

Beatriz Romero MartÃ-nez

List of Publications by Year in descending order

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100
papers

3,119
citations

126907

33
h-index

189892

50
g-index

100
all docs

100
docs citations

100
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
1	MALDI-TOF Mass Spectrometry as a Rapid Screening Alternative for Non-tuberculous Mycobacterial Species Identification in the Veterinary Laboratory. <i>Frontiers in Veterinary Science</i> , 2022, 9, 827702.	2.2	8
2	Direct PCR on Tissue Samples To Detect Mycobacterium tuberculosis Complex: an Alternative to the Bacteriological Culture. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	8
3	Evaluation of the performance of slaughterhouse surveillance for bovine tuberculosis detection in Castilla y Leon, Spain. <i>Preventive Veterinary Medicine</i> , 2021, 189, 105307.	1.9	9
4	Polyresistant Mycobacterium bovis Infection in Human and Sympatric Sheep, Spain, 2017â€“2018. <i>Emerging Infectious Diseases</i> , 2021, 27, 1241-1243.	4.3	4
5	Spoligotype-specific risk of finding lesions in tissues from cattle infected by Mycobacterium bovis. <i>BMC Veterinary Research</i> , 2021, 17, 148.	1.9	2
6	Spatial and Temporal Distribution of Mycobacterium tuberculosis Complex Infection in Eurasian Badger (Meles meles) and Cattle in Asturias, Spain. <i>Animals</i> , 2021, 11, 1294.	2.3	10
7	Evaluation of P22 ELISA for the Detection of Mycobacterium bovis-Specific Antibody in the Oral Fluid of Goats. <i>Frontiers in Veterinary Science</i> , 2021, 8, 674636.	2.2	5
8	Effect of the Inoculation Site of Bovine and Avian Purified Protein Derivatives (PPDs) on the Performance of the Intradermal Tuberculin Test in Goats From Tuberculosis-Free and Infected Herds. <i>Frontiers in Veterinary Science</i> , 2021, 8, 722825.	2.2	5
9	Performance and Agreement Between WGS Variant Calling Pipelines Used for Bovine Tuberculosis Control: Toward International Standardization. <i>Frontiers in Veterinary Science</i> , 2021, 8, 780018.	2.2	3
10	Evaluation of a new enzyme-linked immunosorbent assay for the diagnosis of tuberculosis in goat milk. <i>Research in Veterinary Science</i> , 2020, 128, 217-223.	1.9	10
11	Evaluation of Risk Factors Associated With Herds With an Increased Duration of Bovine Tuberculosis Breakdowns in Castilla y Leon, Spain (2010â€“2017). <i>Frontiers in Veterinary Science</i> , 2020, 7, 545328.	2.2	7
12	High discrimination of Mycobacterium bovis isolates in Brazilian herds by spoligotyping. <i>Preventive Veterinary Medicine</i> , 2020, 179, 104976.	1.9	5
13	Environmental DNA: A promising factor for tuberculosis risk assessment in multi-host settings. <i>PLoS ONE</i> , 2020, 15, e0233837.	2.5	20
14	Tuberculosis vaccination sequence effect on protection in wild boar. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 66, 101329.	1.6	6
15	Evaluation of the immunogenicity and efficacy of BCG and MTBVAC vaccines using a natural transmission model of tuberculosis. <i>Veterinary Research</i> , 2019, 50, 82.	3.0	22
16	A new test to detect antibodies against Mycobacterium tuberculosis complex in red deer serum. <i>Veterinary Journal</i> , 2019, 244, 98-103.	1.7	17
17	Validation of a Real-Time PCR for the Detection of Mycobacterium tuberculosis Complex Members in Bovine Tissue Samples. <i>Frontiers in Veterinary Science</i> , 2019, 6, 61.	2.2	39
18	Specificity of serological test for detection of tuberculosis in cattle, goats, sheep and pigs under different epidemiological situations. <i>BMC Veterinary Research</i> , 2019, 15, 70.	1.9	27

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19	Impact of piglet oral vaccination against tuberculosis in endemic free-ranging wild boar populations. <i>Preventive Veterinary Medicine</i> , 2018, 155, 11-20.	1.9	43
20	The use of serological tests in combination with the intradermal tuberculin test maximizes the detection of tuberculosis infected goats. <i>Veterinary Immunology and Immunopathology</i> , 2018, 199, 43-52.	1.2	20
21	Response of goats to intramuscular vaccination with heat-killed <i>Mycobacterium bovis</i> and natural challenge. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2018, 60, 28-34.	1.6	11
22	Evaluation of the use of a needle-free injection syringe as a cause of non-specific reactions in the intradermal tuberculin test used for the diagnosis of bovine tuberculosis. <i>Research in Veterinary Science</i> , 2018, 119, 56-60.	1.9	5
23	Temporal analysis of the interference caused by paratuberculosis vaccination on the tuberculosis diagnostic tests in goats. <i>Preventive Veterinary Medicine</i> , 2018, 156, 68-75.	1.9	15
24	Antibody detection tests improve the sensitivity of tuberculosis diagnosis in cattle. <i>Research in Veterinary Science</i> , 2017, 112, 214-221.	1.9	64
25	Evaluation of the <i>Mycobacterium tuberculosis</i> SO2 vaccine using a natural tuberculosis infection model in goats. <i>Veterinary Journal</i> , 2017, 223, 60-67.	1.7	14
26	Multilaboratory Evaluation of a Novel Lateral Flow Immunochromatographic Assay for Confirming Isolation of <i>Mycobacterium bovis</i> from Veterinary Diagnostic Specimens. <i>Journal of Clinical Microbiology</i> , 2017, 55, 3411-3425.	3.9	6
27	Oral Vaccination with Heat-Inactivated <i>Mycobacterium bovis</i> Does Not Interfere with the Antemortem Diagnostic Techniques for Tuberculosis in Goats. <i>Frontiers in Veterinary Science</i> , 2017, 4, 124.	2.2	9
28	Proteomic characterisation of bovine and avian purified protein derivatives and identification of specific antigens for serodiagnosis of bovine tuberculosis. <i>Clinical Proteomics</i> , 2017, 14, 36.	2.1	49
29	Genetic diversity assessment of Tunisian <i>Mycobacterium bovis</i> population isolated from cattle. <i>BMC Veterinary Research</i> , 2017, 13, 393.	1.9	8
30	Molecular and epidemiological population-based integrative analysis of human and animal <i>Mycobacterium bovis</i> infections in a low-prevalence setting. <i>Veterinary Microbiology</i> , 2016, 195, 30-36.	1.9	10
31	Evidence of disseminated infection by <i>Mycobacterium avium</i> subspecies <i>hominissuis</i> in a pet ferret (<i>Mustela putorius furo</i>). <i>Research in Veterinary Science</i> , 2016, 109, 52-55.	1.9	7
32	Is targeted removal a suitable means for tuberculosis control in wild boar?. <i>Preventive Veterinary Medicine</i> , 2016, 135, 132-135.	1.9	6
33	Animal tuberculosis due to <i>Mycobacterium bovis</i> in Eurasian wild boar from Morocco. <i>European Journal of Wildlife Research</i> , 2016, 62, 479-482.	1.4	8
34	Sheep as a Potential Source of Bovine TB: Epidemiology, Pathology and Evaluation of Diagnostic Techniques. <i>Transboundary and Emerging Diseases</i> , 2016, 63, 635-646.	3.0	49
35	Detailed chronological analysis of microevolution events in herds infected persistently by <i>Mycobacterium bovis</i> . <i>Veterinary Microbiology</i> , 2016, 183, 97-102.	1.9	11
36	Lack of interference with diagnostic testing for tuberculosis in goats experimentally exposed to <i>Corynebacterium pseudotuberculosis</i> . <i>Veterinary Journal</i> , 2015, 205, 113-115.	1.7	7

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37	Complete Genome Sequences of Field Isolates of <i>Mycobacterium bovis</i> and <i>Mycobacterium caprae</i> . <i>Genome Announcements</i> , 2015, 3, .	0.8	4
38	Goats challenged with different members of the <i>Mycobacterium tuberculosis</i> complex display different clinical pictures. <i>Veterinary Immunology and Immunopathology</i> , 2015, 167, 185-189.	1.2	32
39	Effect of the inoculation site of bovine purified protein derivative (PPD) on the skin fold thickness increase in cattle from officially tuberculosis free and tuberculosis-infected herds. <i>Preventive Veterinary Medicine</i> , 2015, 121, 86-92.	1.9	21
40	Testing Eurasian wild boar piglets for serum antibodies against <i>Mycobacterium bovis</i> . <i>Preventive Veterinary Medicine</i> , 2015, 121, 93-98.	1.9	24
41	Evaluation of the immunogenicity and diagnostic interference caused by <i>M. tuberculosis</i> SO2 vaccination against tuberculosis in goats. <i>Research in Veterinary Science</i> , 2015, 103, 73-79.	1.9	17
42	Multiple sampling and discriminatory fingerprinting reveals clonally complex and compartmentalized infections by <i>M. bovis</i> in cattle. <i>Veterinary Microbiology</i> , 2015, 175, 99-104.	1.9	13
43	Comparative Genomics of Field Isolates of <i>Mycobacterium bovis</i> and <i>M. caprae</i> Provides Evidence for Possible Correlates with Bacterial Viability and Virulence. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004232.	3.0	28
44	Oral Vaccination with Heat Inactivated <i>Mycobacterium bovis</i> Activates the Complement System to Protect against Tuberculosis. <i>PLoS ONE</i> , 2014, 9, e98048.	2.5	52
45	Spatial Dynamics of Bovine Tuberculosis in the Autonomous Community of Madrid, Spain (2010–2012). <i>PLoS ONE</i> , 2014, 9, e115632.	2.5	16
46	Tonsils of the Soft Palate Do Not Mediate the Response of Pigs to Oral Vaccination with Heat-Inactivated <i>Mycobacterium bovis</i> . <i>Vaccine Journal</i> , 2014, 21, 1128-1136.	3.1	14
47	Lesional patterns associated with mycobacteriosis in an Atlantic horse mackerel, <i>Trachurus trachurus</i> (L.), aquarium population. <i>Journal of Fish Diseases</i> , 2014, 37, 591-595.	1.9	7
48	Assessment of an Oral <i>Mycobacterium bovis</i> BCG Vaccine and an Inactivated <i>M. bovis</i> Preparation for Wild Boar in Terms of Adverse Reactions, Vaccine Strain Survival, and Uptake by Nontarget Species. <i>Vaccine Journal</i> , 2014, 21, 12-20.	3.1	29
49	Evaluation of single and comparative intradermal tuberculin tests for tuberculosis eradication in caprine flocks in Castilla y León (Spain). <i>Research in Veterinary Science</i> , 2014, 96, 39-46.	1.9	20
50	Current ante-mortem techniques for diagnosis of bovine tuberculosis. <i>Research in Veterinary Science</i> , 2014, 97, S44-S52.	1.9	102
51	Risk factors associated with negative in-vivodiagnostic results in bovine tuberculosis-infected cattle in Spain. <i>BMC Veterinary Research</i> , 2014, 10, 14.	1.9	41
52	Evaluation of the specificity of intradermal tuberculin and serological tests for diagnosis of tuberculosis in alpaca (<i>Vicugna pacos</i>) and llama (<i>Lama glama</i>) herds under field conditions in Peru. <i>Veterinary Record</i> , 2014, 174, 532-532.	0.3	5
53	Bovine tuberculosis: Historical perspective. <i>Research in Veterinary Science</i> , 2014, 97, S3-S4.	1.9	14
54	Bovine tuberculosis: Within-herd transmission models to support and direct the decision-making process. <i>Research in Veterinary Science</i> , 2014, 97, S61-S68.	1.9	27

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55	High-throughput multiplex MIRU-VNTR typing of <i>Mycobacterium bovis</i> . <i>Research in Veterinary Science</i> , 2014, 96, 422-425.	1.9	8
56	Long-Term Assessment of Wild Boar Harvesting and Cattle Removal for Bovine Tuberculosis Control in Free Ranging Populations. <i>PLoS ONE</i> , 2014, 9, e88824.	2.5	32
57	Epidemiological Investigation of Bovine Tuberculosis Herd Breakdowns in Spain 2009/2011. <i>PLoS ONE</i> , 2014, 9, e104383.	2.5	45
58	Wild boar tuberculosis in Iberian Atlantic Spain: a different picture from Mediterranean habitats. <i>BMC Veterinary Research</i> , 2013, 9, 176.	1.9	53
59	Evaluation of the performance of cellular and serological diagnostic tests for the diagnosis of tuberculosis in an alpaca (<i>Vicugna pacos</i>) herd naturally infected with <i>Mycobacterium bovis</i> . <i>Preventive Veterinary Medicine</i> , 2013, 111, 304-313.	1.9	19
60	Splitting of a Prevalent <i>Mycobacterium bovis</i> Spoligotype by Variable-Number Tandem-Repeat Typing Reveals High Heterogeneity in an Evolving Clonal Group. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3658-3665.	3.9	40
61	Evidence of goats acting as domestic reservoirs of bovine tuberculosis. <i>Veterinary Record</i> , 2013, 172, 663-663.	0.3	59
62	Tuberculosis Epidemiology in Islands: Insularity, Hosts and Trade. <i>PLoS ONE</i> , 2013, 8, e71074.	2.5	12
63	Study of peripheral blood cell populations involved in the immune response of goats naturally infected with <i>Mycobacterium caprae</i> . <i>Research in Veterinary Science</i> , 2012, 93, 163-167.	1.9	4
64	Eradication of bovine tuberculosis at a herd-level in Madrid, Spain: study of within-herd transmission dynamics over a 12% year period. <i>BMC Veterinary Research</i> , 2012, 8, 100.	1.9	52
65	A Bayesian approach to study the risk variables for tuberculosis occurrence in domestic and wild ungulates in South Central Spain. <i>BMC Veterinary Research</i> , 2012, 8, 148.	1.9	49
66	Evaluation of specificity of tuberculosis diagnostic assays in caprine flocks under different epidemiological situations. <i>Research in Veterinary Science</i> , 2012, 93, 636-640.	1.9	24
67	European 2 "A clonal complex of <i>Mycobacterium bovis</i> dominant in the Iberian Peninsula. <i>Infection, Genetics and Evolution</i> , 2012, 12, 866-872.	2.3	74
68	A database for animal tuberculosis (mycoDB.es) within the context of the Spanish national programme for eradication of bovine tuberculosis. <i>Infection, Genetics and Evolution</i> , 2012, 12, 877-882.	2.3	34
69	Tuberculosis in goats: Assessment of current in vivo cell-mediated and antibody-based diagnostic assays. <i>Veterinary Journal</i> , 2012, 191, 161-165.	1.7	35
70	Evaluation of two cocktails containing ESAT-6, CFP-10 and Rv-3615c in the intradermal test and the interferon- γ assay for diagnosis of bovine tuberculosis. <i>Preventive Veterinary Medicine</i> , 2012, 105, 149-154.	1.9	46
71	Protection against Tuberculosis in Eurasian Wild Boar Vaccinated with Heat-Inactivated <i>Mycobacterium bovis</i> . <i>PLoS ONE</i> , 2011, 6, e24905.	2.5	108
72	Epidemiological investigation of a <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> outbreak in swine. <i>Epidemiology and Infection</i> , 2011, 139, 143-148.	2.1	39

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73	Factors influencing the performance of an interferon- γ assay for the diagnosis of tuberculosis in goats. <i>Veterinary Journal</i> , 2011, 190, 131-135.	1.7	17
74	Assessment of in vivo and in vitro tuberculosis diagnostic tests in <i>Mycobacterium caprae</i> naturally infected caprine flocks. <i>Preventive Veterinary Medicine</i> , 2011, 100, 187-192.	1.9	17
75	European 1: A globally important clonal complex of <i>Mycobacterium bovis</i> . <i>Infection, Genetics and Evolution</i> , 2011, 11, 1340-1351.	2.3	107
76	Humans as Source of <i>Mycobacterium tuberculosis</i> Infection in Cattle, Spain. <i>Emerging Infectious Diseases</i> , 2011, 17, 2393-2395.	4.3	42
77	<i>Mycobacterium caprae</i> Infection in Livestock and Wildlife, Spain. <i>Emerging Infectious Diseases</i> , 2011, 17, 532-535.	4.3	91
78	Limitations of Spoligotyping and Variable-Number Tandem-Repeat Typing for Molecular Tracing of <i>Mycobacterium bovis</i> in a High-Diversity Setting. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3361-3364.	3.9	42
79	High spoligotype diversity within a <i>Mycobacterium bovis</i> population: Clues to understanding the demography of the pathogen in Europe. <i>Veterinary Microbiology</i> , 2010, 141, 89-95.	1.9	94
80	Molecular characterization of <i>Mycobacterium avium</i> subspecies paratuberculosis Types II and III isolates by a combination of MIRU-VNTR loci. <i>Veterinary Microbiology</i> , 2010, 144, 118-126.	1.9	30
81	Experimental infection of Eurasian wild boar with <i>Mycobacterium avium</i> subsp. <i>avium</i> . <i>Veterinary Microbiology</i> , 2010, 144, 240-245.	1.9	14
82	Experimental infection with <i>Mycobacterium caprae</i> in goats and evaluation of immunological status in tuberculosis and paratuberculosis co-infected animals. <i>Veterinary Immunology and Immunopathology</i> , 2010, 133, 269-275.	1.2	32
83	Single Nucleotide Polymorphisms in the IS 900 Sequence of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Are Strain Type Specific. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2260-2264.	3.9	26
84	Effect of paratuberculosis on the diagnosis of bovine tuberculosis in a cattle herd with a mixed infection using interferon-gamma detection assay. <i>Veterinary Microbiology</i> , 2009, 135, 389-393.	1.9	82
85	First data on Eurasian wild boar response to oral immunization with BCG and challenge with a <i>Mycobacterium bovis</i> field strain. <i>Vaccine</i> , 2009, 27, 6662-6668.	3.8	77
86	Interference of paratuberculosis with the diagnosis of tuberculosis in a goat flock with a natural mixed infection. <i>Veterinary Microbiology</i> , 2008, 128, 72-80.	1.9	83
87	Persistence and molecular evolution of <i>Mycobacterium bovis</i> population from cattle and wildlife in Doñana National Park revealed by genotype variation. <i>Veterinary Microbiology</i> , 2008, 132, 87-95.	1.9	67
88	Genetic Diversity of <i>Mycobacterium avium</i> Isolates Recovered from Clinical Samples and from the Environment: Molecular Characterization for Diagnostic Purposes. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1246-1251.	3.9	29
89	Single-Nucleotide Polymorphism in Two Representative Multidrug-Resistant <i>Mycobacterium bovis</i> Isolates Collected from Patients in a Spanish Hospital Harboring a Human Infection Outbreak. <i>Journal of Clinical Microbiology</i> , 2008, 46, 826-827.	3.9	0
90	Polymorphisms in <i>gyrA</i> and <i>gyrB</i> Genes among <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Type I, II, and III Isolates. <i>Journal of Clinical Microbiology</i> , 2007, 45, 3439-3442.	3.9	53

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91	Improvement of spoligotyping with additional spacer sequences for characterization of <i>Mycobacterium bovis</i> and <i>M. caprae</i> isolates from Spain. <i>Tuberculosis</i> , 2007, 87, 437-445.	1.9	12
92	Drug susceptibility of Spanish <i>Mycobacterium tuberculosis</i> complex isolates from animals. <i>Tuberculosis</i> , 2007, 87, 565-571.	1.9	12
93	Assessment of diagnostic tools for eradication of bovine tuberculosis in cattle co-infected with <i>Mycobacterium bovis</i> and <i>M. avium</i> subsp. <i>paratuberculosis</i> . <i>Veterinary Research</i> , 2006, 37, 593-606.	3.0	91
94	Comparison of Four Different Culture Media for Isolation and Growth of Type II and Type I/III <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Strains Isolated from Cattle and Goats. <i>Applied and Environmental Microbiology</i> , 2006, 72, 5927-5932.	3.1	60
95	Molecular epidemiology of Types I/III strains of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> isolated from goats and cattle. <i>Veterinary Microbiology</i> , 2006, 115, 102-110.	1.9	45
96	Molecular Epidemiology of Multidrug-Resistant <i>Mycobacterium bovis</i> Isolates with the Same Spoligotyping Profile as Isolates from Animals. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3405-3408.	3.9	24
97	<i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> in fallow deer and wild boar in Spain. <i>Veterinary Record</i> , 2005, 156, 212-213.	0.3	40
98	Spoligotyping Profile Change Caused by Deletion of a Direct Variable Repeat in a <i>Mycobacterium tuberculosis</i> Isogenic Laboratory Strain. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5388-5391.	3.9	15
99	Bovine Tuberculosis (<i>Mycobacterium bovis</i>) in Wildlife in Spain. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2602-2608.	3.9	166
100	Use of Whole-Genome Sequencing to Unravel the Genetic Diversity of a Prevalent <i>Mycobacterium bovis</i> Spoligotype in a Multi-Host Scenario in Spain. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	3