Mercedes Dominguez Rodriguez

List of Publications by Year
in descending order

57 papers	1,632 citations	361388 20 h-index	289230 40 g-index
58 all docs	58 docs citations	58 times ranked	4367 citing authors

#	Article	IF	Citations
1	Leishmania infantum UBC1 in Metacyclic Promastigotes from Phlebotomus perniciosus, a Vaccine Candidate for Zoonotic Visceral Leishmaniasis. Vaccines, 2022, 10, 231.	4.4	1
2	Is serology a realistic approach for monitoring red deer tuberculosis in the field?. Preventive Veterinary Medicine, 2022, 202, 105612.	1.9	5
3	Monoclonal antibody on-rate constant determined from time-course data of ligand binding by capture ELISA: Evaluation of eight data analysis methods. Journal of Immunological Methods, 2022, , 113292.	1.4	0
4	A subunit vaccine candidate based on the Spike protein of SARS-CoV-2 prevents infectious virus shedding in cats. Research in Veterinary Science, 2022, 148, 52-64.	1.9	0
5	Development of a competitive inhibition kinetic ELISA to determine the inhibition constant (Ki) of monoclonal antibodies. Journal of Immunological Methods, 2021, 493, 113042.	1.4	1
6	Evaluation of P22 ELISA for the Detection of Mycobacterium bovis-Specific Antibody in the Oral Fluid of Goats. Frontiers in Veterinary Science, 2021, 8, 674636.	2.2	5
7	A kinetic ELISA to determine the immunoreactive fraction of monoclonal antibodies. Journal of Immunological Methods, 2020, 476, 112689.	1.4	0
8	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. PLoS ONE, 2020, 15, e0233837.	2.5	20
9	Serological technique for detecting tuberculosis prevalence in sheep in Atlantic Spain. Research in Veterinary Science, 2020, 129, 96-98.	1.9	6
10	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. , 2020, 15, e0233837.		0
11	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. , 2020, 15, e0233837.		0
12	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. , 2020, 15, e0233837.		0
13	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. , 2020, 15, e0233837.		0
14	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. , 2020, 15, e0233837.		0
15	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. , 2020, 15, e0233837.		0
16	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. , 2020, 15, e0233837.		0
17	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. , 2020, 15, e0233837.		0
18	Quantitation of monoclonal antibody by capture ELISA based on initial enzyme activity rate. Journal of Immunological Methods, 2019, 474, 112645.	1.4	2

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19	Elevated levels of Secreted-Frizzled-Related-Protein 1 contribute to Alzheimerâ€™s disease pathogenesis. Nature Neuroscience, 2019, 22, 1258-1268.	14.8	48
20	A pathological study ofLeishmania infantumnatural infection in European rabbits (Oryctolagus cuniculus) and Iberian hares (Lepus granatensis). Transboundary and Emerging Diseases, 2019, 66, 2474-2481.	3.0	8
21	Evaluation of the immunogenicity and efficacy of BCG and MTBVAC vaccines using a natural transmission model of tuberculosis. Veterinary Research, 2019, 50, 82.	3.0	22
22	Validation of a new serological assay for the identification of Mycobacterium tuberculosis complex-specific antibodies in pigs and wild boar. Preventive Veterinary Medicine, 2019, 162, 11-17.	1.9	24
23	Development and characterization of mouse monoclonal antibodies to eight human complement components: Analysis of reactivity with orthologs of nine mammalian genera. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 62, 7-12.	1.6	4
24	Temporal analysis of the interference caused by paratuberculosis vaccination on the tuberculosis diagnostic tests in goats. Preventive Veterinary Medicine, 2018, 156, 68-75.	1.9	15
25	Development and Evaluation of a Serological Assay for the Diagnosis of Tuberculosis in Alpacas and Llamas. Frontiers in Veterinary Science, 2018, 5, 189.	2.2	21
26	Functional and structural characterization of four mouse monoclonal antibodies to complement C3 with potential therapeutic and diagnostic applications. European Journal of Immunology, 2017, 47, 504-515.	2.9	5
27	Application of a specific quantitative real-time PCR (qPCR) to identify Leishmania infantum DNA in spleen, skin and hair samples of wild Leporidae. Veterinary Parasitology, 2017, 243, 92-99.	1.8	14
28	Evaluation of five serologic assays for bovine tuberculosis surveillance in domestic free-range pigs from southern Spain. Preventive Veterinary Medicine, 2017, 137, 101-104.	1.9	21
29	Development and evaluation of an interferon gamma assay for the diagnosis of tuberculosis in red deer experimentally infected with Mycobacterium bovis. BMC Veterinary Research, 2017, 13, 341.	1.9	10
30	Proteomic characterisation of bovine and avian purified protein derivatives and identification of specific antigens for serodiagnosis of bovine tuberculosis. Clinical Proteomics, 2017, 14, 36.	2.1	49
31	Assessment of the sensitivity and specificity of serological (IFAT) and molecular (directâ€PCR) techniques for diagnosis of leishmaniasis in lagomorphs using a Bayesian approach. Veterinary Medicine and Science, 2016, 2, 211-220.	1.6	6
32	Influence of the Microenvironment in the Transcriptome of Leishmania infantum Promastigotes: Sand Fly versus Culture. PLoS Neglected Tropical Diseases, 2016, 10, e0004693.	3.0	17
33	Immunoproteomic characterisation of M ycoplasma mycoides subspecies capri by mass spectrometry analysis of two-dimensional electrophoresis spots and western blot. Journal of Pharmacy and Pharmacology, 2015, 67, 364-371.	2.4	12
34	A Novel Antibody against Human Factor B that Blocks Formation of the C3bB Proconvertase and Inhibits Complement Activation in Disease Models. Journal of Immunology, 2014, 193, 5567-5575.	0.8	14
35	Evidence ofLeishmania infantumInfection in Rabbits (Oryctolagus cuniculus) in a Natural Area in Madrid, Spain. BioMed Research International, 2014, 2014, 1-5.	1.9	28
36	Efficacy of low doses of amphotericin B plus allicin against experimental visceral leishmaniasis. Journal of Antimicrobial Chemotherapy, 2014, 69, 3268-3274.	3.0	23

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37	Detection of anti-Leishmania infantum antibodies in sylvatic lagomorphs from an epidemic area of Madrid using the indirect immunofluorescence antibody test. Veterinary Parasitology, 2014, 199, 264-267.	1.8	51
38	Differential activation of the human farnesoid X receptor depends on the pattern of expressed isoforms and the bile acid pool composition. Biochemical Pharmacology, 2013, 86, 926-939.	4.4	88
39	Lafora bodies and neurological defects in malin-deficient mice correlate with impaired autophagy. Human Molecular Genetics, 2012, 21, 1521-1533.	2.9	131
40	Effect of allicin on promastigotes and intracellular amastigotes of Leishmania donovani and L. infantum. Experimental Parasitology, 2012, 132, 475-482.	1.2	12
41	Study of peripheral blood cell populations involved in the immune response of goats naturally infected with Mycobacterium caprae. Research in Veterinary Science, 2012, 93, 163-167.	1.9	4
42	Malin knockout mice support a primary role of autophagy in the pathogenesis of Lafora disease. Autophagy, 2012, 8, 701-703.	9.1	21
43	Transcriptomics throughout the life cycle of Leishmania infantum: High down-regulation rate in the amastigote stage. International Journal for Parasitology, 2010, 40, 1497-1516.	3.1	77
44	Kinetic Analysis of Ex Vivo Human Blood Infection by Leishmania. PLoS Neglected Tropical Diseases, 2010, 4, e743.	3.0	20
45	Leishmania infantum expresses a mitochondrial nuclease homologous to EndoG that migrates to the nucleus in response to an apoptotic stimulus. Molecular and Biochemical Parasitology, 2009, 163, 28-38.	1.1	49
46	Soluble and membrane levels of molecules involved in the interaction between clonal plasma cells and the immunological microenvironment in multiple myeloma and their association with the characteristics of the disease. International Journal of Cancer, 2009, 124, 367-375.	5.1	25
47	Comparative real-time kinetic analysis of human complement killing of Leishmania infantum promastigotes derived from axenic culture or from Phlebotomus perniciosus. Microbes and Infection, 2007, 9, 1574-1580.	1.9	18
48	(â€”)-Epigallocatechin-3-gallate interferes with mast cell adhesiveness, migration and its potential to recruit monocytes. Cellular and Molecular Life Sciences, 2007, 64, 2690-2701.	5.4	32
49	KIT mutation in mast cells and other bone marrow hematopoietic cell lineages in systemic mast cell disorders: a prospective study of the Spanish Network on Mastocytosis (REMA) in a series of 113 patients. Blood, 2006, 108, 2366-2372.	1.4	447
50	Clonal plasma cells from monoclonal gammopathy of undetermined significance, multiple myeloma and plasma cell leukemia show different expression profiles of molecules involved in the interaction with the immunological bone marrow microenvironment. Leukemia, 2005, 19, 449-455.	7.2	83
51	Early mechanisms of Leishmania infection in human blood. Microbes and Infection, 2003, 5, 507-513.	1.9	25
52	Effect of maternal obstructive cholestasis during pregnancy on the biliary transport of horseradish peroxidase in the rat offspring. Clinical Science, 2003, 105, 347-353.	4.3	6
53	Complement Interaction with Trypanosomatid Promastigotes in Normal Human Serum. Journal of Experimental Medicine, 2002, 195, 451-459.	8.5	55
54	Evidence for Dual Effects of DNA-Reactive Bile Acid Derivatives (Bamets) on Hepatitis B Virus Life Cycle in anIn VitroReplicative System. Antiviral Chemistry and Chemotherapy, 2002, 13, 371-380.	0.6	8

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55	Leishmania immune adherence reaction in vertebrates. Parasite Immunology, 2001, 23, 259-265.	1.5	18
56	Bile acid secretion during rat liver carcinogenesis. Life Sciences, 2000, 66, 1085-1095.	4.3	16
57	Immune Adherenceâ€“mediated Opsonophagocytosis: â€‰The Mechanism of Leishmania Infection. Journal of Experimental Medicine, 1999, 189, 25-35.	8.5	65