Iker A Sevilla

List of Publications by Year
in descending order

85 papers	2,150 citations	201575 27 h-index	276775 41 g-index
86 all docs	86 docs citations	86 times ranked	1329 citing authors

#	Article	IF	Citations
1	Benchtop nuclear magnetic resonanceâ€based metabolomic approach for the diagnosis of bovine tuberculosis. Transboundary and Emerging Diseases, 2022, 69, .	1.3	3
2	Pathogenesis of domestic pigs submitted to mycobacterial sensitizations previous to experimental infection with Mycobacterium bovis. Spanish Journal of Agricultural Research, 2022, 20, e0502-e0502.	0.3	1
3	Nonspecific protection of heat-inactivated Mycobacterium bovis against Salmonella Choleraesuis infection in pigs. Veterinary Research, 2022, 53, 31.	1.1	9
4	Beyond tuberculosis: Diversity and implications of nonâ€tuberculous mycobacteria at the wildlifeâ€“livestock interface. Transboundary and Emerging Diseases, 2022, 69, .	1.3	13
5	The Phosphatidyl- myo -Inositol Dimannoside Acyltransferase PatA Is Essential for Mycobacterium tuberculosis Growth In Vitro and In Vivo. Journal of Bacteriology, 2021, 203, .	1.0	7
6	A long-term survey on Mycobacterium tuberculosis complex in wild mammals from a bovine tuberculosis low prevalence area. European Journal of Wildlife Research, 2021, 67, 1.	0.7	5
7	Interaction Patterns between Wildlife and Cattle Reveal Opportunities for Mycobacteria Transmission in Farms from North-Eastern Atlantic Iberian Peninsula. Animals, 2021, 11, 2364.	1.0	8
8	Oral vaccination stimulates neutrophil functionality and exerts protection in a Mycobacterium avium subsp. paratuberculosis infection model. Npj Vaccines, 2021, 6, 102.	2.9	4
9	Influence of Heterologous and Homologous Vaccines, and Their Components, on the Host Immune Response and Protection Against Experimental Caprine Paratuberculosis. Frontiers in Veterinary Science, 2021, 8, 744568.	0.9	4
10	Tuberculosis outbreak caused byMycobacterium capraein a rabbit farm in Spain. Transboundary and Emerging Diseases, 2020, 67, 431-441.	1.3	9
11	Detection of Wood Mice (Apodemus sylvaticus) Carrying Non-Tuberculous Mycobacteria Able to Infect Cattle and Interfere with the Diagnosis of Bovine Tuberculosis. Microorganisms, 2020, 8, 374.	1.6	5
12	Effects of Inactivated Mycobacterium bovis Vaccination on Molokai-Origin Wild Pigs Experimentally Infected with Virulent M. bovis. Pathogens, 2020, 9, 199.	1.2	12
13	Protective Effect of Oral BCG and Inactivated Mycobacterium bovis Vaccines in European Badgers (Meles meles) Experimentally Infected With M. bovis. Frontiers in Veterinary Science, 2020, 7, 41.	0.9	20
14	Risk factors associated to a high Mycobacterium tuberculosisÂcomplex seroprevalence in wild boar (Sus scrofa) from a low bovine tuberculosis prevalence area. PLoS ONE, 2020, 15, e0231559.	1.1	12
15	Tuberculosis vaccination sequence effect on protection in wild boar. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 66, 101329.	0.7	6
16	Mycobacterium tuberculosis extracellular vesicle-associated lipoprotein LpqH as a potential biomarker to distinguish paratuberculosis infection or vaccination from tuberculosis infection. BMC Veterinary Research, 2019, 15, 188.	0.7	18
17	Estimation of Performance Characteristics of Analytical Methods for Mycobacterium avium subsp. paratuberculosis Detection in Dairy Products. Frontiers in Microbiology, 2019, 10, 509.	1.5	21
18	Impact of piglet oral vaccination against tuberculosis in endemic free-ranging wild boar populations. Preventive Veterinary Medicine, 2018, 155, 11-20.	0.7	43

#	Article	IF	Citations
19	Association between combinations of genetic polymorphisms and epidemiopathogenic forms of bovine paratuberculosis. Heliyon, 2018, 4, e00535.	1.4	16
20	Response of goats to intramuscular vaccination with heat-killed Mycobacterium bovis and natural challenge. Comparative Immunology, Microbiology and Infectious Diseases, 2018, 60, 28-34.	0.7	11
21	Efficacy of parenteral vaccination against tuberculosis with heat-inactivated Mycobacterium bovis in experimentally challenged goats. PLoS ONE, 2018, 13, e0196948.	1.1	18
22	Different lesion distribution in calves orally or intratracheally challenged with Mycobacterium bovis: implications for diagnosis. Veterinary Research, 2018, 49, 74.	1.1	16
23	Naturally Avian Influenza Virusâ€"Infected Wild Birds Are More Likely to Test Positive for Mycobacterium spp. and Salmonella spp.. Avian Diseases, 2018, 63, 131.	0.4	1
24	Parenteral Vaccination with Heat-Inactivated Mycobacterium Bovis Reduces the Prevalence of Tuberculosis-Compatible Lesions in Farmed Wild Boar. Transboundary and Emerging Diseases, 2017, 64, e18-e21.	1.3	18
25	The response of red deer to oral administration of heat-inactivated Mycobacterium bovis and challenge with a field strain. Veterinary Microbiology, 2017, 208, 195-202.	0.8	28
26	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.	0.7	10
27	Oral Vaccination with Heat-Inactivated Mycobacterium bovis Does Not Interfere with the Antemortem Diagnostic Techniques for Tuberculosis in Goats. Frontiers in Veterinary Science, 2017, 4, 124.	0.9	9
28	Preliminary Results Indicate That Inactivated Vaccine against Paratuberculosis Could Modify the Course of Experimental Mycobacterium bovis Infection in Calves. Frontiers in Veterinary Science, 2017, 4, 175.	0.9	10
29	Detection of Mycobacteria by Culture and DNA-Based Methods in Animal-Derived Food Products Purchased at Spanish Supermarkets. Frontiers in Microbiology, 2017, 8, 1030.	1.5	26
30	Immune response profiles of calves following vaccination with live BCG and inactivated Mycobacterium bovis vaccine candidates. PLoS ONE, 2017, 12, e0188448.	1.1	17
31	Tuberculosis Detection in Paratuberculosis Vaccinated Calves: New Alternatives against Interference. PLoS ONE, 2017, 12, e0169735.	1.1	27
32	Assessment of BCG and inactivated Mycobacterium bovis vaccines in an experimental tuberculosis infection model in sheep. PLoS ONE, 2017, 12, e0180546.	1.1	27
33	Oral vaccination of cattle with heat inactivated Mycobacterium bovis does not compromise bovine TB diagnostic tests. Veterinary Immunology and Immunopathology, 2016, 182, 85-88.	0.5	28
34	PRESENCE OFMYCOBACTERIUM AVIUMSUBSP.PARATUBERCULOSISIN ALPACAS (LAMA) Tj ETQq0 0 0 rgBT /Overlock 1	0.3	9
35	Oral administration of heat-inactivated Mycobacterium bovis reduces the response of farmed red deer to avian and bovine tuberculin. Veterinary Immunology and Immunopathology, 2016, 172, 21-25.	0.5	26
36	Phylogenomic exploration of the relationships between strains of Mycobacterium avium subspecies paratuberculosis. BMC Genomics, 2016, 17, 79.	1.2	71

#	Article	IF	Citations
37	Increased Lytic Efficiency of Bovine Macrophages Trained with Killed Mycobacteria. PLoS ONE, 2016, 11, e0165607.	1.1	26
38	Detection of Mycobacteria, Mycobacterium avium Subspecies, and Mycobacterium tuberculosis Complex by a Novel Tetraplex Real-Time PCR Assay. Journal of Clinical Microbiology, 2015, 53, 930-940.	1.8	54
39	Goats challenged with different members of the Mycobacterium tuberculosis complex display different clinical pictures. Veterinary Immunology and Immunopathology, 2015, 167, 185-189.	0.5	32
40	Virulence attenuation of a Mycobacterium avium subspecies paratuberculosis S-type strain prepared from intestinal mucosa after bacterial culture. Evaluation in an experimental ovine model. Research in Veterinary Science, 2015, 99, 180-187.	0.9	3
41	Detection of Mycobacterium avium subspecies in the gut associated lymphoid tissue of slaughtered rabbits. BMC Veterinary Research, 2015, 11, 130.	0.7	13
42	Comparative Genomics of Field Isolates of Mycobacterium bovis and M. caprae Provides Evidence for Possible Correlates with Bacterial Viability and Virulence. PLoS Neglected Tropical Diseases, 2015, 9, e0004232.	1.3	28
43	Detection of Mycobacterium avium subsp. paratuberculosis in a cattle/pudu interface. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2015, 67, 1205-1209.	0.1	7
44	Oral Vaccination with Heat Inactivated Mycobacterium bovis Activates the Complement System to Protect against Tuberculosis. PLoS ONE, 2014, 9, e98048.	1.1	52
45	Mycobacterium Avium 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. PLoS ONE, 2014, 9, e104238.	1.1	22
46	Association between cattle herd Mycobacterium avium subsp. paratuberculosis (MAP) infection and infection of a hare population. Tropical Animal Health and Production, 2014, 46, 1313-1316.	0.5	8
47	Tonsils of the Soft Palate Do Not Mediate the Response of Pigs to Oral Vaccination with Heat-Inactivated Mycobacterium bovis. Vaccine Journal, 2014, 21, 1128-1136.	3.2	14
48	Assessment of an Oral Mycobacterium bovis BCG Vaccine and an Inactivated M. bovis Preparation for Wild Boar in Terms of Adverse Reactions, Vaccine Strain Survival, and Uptake by Nontarget Species. Vaccine Journal, 2014, 21, 12-20.	3.2	29
49	Experimental infection of lambs with C and S-type strains of Mycobacterium avium subspecies paratuberculosis: immunological and pathological findings. Veterinary Research, 2014, 45, 5.	1.1	34
50	Development and Evaluation of a Novel Multicopy-Element-Targeting Triplex PCR for Detection of Mycobacterium avium subsp. paratuberculosis in Feces. Applied and Environmental Microbiology, 2014, 80, 3757-3768.	1.4	43
51	Oral re-vaccination of Eurasian wild boar with Mycobacterium bovis BCG yields a strong protective response against challenge with a field strain. BMC Veterinary Research, 2014, 10, 96.	0.7	27
52	Latent infections are the most frequent form of paratuberculosis in slaughtered Friesian cattle. Spanish Journal of Agricultural Research, 2014, 12, 1049.	0.3	9
53	Mycobacterium avium subspecies paratuberculosis isolates from sheep and goats show reduced persistence in bovine macrophages than cattle, bison, deer and wild boar strains regardless of genotype. Veterinary Microbiology, 2013, 163, 325-334.	0.8	20
54	Coexistence of Granulomatous Enteric Inflammation and Neoplasia in an Adult Sheep. Veterinary Pathology, 2013, 50, 1158-1162.	0.8	3

#	Article	IF	Citations
55	Novel Feature of Mycobacterium avium subsp. paratuberculosis, Highlighted by Characterization of the Heparin-Binding Hemagglutinin Adhesin. Journal of Bacteriology, 2013, 195, 4844-4853.	1.0	11
56	Paratuberculosis Vaccination Causes Only Limited Cross-Reactivity in the Skin Test for Diagnosis of Bovine Tuberculosis. PLoS ONE, 2013, 8, e80985.	1.1	35
57	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
58	Inter- and Intra-subtype genotypic differences that differentiate Mycobacterium avium subspecies paratuberculosis strains. BMC Microbiology, 2012, 12, 264.	1.3	53
59	Quantification of Mycobacterium avium subsp. paratuberculosis Strains Representing Distinct Genotypes and Isolated from Domestic and Wildlife Animal Species by Use of an Automatic Liquid Culture System. Journal of Clinical Microbiology, 2012, 50, 2609-2617.	1.8	15
60	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, 544-546.	0.6	9
61	Culture Phenotypes of Genomically and Geographically Diverse Mycobacterium avium subsp. paratuberculosis Isolates from Different Hosts. Journal of Clinical Microbiology, 2011, 49, 1822-1830.	1.8	48
62	Paratuberculosis in European wild rabbits from the Iberian Peninsula. Research in Veterinary Science, 2011, 91, 212-218.	0.9	24
63	Protection against Tuberculosis in Eurasian Wild Boar Vaccinated with Heat-Inactivated Mycobacterium bovis. PLoS ONE, 2011, 6, e24905.	1.1	108
64	Infection of Eurasian badgers (Meles meles) with Mycobacterium avium complex (MAC) bacteria. Veterinary Journal, 2011, 188, 231-233.	0.6	9
65	Infection of Eurasian badgers (Meles meles) with Mycobacterium bovis and Mycobacterium avium complex in Spain. Veterinary Journal, 2011, 190, e21-e25.	0.6	45
66	Lack of evidence of paratuberculosis in wild canids from Southwestern Europe. European Journal of Wildlife Research, 2011, 57, 683-688.	0.7	7
67	Fate of Mycobacterium avium subsp. paratuberculosis after Application of Contaminated Dairy Cattle Manure to Agricultural Soils. Applied and Environmental Microbiology, 2011, 77, 2122-2129.	1.4	32
68	Estimation of Mycobacterium avium subsp. paratuberculosis Growth Parameters: Strain Characterization and Comparison of Methods. Applied and Environmental Microbiology, 2011, 77, 8615-8624.	1.4	36
69	Experimental infection of Eurasian wild boar with Mycobacterium avium subsp. avium. Veterinary Microbiology, 2010, 144, 240-245.	0.8	14
70	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
71	Isolation ofMycobacterium aviumsubsp.paratuberculosisfrom Muscle Tissue of Naturally Infected Cattle. Foodborne Pathogens and Disease, 2009, 6, 513-518.	0.8	59
72	First data on Eurasian wild boar response to oral immunization with BCG and challenge with a Mycobacterium bovis field strain. Vaccine, 2009, 27, 6662-6668.	1.7	77

#	Article	IF	Citations
73	Association between Mycobacterium avium subsp. paratuberculosis 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
74	Comparative analysis of Mycobacterium avium subsp. paratuberculosis isolates from cattle, sheep and goats by short sequence repeat and pulsed-field gel electrophoresis typing. BMC Microbiology, 2008, 8, 204.	1.3	30
75	Pathogenic â€˜Bison-typeâ€™ Mycobacterium avium subspecies paratuberculosis genotype characterized from riverine buffalo (Bubalus bubalis) in North India. Comparative Immunology, Microbiology and Infectious Diseases, 2008, 31, 373-387.	0.7	39
76	Lacto-prevalence, genotyping of Mycobacterium avium subspecies paratuberculosis and evaluation of three diagnostic tests in milk of naturally infected goatherds. Small Ruminant Research, 2008, 74, 37-44.	0.6	20
77	Evaluation of indigenous milk ELISA with m-culture and m-PCR for the diagnosis of Bovine Johneâ€™s disease (BJD) in lactating Indian dairy cattle. Research in Veterinary Science, 2008, 84, 30-37.	0.9	31
78	On the Prevalence of M. avium Subspecies paratuberculosis DNA in the Blood of Healthy Individuals and Patients with Inflammatory Bowel Disease. PLoS ONE, 2008, 3, e2537.	1.1	57
79	Disseminated Mycobacterium avium subsp. avium infection in a pet Korean squirrel (Sciuris vulgaris) Tj ETQq1 1 0.784314 rgBT /Over	0.8	7
80	Pulsed-field gel electrophoresis profile homogeneity of Mycobacterium avium subsp. paratuberculosis isolates from cattle and heterogeneity of those from sheep and goats. BMC Microbiology, 2007, 7, 18.	1.3	55
81	Juvenile Capri-Paratuberculosis (JCP) in India: Incidence and characterization by six diagnostic tests. Small Ruminant Research, 2007, 73, 45-53.	0.6	23
82	Inactivation of Mycobacterium avium subsp. paratuberculosis in Cow's Milk by Means of High Hydrostatic Pressure at Mild Temperatures. Applied and Environmental Microbiology, 2006, 72, 4446-4449.	1.4	13
83	Comparison of Blood Polymerase Chain Reaction and Enzyme-Linked Immunosorbent Assay for Detection of Mycobacterium Avium Subsp. Paratuberculosis Infection in Cattle and Sheep. Journal of Veterinary Diagnostic Investigation, 2005, 17, 354-359.	0.5	38
84	TipificaciÃ³n molecular de cepas de Mycobacterium avium subespecie paratuberculosis de diferentes huÃ©spedes y regiones. OIE Revue Scientifique Et Technique, 2005, 24, 1061-1066.	0.5	91
85	Helminth parasites of the Eurasian badger (Meles meles L.) in the Basque Country (Spain). European Journal of Wildlife Research, 2004, 50, 37-40.	0.7	24