

Iker A Sevilla

List of Publications by Year in descending order

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85
papers

2,150
citations

201575

27
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276775

41
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docs citations

86
times ranked

1329
citing authors

#	ARTICLE	IF	CITATIONS
1	Protection against Tuberculosis in Eurasian Wild Boar Vaccinated with Heat-Inactivated <i>Mycobacterium bovis</i> . PLoS ONE, 2011, 6, e24905.	1.1	108
2	Tipificaci3n molecular de cepas de <i>Mycobacterium avium</i> subespecie paratuberculosis de diferentes hu3spedes y regiones. OIE Revue Scientifique Et Technique, 2005, 24, 1061-1066.	0.5	91
3	First data on Eurasian wild boar response to oral immunization with BCG and challenge with a <i>Mycobacterium bovis</i> field strain. Vaccine, 2009, 27, 6662-6668.	1.7	77
4	Phylogenomic exploration of the relationships between strains of <i>Mycobacterium avium</i> subspecies paratuberculosis. BMC Genomics, 2016, 17, 79.	1.2	71
5	Isolation of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> from Muscle Tissue of Naturally Infected Cattle. Foodborne Pathogens and Disease, 2009, 6, 513-518.	0.8	59
6	Association between <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> DNA in blood and cellular and humoral immune response in inflammatory bowel disease patients and controls. International Journal of Infectious Diseases, 2009, 13, 247-254.	1.5	57
7	On the Prevalence of <i>M. avium</i> Subspecies <i>paratuberculosis</i> DNA in the Blood of Healthy Individuals and Patients with Inflammatory Bowel Disease. PLoS ONE, 2008, 3, e2537.	1.1	57
8	Pulsed-field gel electrophoresis profile homogeneity of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> isolates from cattle and heterogeneity of those from sheep and goats. BMC Microbiology, 2007, 7, 18.	1.3	55
9	Detection of <i>Mycobacteria</i> , <i>Mycobacterium avium</i> Subspecies, and <i>Mycobacterium tuberculosis</i> Complex by a Novel Tetraplex Real-Time PCR Assay. Journal of Clinical Microbiology, 2015, 53, 930-940.	1.8	54
10	Inter- and Intra-subtype genotypic differences that differentiate <i>Mycobacterium avium</i> subspecies paratuberculosis strains. BMC Microbiology, 2012, 12, 264.	1.3	53
11	Oral Vaccination with Heat Inactivated <i>Mycobacterium bovis</i> Activates the Complement System to Protect against Tuberculosis. PLoS ONE, 2014, 9, e98048.	1.1	52
12	Significant reduction in bacterial shedding and improvement in milk production in dairy farms after the use of a new inactivated paratuberculosis vaccine in a field trial. BMC Research Notes, 2009, 2, 233.	0.6	50
13	Culture Phenotypes of Genomically and Geographically Diverse <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Isolates from Different Hosts. Journal of Clinical Microbiology, 2011, 49, 1822-1830.	1.8	48
14	Infection of Eurasian badgers (<i>Meles meles</i>) with <i>Mycobacterium bovis</i> and <i>Mycobacterium avium</i> complex in Spain. Veterinary Journal, 2011, 190, e21-e25.	0.6	45
15	Development and Evaluation of a Novel Multicopy-Element-Targeting Triplex PCR for Detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in Feces. Applied and Environmental Microbiology, 2014, 80, 3757-3768.	1.4	43
16	Impact of piglet oral vaccination against tuberculosis in endemic free-ranging wild boar populations. Preventive Veterinary Medicine, 2018, 155, 11-20.	0.7	43
17	Immunization of adult dairy cattle with a new heat-killed vaccine is associated with longer productive life prior to cows being sent to slaughter with suspected paratuberculosis. Journal of Dairy Science, 2012, 95, 618-629.	1.4	41
18	Pathogenic "Bison-type" <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> genotype characterized from riverine buffalo (<i>Bubalus bubalis</i>) in North India. Comparative Immunology, Microbiology and Infectious Diseases, 2008, 31, 373-387.	0.7	39

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19	Comparison of Blood Polymerase Chain Reaction and Enzyme-Linked Immunosorbent Assay for Detection of <i>Mycobacterium Avium</i> Subsp. <i>Paratuberculosis</i> Infection in Cattle and Sheep. <i>Journal of Veterinary Diagnostic Investigation</i> , 2005, 17, 354-359.	0.5	38
20	Estimation of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> Growth Parameters: Strain Characterization and Comparison of Methods. <i>Applied and Environmental Microbiology</i> , 2011, 77, 8615-8624.	1.4	36
21	Paratuberculosis Vaccination Causes Only Limited Cross-Reactivity in the Skin Test for Diagnosis of Bovine Tuberculosis. <i>PLoS ONE</i> , 2013, 8, e80985.	1.1	35
22	Experimental infection of lambs with C and S-type strains of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> : immunological and pathological findings. <i>Veterinary Research</i> , 2014, 45, 5.	1.1	34
23	Fate of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> after Application of Contaminated Dairy Cattle Manure to Agricultural Soils. <i>Applied and Environmental Microbiology</i> , 2011, 77, 2122-2129.	1.4	32
24	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.	0.5	32
25	Evaluation of indigenous milk ELISA with m-culture and m-PCR for the diagnosis of Bovine Johne's disease (BJD) in lactating Indian dairy cattle. <i>Research in Veterinary Science</i> , 2008, 84, 30-37.	0.9	31
26	Comparative analysis of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> isolates from cattle, sheep and goats by short sequence repeat and pulsed-field gel electrophoresis typing. <i>BMC Microbiology</i> , 2008, 8, 204.	1.3	30
27	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.	3.2	29
28	Oral vaccination of cattle with heat inactivated <i>Mycobacterium bovis</i> does not compromise bovine TB diagnostic tests. <i>Veterinary Immunology and Immunopathology</i> , 2016, 182, 85-88.	0.5	28
29	The response of red deer to oral administration of heat-inactivated <i>Mycobacterium bovis</i> and challenge with a field strain. <i>Veterinary Microbiology</i> , 2017, 208, 195-202.	0.8	28
30	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.	1.3	28
31	Oral re-vaccination of Eurasian wild boar with <i>Mycobacterium bovis</i> BCG yields a strong protective response against challenge with a field strain. <i>BMC Veterinary Research</i> , 2014, 10, 96.	0.7	27
32	Tuberculosis Detection in Paratuberculosis Vaccinated Calves: New Alternatives against Interference. <i>PLoS ONE</i> , 2017, 12, e0169735.	1.1	27
33	Assessment of BCG and inactivated <i>Mycobacterium bovis</i> vaccines in an experimental tuberculosis infection model in sheep. <i>PLoS ONE</i> , 2017, 12, e0180546.	1.1	27
34	Oral administration of heat-inactivated <i>Mycobacterium bovis</i> reduces the response of farmed red deer to avian and bovine tuberculin. <i>Veterinary Immunology and Immunopathology</i> , 2016, 172, 21-25.	0.5	26
35	Detection of <i>Mycobacteria</i> by Culture and DNA-Based Methods in Animal-Derived Food Products Purchased at Spanish Supermarkets. <i>Frontiers in Microbiology</i> , 2017, 8, 1030.	1.5	26
36	Increased Lytic Efficiency of Bovine Macrophages Trained with Killed <i>Mycobacteria</i> . <i>PLoS ONE</i> , 2016, 11, e0165607.	1.1	26

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37	Helminth parasites of the Eurasian badger (<i>Meles meles</i> L.) in the Basque Country (Spain). <i>European Journal of Wildlife Research</i> , 2004, 50, 37-40.	0.7	24
38	Paratuberculosis in European wild rabbits from the Iberian Peninsula. <i>Research in Veterinary Science</i> , 2011, 91, 212-218.	0.9	24
39	Juvenile Capri-Paratuberculosis (JCP) in India: Incidence and characterization by six diagnostic tests. <i>Small Ruminant Research</i> , 2007, 73, 45-53.	0.6	23
40	<i>Mycobacterium Avium</i> subsp. Paratuberculosis Isolates Induce In Vitro Granuloma Formation and Show Successful Survival Phenotype, Common Anti-Inflammatory and Antiapoptotic Responses within Ovine Macrophages Regardless of Genotype or Host of Origin. <i>PLoS ONE</i> , 2014, 9, e104238.	1.1	22
41	Estimation of Performance Characteristics of Analytical Methods for <i>Mycobacterium avium</i> subsp. paratuberculosis Detection in Dairy Products. <i>Frontiers in Microbiology</i> , 2019, 10, 509.	1.5	21
42	Lacto-prevalence, genotyping of <i>Mycobacterium avium</i> subspecies paratuberculosis and evaluation of three diagnostic tests in milk of naturally infected goatherds. <i>Small Ruminant Research</i> , 2008, 74, 37-44.	0.6	20
43	<i>Mycobacterium avium</i> subspecies paratuberculosis isolates from sheep and goats show reduced persistence in bovine macrophages than cattle, bison, deer and wild boar strains regardless of genotype. <i>Veterinary Microbiology</i> , 2013, 163, 325-334.	0.8	20
44	Protective Effect of Oral BCG and Inactivated <i>Mycobacterium bovis</i> Vaccines in European Badgers (<i>Meles meles</i>) Experimentally Infected With <i>M. bovis</i> . <i>Frontiers in Veterinary Science</i> , 2020, 7, 41.	0.9	20
45	Parenteral Vaccination with Heat-Inactivated <i>Mycobacterium Bovis</i> Reduces the Prevalence of Tuberculosis-Compatible Lesions in Farmed Wild Boar. <i>Transboundary and Emerging Diseases</i> , 2017, 64, e18-e21.	1.3	18
46	Efficacy of parenteral vaccination against tuberculosis with heat-inactivated <i>Mycobacterium bovis</i> in experimentally challenged goats. <i>PLoS ONE</i> , 2018, 13, e0196948.	1.1	18
47	<i>Mycobacterium tuberculosis</i> extracellular vesicle-associated lipoprotein LpqH as a potential biomarker to distinguish paratuberculosis infection or vaccination from tuberculosis infection. <i>BMC Veterinary Research</i> , 2019, 15, 188.	0.7	18
48	Immune response profiles of calves following vaccination with live BCG and inactivated <i>Mycobacterium bovis</i> vaccine candidates. <i>PLoS ONE</i> , 2017, 12, e0188448.	1.1	17
49	Association between combinations of genetic polymorphisms and epidemiopathogenic forms of bovine paratuberculosis. <i>Heliyon</i> , 2018, 4, e00535.	1.4	16
50	Different lesion distribution in calves orally or intratracheally challenged with <i>Mycobacterium bovis</i> : implications for diagnosis. <i>Veterinary Research</i> , 2018, 49, 74.	1.1	16
51	Quantification of <i>Mycobacterium avium</i> subsp. paratuberculosis Strains Representing Distinct Genotypes and Isolated from Domestic and Wildlife Animal Species by Use of an Automatic Liquid Culture System. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2609-2617.	1.8	15
52	Experimental infection of Eurasian wild boar with <i>Mycobacterium avium</i> subsp. avium. <i>Veterinary Microbiology</i> , 2010, 144, 240-245.	0.8	14
53	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.	3.2	14
54	Inactivation of <i>Mycobacterium avium</i> subsp. paratuberculosis in Cow's Milk by Means of High Hydrostatic Pressure at Mild Temperatures. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4446-4449.	1.4	13

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55	Detection of <i>Mycobacterium avium</i> subspecies in the gut associated lymphoid tissue of slaughtered rabbits. <i>BMC Veterinary Research</i> , 2015, 11, 130.	0.7	13
56	Beyond tuberculosis: Diversity and implications of non-tuberculous mycobacteria at the wildlife-livestock interface. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	13
57	Effects of Inactivated <i>Mycobacterium bovis</i> Vaccination on Molokai-Origin Wild Pigs Experimentally Infected with Virulent <i>M. bovis</i> . <i>Pathogens</i> , 2020, 9, 199.	1.2	12
58	Risk factors associated to a high <i>Mycobacterium tuberculosis</i> complex seroprevalence in wild boar (<i>Sus scrofa</i>) from a low bovine tuberculosis prevalence area. <i>PLoS ONE</i> , 2020, 15, e0231559.	1.1	12
59	Novel Feature of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> , Highlighted by Characterization of the Heparin-Binding Hemagglutinin Adhesin. <i>Journal of Bacteriology</i> , 2013, 195, 4844-4853.	1.0	11
60	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.	0.7	11
61	Development and evaluation of an interferon gamma assay for the diagnosis of tuberculosis in red deer experimentally infected with <i>Mycobacterium bovis</i> . <i>BMC Veterinary Research</i> , 2017, 13, 341.	0.7	10
62	Preliminary Results Indicate That Inactivated Vaccine against Paratuberculosis Could Modify the Course of Experimental <i>Mycobacterium bovis</i> Infection in Calves. <i>Frontiers in Veterinary Science</i> , 2017, 4, 175.	0.9	10
63	Infection of Eurasian badgers (<i>Meles meles</i>) with <i>Mycobacterium avium</i> complex (MAC) bacteria. <i>Veterinary Journal</i> , 2011, 188, 231-233.	0.6	9
64	No evidence that wild red deer (<i>Cervus elaphus</i>) on the Iberian Peninsula are a reservoir of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection. <i>Veterinary Journal</i> , 2012, 192, 544-546.	0.6	9
65	PRESENCE OF <i>MYCOBACTERIUM AVIUM</i> SUBSP. <i>PARATUBERCULOSIS</i> IN ALPACAS (<i>LAMA</i>)	1.1	9
66	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.	0.9	9
67	Tuberculosis outbreak caused by <i>Mycobacterium caprae</i> in a rabbit farm in Spain. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 431-441.	1.3	9
68	Latent infections are the most frequent form of paratuberculosis in slaughtered Friesian cattle. <i>Spanish Journal of Agricultural Research</i> , 2014, 12, 1049.	0.3	9
69	Nonspecific protection of heat-inactivated <i>Mycobacterium bovis</i> against <i>Salmonella Choleraesuis</i> infection in pigs. <i>Veterinary Research</i> , 2022, 53, 31.	1.1	9
70	Association between cattle herd <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> (MAP) infection and infection of a hare population. <i>Tropical Animal Health and Production</i> , 2014, 46, 1313-1316.	0.5	8
71	Interaction Patterns between Wildlife and Cattle Reveal Opportunities for <i>Mycobacteria</i> Transmission in Farms from North-Eastern Atlantic Iberian Peninsula. <i>Animals</i> , 2021, 11, 2364.	1.0	8
72	Disseminated <i>Mycobacterium avium</i> subsp. <i>avium</i> infection in a pet Korean squirrel (<i>Sciurus vulgaris</i>)	0.8	7

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73	Lack of evidence of paratuberculosis in wild canids from Southwestern Europe. <i>European Journal of Wildlife Research</i> , 2011, 57, 683-688.	0.7	7
74	The Phosphatidyl- <i>myo</i> -Inositol Dimannoside Acyltransferase PatA Is Essential for <i>Mycobacterium tuberculosis</i> Growth <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	7
75	Detection of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> in a cattle/pudu interface. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2015, 67, 1205-1209.	0.1	7
76	Tuberculosis vaccination sequence effect on protection in wild boar. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 66, 101329.	0.7	6
77	Detection of Wood Mice (<i>Apodemus sylvaticus</i>) Carrying Non-Tuberculous <i>Mycobacteria</i> Able to Infect Cattle and Interfere with the Diagnosis of Bovine Tuberculosis. <i>Microorganisms</i> , 2020, 8, 374.	1.6	5
78	A long-term survey on <i>Mycobacterium tuberculosis</i> complex in wild mammals from a bovine tuberculosis low prevalence area. <i>European Journal of Wildlife Research</i> , 2021, 67, 1.	0.7	5
79	Oral vaccination stimulates neutrophil functionality and exerts protection in a <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection model. <i>Npj Vaccines</i> , 2021, 6, 102.	2.9	4
80	Influence of Heterologous and Homologous Vaccines, and Their Components, on the Host Immune Response and Protection Against Experimental Caprine Paratuberculosis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 744568.	0.9	4
81	Coexistence of Granulomatous Enteric Inflammation and Neoplasia in an Adult Sheep. <i>Veterinary Pathology</i> , 2013, 50, 1158-1162.	0.8	3
82	Virulence attenuation of a <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> S-type strain prepared from intestinal mucosa after bacterial culture. Evaluation in an experimental ovine model. <i>Research in Veterinary Science</i> , 2015, 99, 180-187.	0.9	3
83	Benchtopy nuclear magnetic resonance-based metabolomic approach for the diagnosis of bovine tuberculosis. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	1.3	3
84	Naturally Avian Influenza Virus-Infected Wild Birds Are More Likely to Test Positive for <i>Mycobacterium</i> spp. and <i>Salmonella</i> spp.. <i>Avian Diseases</i> , 2018, 63, 131.	0.4	1
85	Pathogenesis of domestic pigs submitted to mycobacterial sensitizations previous to experimental infection with <i>Mycobacterium bovis</i> . <i>Spanish Journal of Agricultural Research</i> , 2022, 20, e0502-e0502.	0.3	1