115.	2.5	37
26	Failure of a vaccine using immunogenic recombinant proteins rNcSAG4 and rNcGRA7 against neosporosis in mice. <i>Vaccine</i> , 2009, 27, 7331-7338.	3.8	35
27	Seroprevalence and risk factors associated with <i>Neospora caninum</i> infection in different dog populations in Spain. <i>Veterinary Parasitology</i> , 2008, 152, 148-151.	1.8	34
28	<i>Neospora caninum</i> seroprevalence in dairy and beef cattle from the northwest region of Spain, Galicia. <i>Preventive Veterinary Medicine</i> , 2011, 98, 128-132.	1.9	34
29	Proteome expression changes among virulent and attenuated <i>Neospora caninum</i> isolates. <i>Journal of Proteomics</i> , 2012, 75, 2306-2318.	2.4	34
30	Molecular characterisation of BSR4, a novel bradyzoite-specific gene from <i>Neospora caninum</i> . <i>International Journal for Parasitology</i> , 2007, 37, 887-896.	3.1	32
31	Serological evidence of <i>Besnoitia</i> spp. infection in Canadian wild ruminants and strong cross-reaction between <i>Besnoitia besnoiti</i> and <i>Besnoitia tarandi</i> . <i>Veterinary Parasitology</i> , 2012, 190, 19-28.	1.8	32
32	First Report of <i>Neospora caninum</i> Infection in Adult Alpacas ( <i>Vicugna pacos</i> ) and Llamas ( <i>Lama glama</i> ). <i>Journal of Parasitology</i> , 2004, 90, 864-866.	0.7	30
33	<i>Neospora caninum</i> infection in sheep and goats from north-eastern Italy and associated risk factors. <i>Small Ruminant Research</i> , 2016, 140, 7-12.	1.2	30
34	First 2-DE approach towards characterising the proteome and immunome of <i>Besnoitia besnoiti</i> in the tachyzoite stage. <i>Veterinary Parasitology</i> , 2013, 195, 24-34.	1.8	29
35	Use of Avidity Enzyme-Linked Immunosorbent Assay and Avidity Western Blot to Discriminate between Acute and Chronic <i>Neospora Caninum</i> Infection in Cattle. <i>Journal of Veterinary Diagnostic Investigation</i> , 2005, 17, 442-450.	1.1	28
36	First serosurvey of <i>Besnoitia</i> spp. infection in wild European ruminants in Spain. <i>Veterinary Parasitology</i> , 2013, 197, 557-564.	1.8	28

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37	Advances in the diagnosis of bovine besnoitiosis: current options and applications for control. <i>International Journal for Parasitology</i> , 2017, 47, 737-751.	3.1	28
38	Anti- <i>Neospora caninum</i> and anti- <i>Sarcocystis</i> spp. specific antibodies cross-react with <i>Besnoitia besnoiti</i> and influence the serological diagnosis of bovine besnoitiosis. <i>Veterinary Parasitology</i> , 2015, 214, 49-54.	1.8	27
39	The role of wild ruminants as reservoirs of <i>Besnoitia besnoiti</i> infection in cattle. <i>Veterinary Parasitology</i> , 2016, 223, 7-13.	1.8	27
40	CHARACTERIZATION OF PATHOLOGY AND PARASITE LOAD IN OUTBRED AND INBRED MOUSE MODELS OF CHRONIC <i>NEOSPORA CANINUM</i> INFECTION. <i>Journal of Parasitology</i> , 2004, 90, 579-583.	0.7	26
41	Identification of <i>Besnoitia besnoiti</i> proteins that showed differences in abundance between tachyzoite and bradyzoite stages by difference gel electrophoresis. <i>Parasitology</i> , 2013, 140, 999-1008.	1.5	26
42	The tandemly repeated NTPase (NTPDase) from <i>Neospora caninum</i> is a canonical dense granule protein whose RNA expression, protein secretion and phosphorylation coincides with the tachyzoite egress. <i>Parasites and Vectors</i> , 2016, 9, 352.	2.5	26
43	<i>Toxoplasma gondii</i> infection in adult llamas ( <i>Lama glama</i> ) and vicunas ( <i>Vicugna vicugna</i> ) in the Peruvian Andean region. <i>Veterinary Parasitology</i> , 2005, 130, 93-97.	1.8	25
44	Identification of <i>Neospora caninum</i> proteins regulated during the differentiation process from tachyzoite to bradyzoite stage by DIGE. <i>Proteomics</i> , 2010, 10, 1740-1750.	2.2	25
45	A vaccine formulation combining rhoptry proteins NcROP40 and NcROP2 improves pup survival in a pregnant mouse model of neosporosis. <i>Veterinary Parasitology</i> , 2015, 207, 203-215.	1.8	25
46	Transgenic <i>Neospora caninum</i> strains constitutively expressing the bradyzoite NcSAG4 protein proved to be safe and conferred significant levels of protection against vertical transmission when used as live vaccines in mice. <i>Vaccine</i> , 2011, 29, 7867-7874.	3.8	24
47	Proteomics reveals differences in protein abundance and highly similar antigenic profiles between <i>Besnoitia besnoiti</i> and <i>Besnoitia tarandi</i> . <i>Veterinary Parasitology</i> , 2014, 205, 434-443.	1.8	24
48	Detection of <i>Toxoplasma gondii</i> antibodies in Antarctic pinnipeds. <i>Veterinary Parasitology</i> , 2012, 190, 259-262.	1.8	23
49	Low efficacy of NcGRA7, NcSAG4, NcBSR4 and NcSRS9 formulated in poly-ε-caprolactone against <i>Neospora caninum</i> infection in mice. <i>Vaccine</i> , 2012, 30, 4983-4992.	3.8	22
50	First detection of anti- <i>Besnoitia</i> spp. specific antibodies in horses and donkeys in Italy. <i>Parasitology International</i> , 2018, 67, 640-643.	1.3	22
51	Serological dynamics and risk factors of <i>Besnoitia besnoiti</i> infection in breeding bulls from an endemically infected purebred beef herd. <i>Parasitology Research</i> , 2017, 116, 1383-1393.	1.6	21
52	<i>Besnoitia besnoiti</i> among cattle in insular and northwestern Italy: endemic infection or isolated outbreaks?. <i>Parasites and Vectors</i> , 2014, 7, 585.	2.5	20
53	A new lyophilized tachyzoite based ELISA to diagnose <i>Besnoitia</i> spp. infection in bovids and wild ruminants improves specificity. <i>Veterinary Parasitology</i> , 2017, 244, 176-182.	1.8	20
54	Lytic cycle of <i>Besnoitia besnoiti</i> tachyzoites displays similar features in primary bovine endothelial cells and fibroblasts. <i>Parasites and Vectors</i> , 2019, 12, 517.	2.5	20

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55	Stage-specific expression of Nc <i>SAG4</i> as a marker of chronic <i>Neospora caninum</i> infection in a mouse model. <i>Parasitology</i> , 2009, 136, 757-764.	1.5	19
56	Prevalence of <i>Besnoitia besnoiti</i> infection in beef cattle from the Spanish Pyrenees. <i>Veterinary Journal</i> , 2014, 200, 468-470.	1.7	19
57	Seroprevalence of <i>Besnoitia besnoiti</i> infection and associated risk factors in cattle from an endemic region in Europe. <i>Veterinary Journal</i> , 2014, 200, 328-331.	1.7	19
58	Identification of novel rhoptry proteins in <i>Neospora caninum</i> by LC/MS-MS analysis of subcellular fractions. <i>Journal of Proteomics</i> , 2011, 74, 629-642.	2.4	18
59	<i>Neospora caninum</i> IgG avidity tests: An interlaboratory comparison. <i>Veterinary Parasitology</i> , 2006, 140, 273-280.	1.8	17
60	Clinical and Serological Dynamics of <i>Besnoitia besnoiti</i> Infection in Three Endemically Infected Beef Cattle Herds. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 538-546.	3.0	17
61	EFFECT OF DIFFERENT ECOSYSTEMS AND MANAGEMENT PRACTICES ON <i>TOXOPLASMA GONDII</i> AND <i>NEOSPOERA CANINUM</i> INFECTIONS IN WILD RUMINANTS IN SPAIN. <i>Journal of Wildlife Diseases</i> , 2016, 52, 293-300.	0.8	16
62	<i>Neospora</i> species-associated abortion in alpacas ( <i>Vicugna pacos</i> ) and llamas ( <i>Llama glama</i> ). <i>Veterinary Record</i> , 2004, 155, 748-9.	0.3	16
63	HYPODERMOSIS OF RED DEER IN SPAIN. <i>Journal of Wildlife Diseases</i> , 2001, 37, 342-346.	0.8	15
64	An Ibero-American inter-laboratory trial to evaluate serological tests for the detection of anti- <i>Neospora caninum</i> antibodies in cattle. <i>Tropical Animal Health and Production</i> , 2018, 50, 75-84.	1.4	15
65	<i>Neospora caninum</i> infection in breeder bulls: seroprevalence and comparison of serological methods used for diagnosis. <i>Veterinary Parasitology</i> , 2004, 124, 19-24.	1.8	14
66	Characterisation of NcGRA7 and NcSAG4 proteins: Immunolocalisation and their role in the host cell invasion by <i>Neospora caninum</i> tachyzoites. <i>Acta Parasitologica</i> , 2010, 55, .	1.1	14
67	Systemic Besnoitiosis in a Juvenile Roe Deer ( <i>Capreolus capreolus</i> ). <i>Transboundary and Emerging Diseases</i> , 2017, 64, e8-e14.	3.0	14
68	A serosurvey of selected cystogenic coccidia in Spanish equids: first detection of anti- <i>Besnoitia</i> spp. specific antibodies in Europe. <i>BMC Veterinary Research</i> , 2017, 13, 128.	1.9	14
69	Identification of a gene cluster for cell-surface genes of the SRS superfamily in <i>Neospora caninum</i> and characterization of the novel <i>SRS9</i> gene. <i>Parasitology</i> , 2011, 138, 1832-1842.	1.5	13
70	Repurposing of commercially available anti-coccidials identifies diclazuril and decoquinatate as potential therapeutic candidates against <i>Besnoitia besnoiti</i> infection. <i>Veterinary Parasitology</i> , 2018, 261, 77-85.	1.8	13
71	Characterization of the <i>Neospora caninum</i> NcROP40 and NcROP2Fam-1 rhoptry proteins during the tachyzoite lytic cycle. <i>Parasitology</i> , 2016, 143, 97-113.	1.5	12
72	Dynamics of <i>Neospora caninum</i> -Associated Abortions in a Dairy Sheep Flock and Results of a Test-and-Cull Control Programme. <i>Pathogens</i> , 2021, 10, 1518.	2.8	12

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73	Contamination of Soil, Water, Fresh Produce, and Bivalve Mollusks with <i>Toxoplasma gondii</i> Oocysts: A Systematic Review. <i>Microorganisms</i> , 2022, 10, 517.	3.6	12
74	Genetic manipulation of <i>Neospora caninum</i> to express the bradyzoite-specific protein NcSAG4 in tachyzoites. <i>Parasitology</i> , 2011, 138, 472-480.	1.5	11
75	Genetic characterization of <i>Neospora caninum</i> from aborted bovine foetuses in Aguascalientes, Mexico. <i>Veterinary Parasitology</i> , 2016, 228, 183-187.	1.8	11
76	Bovine chronic besnoitiosis in a calf: Characterization of a novel <i>B. besnoiti</i> isolate from an unusual case report. <i>Veterinary Parasitology</i> , 2017, 247, 10-18.	1.8	11
77	Specific antibody responses against <i>Neospora caninum</i> recombinant rNcGRA7, rNcSAG4, rNcBSR4 and rNcSRS9 proteins are correlated with virulence in mice. <i>Parasitology</i> , 2013, 140, 569-579.	1.5	10
78	Low rates of <i>Neospora caninum</i> infection reactivation during gestation are observed in both chronically and congenitally infected mice. <i>Parasitology</i> , 2013, 140, 220-228.	1.5	10
79	Seroprevalence of <i>Toxoplasma gondii</i> in outdoor dogs and cats in Bangkok, Thailand. <i>Parasitology</i> , 2021, 148, 843-849.	1.5	10
80	Mice congenitally infected with low-to-moderate virulence <i>Neospora caninum</i> isolates exhibited clinical reactivation during the mating period without transmission to the next generation. <i>Experimental Parasitology</i> , 2013, 134, 244-248.	1.2	9
81	From the mainland to Ireland – bovine besnoitiosis and its spread in Europe. <i>Veterinary Record</i> , 2016, 178, 605-607.	0.3	9
82	Characterization of an outbreak of emerging bovine besnoitiosis in southwestern Spain. <i>Parasitology Research</i> , 2016, 115, 2887-2892.	1.6	9
83	Seroprevalence of Leptospirosis, Brucellosis, and Q Fever in a Wild Red Deer ( <i>Cervus elaphus</i> ) Population Kept in a Fenced Reserve in Absence of Contact with Livestock. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 692-697.	1.5	9
84	<i>Neospora caninum</i> tachyzoite immunome study reveals differences among three biologically different isolates. <i>Veterinary Parasitology</i> , 2015, 212, 92-99.	1.8	8
85	Exposure to <i>Neospora</i> spp. and <i>Besnoitia</i> spp. in wildlife from Israel. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2018, 7, 317-321.	1.5	8
86	RNA-Seq Analyses Reveal That Endothelial Activation and Fibrosis Are Induced Early and Progressively by <i>Besnoitia besnoiti</i> Host Cell Invasion and Proliferation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 218.	3.9	8
87	Use of an immunodominant p17 antigenic fraction of <i>Neospora caninum</i> in detection of antibody response in cattle. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2006, 101, 529-534.	1.6	7
88	Nodular onchocercosis of red deer in central Spain. <i>Veterinary Parasitology</i> , 2003, 114, 75-79.	1.8	6
89	Abortions in bovines and <i>Neospora caninum</i> transmission in an embryo transfer center. <i>Veterinary Parasitology</i> , 2010, 173, 206-210.	1.8	6
90	<i>Neospora caninum</i> tachyzoites inoculated by the conjunctival route are not vertically transmitted in pregnant cattle: A descriptive study. <i>Veterinary Parasitology</i> , 2014, 199, 1-7.	1.8	6

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91	Absence of antibodies specific to <i>Besnoitia</i> spp. in European sheep and goats from areas in Spain where bovine besnoitiosis is endemic. <i>Parasitology Research</i> , 2017, 116, 445-448.	1.6	6
92	Effect of parasite dose and host age on the infection with <i>Besnoitia besnoiti</i> tachyzoites in cattle. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 1979-1990.	3.0	6
93	Immune response to <i>Neospora caninum</i> live tachyzoites in prepubertal female calves. <i>Parasitology Research</i> , 2019, 118, 2945-2955.	1.6	5
94	A time-resolved fluorescence immunoassay for the detection of anti- <i>Neospora caninum</i> antibodies in sheep. <i>Veterinary Parasitology</i> , 2019, 276, 108994.	1.8	5
95	A model for chronic bovine besnoitiosis: Parasite stage and inoculation route are key factors. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 234-249.	3.0	5
96	Peripheral and placental immune responses in goats after primoinfection with <i>Neospora caninum</i> at early, mid and late gestation. <i>Veterinary Parasitology</i> , 2017, 242, 38-43.	1.8	4
97	The route of <i>Besnoitia besnoiti</i> tachyzoites inoculation does not influence the clinical outcome of the infection in calves. <i>Veterinary Parasitology</i> , 2019, 267, 21-25.	1.8	4
98	<i>Toxoplasma gondii</i> and <i>Neospora caninum</i> seroprevalences in domestic South American camelids of the Peruvian Andes. <i>Tropical Animal Health and Production</i> , 2014, 46, 1141-1147.	1.4	3
99	Added value of IgM detection and low avidity index as markers of acute bovine besnoitiosis. <i>Veterinary Parasitology</i> , 2020, 277, 109012.	1.8	3
100	Histological findings in experimentally infected male calves with chronic besnoitiosis. <i>Veterinary Parasitology</i> , 2020, 281, 109120.	1.8	3
101	First Expert Elicitation of Knowledge on Drivers of Emergence of Bovine Besnoitiosis in Europe. <i>Pathogens</i> , 2022, 11, 753.	2.8	3
102	Development and characterization of monoclonal antibodies against <i>Besnoitia besnoiti</i> tachyzoites. <i>Parasitology</i> , 2019, 146, 187-196.	1.5	2