

Lorenzo JosÃ© Fraile

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

3,762
citations

201674

27
h-index

144013

57
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124
all docs

124
docs citations

124
times ranked

5412
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial Susceptibility Testing of Porcine Bacterial Pathogens: Investigating the Prospect of Testing a Representative Drug for Each Antimicrobial Family. <i>Antibiotics</i> , 2022, 11, 638.	3.7	6
2	A genome-wide screen for resilient responses in growing pigs. <i>Genetics Selection Evolution</i> , 2022, 54, .	3.0	2
3	A Cowâ€™Calf Farming System Fully Adapted to Elevation and Harsh Conditions in Andorra (Europe). <i>Animals</i> , 2021, 11, 611.	2.3	0
4	Using PRRSV-Resilient Sows Improve Performance in Endemic Infected Farms with Recurrent Outbreaks. <i>Animals</i> , 2021, 11, 740.	2.3	1
5	Modeling of Vaccination and Contact Tracing as Tools to Control the COVID-19 Outbreak in Spain. <i>Vaccines</i> , 2021, 9, 386.	4.4	11
6	The Specific Immune Response after Vaccination against Neonatal Calf Diarrhoea Differs between Apparent Similar Vaccines in a Case Study. <i>Animals</i> , 2021, 11, 1238.	2.3	2
7	Altered Nasal Microbiota Composition Associated with Development of Polyserositis by <i>Mycoplasma hyorhinis</i> . <i>Pathogens</i> , 2021, 10, 603.	2.8	10
8	Prevalence of <i>Salmonella</i> in Free-Range Pigs: Risk Factors and Intestinal Microbiota Composition. <i>Foods</i> , 2021, 10, 1410.	4.3	6
9	Exosome-Based Vaccines: Pros and Cons in the World of Animal Health. <i>Viruses</i> , 2021, 13, 1499.	3.3	12
10	Modelling the SARS-CoV-2 outbreak: Assessing the usefulness of protective measures to reduce the pandemic at population level. <i>Science of the Total Environment</i> , 2021, 789, 147816.	8.0	6
11	A Methodology to Quantify Resilience in Growing Pigs. <i>Animals</i> , 2021, 11, 2970.	2.3	4
12	Porcine Reproductive and Respiratory Syndrome Surveillance in breeding Herds and Nurseries Using Tongue Tips from Dead Animals. <i>Veterinary Sciences</i> , 2021, 8, 259.	1.7	3
13	<i>Salmonella</i> Infection in Mesenteric Lymph Nodes of Breeding Sows. <i>Foodborne Pathogens and Disease</i> , 2020, 17, 411-417.	1.8	8
14	The Impact of Producing Type and Dietary Crude Protein on Animal Performances and Microbiota Together with Greenhouse Gases Emissions in Growing Pigs. <i>Animals</i> , 2020, 10, 1742.	2.3	3
15	Antimicrobial Resistance Genes in Porcine <i>Pasteurella multocida</i> Are Not Associated with Its Antimicrobial Susceptibility Pattern. <i>Antibiotics</i> , 2020, 9, 614.	3.7	11
16	Identification of a Newly Conserved SLA-II Epitope in a Structural Protein of Swine Influenza Virus. <i>Frontiers in Immunology</i> , 2020, 11, 2083.	4.8	2
17	Antimicrobial Susceptibility Pattern of Porcine Respiratory Bacteria in Spain. <i>Antibiotics</i> , 2020, 9, 402.	3.7	21
18	Differential Viral-Host Immune Interactions Associated with Oseltamivir-Resistant H275Y and Wild-Type H1N1 A(pdm09) Influenza Virus Pathogenicity. <i>Viruses</i> , 2020, 12, 794.	3.3	1

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19	Vaccination Is a Suitable Tool in the Control of Aujeszky's Disease Outbreaks in Pigs Using a Population Dynamics P Systems Model. <i>Animals</i> , 2020, 10, 909.	2.3	6
20	Feeding Calves with Pasteurized Colostrum and Milk Has a Positive Long-Term Effect on Their Productive Performance. <i>Animals</i> , 2020, 10, 1494.	2.3	8
21	Antimicrobial Stewardship for Respiratory Pathogens in Swine. <i>Antibiotics</i> , 2020, 9, 727.	3.7	5
22	Resilience Effects of SGK1 and TAP1 DNA Markers during PRRSV Outbreaks in Reproductive Sows. <i>Animals</i> , 2020, 10, 902.	2.3	7
23	A probabilistic Poisson-based model to detect PRRSV recirculation using sow production records. <i>Preventive Veterinary Medicine</i> , 2020, 177, 104948.	1.9	3
24	Near Real-Time Monitoring of Clinical Events Detected in Swine Herds in Northeastern Spain. <i>Frontiers in Veterinary Science</i> , 2020, 7, 68.	2.2	3
25	Genetic Markers Associated with Field PRRSV-Induced Abortion Rates. <i>Viruses</i> , 2019, 11, 706.	3.3	9
26	Improving the management procedures in farms infected with the Porcine Reproductive and Respiratory Syndrome virus using PDP models. <i>Scientific Reports</i> , 2019, 9, 9959.	3.3	7
27	Serum-Derived Extracellular Vesicles from African Swine Fever Virus-Infected Pigs Selectively Recruit Viral and Porcine Proteins. <i>Viruses</i> , 2019, 11, 882.	3.3	17
28	Effect of Porcine circovirus 2 (PCV-2) maternally derived antibodies on performance and PCV-2 viremia in vaccinated piglets under field conditions. <i>Porcine Health Management</i> , 2019, 5, 21.	2.6	16
29	Hepatitis E Virus Entry. <i>Viruses</i> , 2019, 11, 883.	3.3	32
30	Identification of resilient sows in porcine reproductive and respiratory syndrome virus-infected farms. <i>Journal of Animal Science</i> , 2019, 97, 3228-3236.	0.5	14
31	Treatment with etamsylate reduces haemolactia in lactating dairy cows. <i>Journal of Dairy Research</i> , 2019, 86, 193-195.	1.4	2
32	Cellular Innate Immunity against PRRSV and Swine Influenza Viruses. <i>Veterinary Sciences</i> , 2019, 6, 26.	1.7	29
33	Key Gaps in the Knowledge of the Porcine Respiratory Reproductive Syndrome Virus (PRRSV). <i>Frontiers in Veterinary Science</i> , 2019, 6, 38.	2.2	88
34	Antimicrobial susceptibility of <i>Mannheimia haemolytica</i> and <i>Pasteurella multocida</i> isolated from ovine respiratory clinical cases in Spain and Portugal. <i>Small Ruminant Research</i> , 2019, 178, 85-93.	1.2	5
35	Multidrug resistant <i>Salmonella enterica</i> isolated from conventional pig farms using antimicrobial agents in preventative medicine programmes. <i>Veterinary Journal</i> , 2018, 234, 36-42.	1.7	27
36	USE OF SIMULATION TO ESTIMATE ECONOMIC PERFORMANCES OF TWO PHENOTYPES OF SOWS. , 2018, , .		0

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37	Targeted-pig trial on safety and immunogenicity of serum-derived extracellular vesicles enriched fractions obtained from Porcine Respiratory and Reproductive virus infections. <i>Scientific Reports</i> , 2018, 8, 17487.	3.3	26
38	Descriptive study for culling and mortality in five high-producing Spanish dairy cattle farms (2006â€“2016). <i>Acta Veterinaria Scandinavica</i> , 2018, 60, 45.	1.6	23
39	Digestive microbiota is different in pigs receiving antimicrobials or a feed additive during the nursery period. <i>PLoS ONE</i> , 2018, 13, e0197353.	2.5	32
40	A bivalent dendrimeric peptide bearing a T-cell epitope from foot-and-mouth disease virus protein 3A improves humoral response against classical swine fever virus. <i>Virus Research</i> , 2017, 238, 8-12.	2.2	9
41	Carotenoid intake and SCD genotype exert complementary effects over fat content and fatty acid composition in Duroc pigs1. <i>Journal of Animal Science</i> , 2017, 95, 2547-2557.	0.5	5
42	African swine fever virus infection in Classical swine fever subclinically infected wild boars. <i>BMC Veterinary Research</i> , 2017, 13, 227.	1.9	20
43	Potential use of local and systemic humoral immune response parameters to forecast <i>Mycoplasma hyopneumoniae</i> associated lung lesions. <i>PLoS ONE</i> , 2017, 12, e0175034.	2.5	15
44	Carotenoid intake and genotype exert complementary effects over fat content and fatty acid composition in Duroc pigs. <i>Journal of Animal Science</i> , 2017, 95, 2547.	0.5	3
45	Biochemical and proteomic analyses of the physiological response induced by individual housing in gilts provide new potential stress markers. <i>BMC Veterinary Research</i> , 2016, 12, 265.	1.9	35
46	Effect of high and low levels of maternally derived antibodies on porcine circovirus type 2 (PCV2) infection dynamics and production parameters in PCV2 vaccinated pigs under field conditions. <i>Vaccine</i> , 2016, 34, 3044-3050.	3.8	24
47	Quasi horn antenna array for Ku band monopulse radiation. , 2016, , .		2
48	Serum-derived exosomes from non-viremic animals previously exposed to the porcine respiratory and reproductive virus contain antigenic viral proteins. <i>Veterinary Research</i> , 2016, 47, 59.	3.0	42
49	A WUR SNP is associated with European Porcine Reproductive and Respiratory Virus Syndrome resistance and growth performance in pigs. <i>Research in Veterinary Science</i> , 2016, 104, 117-122.	1.9	25
50	Production parameters and pig production cost: temporal evolution 2010â€“2014. <i>Porcine Health Management</i> , 2016, 2, 11.	2.6	28
51	Pharmacokinetics of tildipirosin in pig tonsils. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2016, 39, 199-201.	1.3	10
52	Piglet nasal microbiota at weaning may influence the development of GIÃsserÃ©™s disease during the rearing period. <i>BMC Genomics</i> , 2016, 17, 404.	2.8	56
53	Assessment of <i>Mycoplasma hyopneumoniae</i> -induced Pneumonia using Different Lung Lesion Scoring Systems: a Comparative Review. <i>Journal of Comparative Pathology</i> , 2016, 154, 125-134.	0.4	51
54	Shedding of cephalosporin resistant <i>Escherichia coli</i> in pigs from conventional farms after early treatment with antimicrobials. <i>Veterinary Journal</i> , 2016, 211, 21-25.	1.7	17

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55	Colostrum and milk pasteurization improve health status and decrease mortality in neonatal calves receiving appropriate colostrum ingestion. <i>Journal of Dairy Science</i> , 2016, 99, 4718-4725.	3.4	25
56	Applying extracellular vesicles based therapeutics in clinical trials – an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 30087.	12.2	1,020
57	Serum haptoglobin dynamics in pigs vaccinated or not vaccinated against porcine circovirus type 2. <i>Porcine Health Management</i> , 2015, 1, 3.	2.6	5
58	Expression profiling of the <i>GBP1</i> gene as a candidate gene for porcine reproductive and respiratory syndrome resistance. <i>Animal Genetics</i> , 2015, 46, 599-606.	1.7	14
59	Postnatal Persistent Infection with Classical Swine Fever Virus and Its Immunological Implications. <i>PLoS ONE</i> , 2015, 10, e0125692.	2.5	61
60	Comparison of two treatment strategies for cows with metritis in high-risk lactating dairy cows. <i>Theriogenology</i> , 2015, 83, 1344-1351.	2.1	24
61	Impact of the Use of β -Lactam Antimicrobials on the Emergence of <i>Escherichia coli</i> Isolates Resistant to Cephalosporins under Standard Pig-Rearing Conditions. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1782-1787.	3.1	29
62	Clinical response to pandemic h1n1 influenza virus from a fatal and mild case in ferrets. <i>Virology Journal</i> , 2015, 12, 48.	3.4	8
63	Virological and serological characterization of vaccinated and non-vaccinated piglet subpopulations coming from vaccinated and non-vaccinated sows. <i>Preventive Veterinary Medicine</i> , 2015, 119, 153-161.	1.9	3
64	Cross-Species Infectivity of H3N8 Influenza Virus in an Experimental Infection in Swine. <i>Journal of Virology</i> , 2015, 89, 11190-11202.	3.4	24
65	In vivo tracking and immunological properties of pulsed porcine monocyte-derived dendritic cells. <i>Molecular Immunology</i> , 2015, 63, 343-354.	2.2	13
66	Studies on a suitable antibiotic therapy for treating swine brucellosis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 357-364.	1.3	8
67	Dose Dependent Penetration of Tulathromycin in Pig Tonsils. <i>Pharmacologia</i> , 2015, 6, 110-113.	0.3	0
68	Comparison of four lung scoring systems for the assessment of the pathological outcomes derived from <i>Actinobacillus pleuropneumoniae</i> experimental infections. <i>BMC Veterinary Research</i> , 2014, 10, 165.	1.9	40
69	Pharmacokinetic/pharmacodynamic evaluation of marbofloxacin in the treatment of <i>Haemophilus parasuis</i> and <i>Actinobacillus pleuropneumoniae</i> infections in nursery and fattener pigs using Monte Carlo simulations. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2014, 37, 542-549.	1.3	21
70	The impact of CSFV on the immune response to control infection. <i>Virus Research</i> , 2014, 185, 82-91.	2.2	38
71	Antimicrobial resistance of zoonotic and commensal bacteria in Europe: The missing link between consumption and resistance in veterinary medicine. <i>Veterinary Microbiology</i> , 2014, 170, 1-9.	1.9	144
72	Genetic characterization of influenza A viruses circulating in pigs and isolated in north-east Spain during the period 2006–2007. <i>Research in Veterinary Science</i> , 2014, 96, 380-388.	1.9	12

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73	Immune characterization of long pentraxin 3 in pigs infected with influenza virus. <i>Veterinary Microbiology</i> , 2014, 168, 185-192.	1.9	6
74	Comparison of the immunoperoxidase monolayer assay and three commercial ELISAs for detection of antibodies against porcine circovirus type 2. <i>Veterinary Journal</i> , 2014, 201, 429-432.	1.7	10
75	Humoral response and colostral antibody transfer following "one-dose" pre-mating vaccination of sows against porcine circovirus type-2. <i>Veterinary Journal</i> , 2013, 197, 881-883.	1.7	11
76	Swine, human or avian influenza viruses differentially activates porcine dendritic cells cytokine profile. <i>Veterinary Immunology and Immunopathology</i> , 2013, 154, 25-35.	1.2	19
77	Review: Influenza virus in pigs. <i>Molecular Immunology</i> , 2013, 55, 200-211.	2.2	58
78	Targeted proteomics as a tool for porcine acute phase proteins measurements. , 2013, , 217-220.		0
79	Control or eradication? Costs and benefits in the case of PRRSV. <i>Veterinary Record</i> , 2012, 170, 223-224.	0.3	4
80	A T-cell epitope on NS3 non-structural protein enhances the B and T cell responses elicited by dendrimeric constructions against CSFV in domestic pigs. <i>Veterinary Immunology and Immunopathology</i> , 2012, 150, 36-46.	1.2	23
81	Effect of marbofloxacin on <i>Haemophilus parasuis</i> nasal carriage. <i>Veterinary Microbiology</i> , 2012, 159, 123-129.	1.9	9
82	Effect of sow and piglet porcine circovirus type 2 (PCV2) vaccination on piglet mortality, viraemia, antibody titre and production parameters. <i>Veterinary Microbiology</i> , 2012, 161, 229-234.	1.9	50
83	Inactivated PCV2 one shot vaccine applied in 3-week-old piglets: Improvement of production parameters and interaction with maternally derived immunity. <i>Vaccine</i> , 2012, 30, 1986-1992.	3.8	66
84	Chimeric calicivirus-like particles elicit specific immune responses in pigs. <i>Vaccine</i> , 2012, 30, 2427-2439.	3.8	36
85	Immunomodulatory properties of Beta-sitosterol in pig immune responses. <i>International Immunopharmacology</i> , 2012, 13, 316-321.	3.8	69
86	Infectious risk factors for individual postweaning multisystemic wasting syndrome (PMWS) development in pigs from affected farms in Spain and Denmark. <i>Research in Veterinary Science</i> , 2012, 93, 1231-1240.	1.9	13
87	Differential interactions of virulent and non-virulent <i>H. parasuis</i> strains with naïve or swine influenza virus pre-infected dendritic cells. <i>Veterinary Research</i> , 2012, 43, 80.	3.0	18
88	Lack of effect of piglet vaccination against Porcine circovirus type 2 (PCV2) on serum viral loads of Torque teno sus virus 2 (TTSuV2). <i>Veterinary Microbiology</i> , 2012, 157, 8-12.	1.9	9
89	Partial protection against classical swine fever virus elicited by dendrimeric vaccine-candidate peptides in domestic pigs. <i>Vaccine</i> , 2011, 29, 4422-4429.	3.8	45
90	Immunomodulatory effect of swine CCL20 chemokine in DNA vaccination against CSFV. <i>Veterinary Immunology and Immunopathology</i> , 2011, 142, 243-251.	1.2	11

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91	Serum acute phase proteins as biomarkers of pleuritis and cranio-ventral pulmonary consolidation in slaughter-aged pigs. <i>Research in Veterinary Science</i> , 2011, 91, 52-57.	1.9	17
92	Marbofloxacin reaches high concentration in pig tonsils in a doseâ€dependent fashion. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011, 34, 95-97.	1.3	6
93	Recent advances in the epidemiology, diagnosis and control of diseases caused by porcine circovirus type 2. <i>Veterinary Journal</i> , 2011, 187, 23-32.	1.7	121
94	Interaction of porcine conventional dendritic cells with swine influenza virus. <i>Virology</i> , 2011, 420, 125-134.	2.4	16
95	Haptoglobin serum concentration is a suitable biomarker to assess the efficacy of a feed additive in pigs. <i>Animal</i> , 2010, 4, 1561-1567.	3.3	9
96	Risk factors associated with pleuritis and cranio-ventral pulmonary consolidation in slaughter-aged pigs. <i>Veterinary Journal</i> , 2010, 184, 326-333.	1.7	107
97	Correlation between clinico-pathological outcome and typing of <i>Haemophilus parasuis</i> field strains. <i>Veterinary Microbiology</i> , 2010, 142, 387-393.	1.9	50
98	European genotype of porcine reproductive and respiratory syndrome (PRRSV) infects monocyte-derived dendritic cells but does not induce Treg cells. <i>Virology</i> , 2010, 396, 264-271.	2.4	83
99	Allergic Response Modulation by Phytosterols in a Murine Model of Pollen Allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, AB115.	2.9	0
100	Validation of an immunoturbidimetric method for determination of porcine serum C-reactive protein. <i>Research in Veterinary Science</i> , 2010, 89, 159-162.	1.9	10
101	Experimental infection with H1N1 European swine influenza virus protects pigs from an infection with the 2009 pandemic H1N1 human influenza virus. <i>Veterinary Research</i> , 2010, 41, 74.	3.0	71
102	Infection, excretion and seroconversion dynamics of porcine circovirus type 2 (PCV2) in pigs from post-weaning multisystemic wasting syndrome (PMWS) affected farms in Spain and Denmark. <i>Veterinary Microbiology</i> , 2009, 135, 272-282.	1.9	95
103	Pig-major acute phase protein and haptoglobin serum concentrations correlate with PCV2 viremia and the clinical course of postweaning multisystemic wasting syndrome. <i>Veterinary Microbiology</i> , 2009, 138, 53-61.	1.9	37
104	Chimeric calicivirus-like particles elicit protective anti-viral cytotoxic responses without adjuvant. <i>Virology</i> , 2009, 387, 303-312.	2.4	26
105	A genetically engineered chimeric vaccine against porcine circovirus type 2 (PCV2) improves clinical, pathological and virological outcomes in postweaning multisystemic wasting syndrome affected farms. <i>Vaccine</i> , 2009, 27, 7313-7321.	3.8	66
106	A proposal on porcine circovirus type 2 (PCV2) genotype definition and their relation with postweaning multisystemic wasting syndrome (PMWS) occurrence. <i>Veterinary Microbiology</i> , 2008, 128, 23-35.	1.9	156
107	Sow porcine circovirus type 2 (PCV2) status effect on litter mortality in postweaning multisystemic wasting syndrome (PMWS). <i>Research in Veterinary Science</i> , 2007, 82, 299-304.	1.9	48
108	Penetration of diltiazem into breast milk and its pharmacokinetics in the lactating rabbit. <i>Xenobiotica</i> , 2002, 32, 119-130.	1.1	0

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109	Altered diltiazem metabolism in the neonatal rabbit following intra-uterine chronic exposure to diltiazem. <i>Xenobiotica</i> , 2001, 31, 177-185.	1.1	4
110	Development of diltiazem deacetylase and demethylase activities during ontogeny in rabbit. <i>Xenobiotica</i> , 2001, 31, 409-422.	1.1	2
111	Pharmacokinetics of verapamil in lactating rabbits. <i>General Pharmacology</i> , 2000, 34, 237-243.	0.7	2
112	Pharmacokinetics of Verapamil in New Zealand White Rabbits during Ontogeny. <i>Neonatology</i> , 2000, 78, 321-326.	2.0	2
113	Comparison of the pharmacokinetics of verapamil in the pregnant and non-pregnant rabbit: study of maternal and foetal tissue levels. <i>Xenobiotica</i> , 2000, 30, 93-102.	1.1	6
114	Diltiazem blood pharmacokinetics in the pregnant and non-pregnant rabbit: maternal and foetal tissue levels. <i>Xenobiotica</i> , 2000, 30, 831-841.	1.1	6
115	A common method for the determination of several calcium channel blockers using an HPLC system with ultraviolet detection. <i>Talanta</i> , 1998, 47, 1245-1254.	5.5	7
116	Limited capacity of neonatal rabbits to eliminate enrofloxacin and ciprofloxacin. <i>Veterinary Quarterly</i> , 1997, 19, 162-167.	6.7	15
117	Enhanced Diltiazem Deacetylase Activity in Pre-Term and Full-Term Rabbits Compared with Adult Rabbits. <i>Neonatology</i> , 1997, 72, 51-61.	2.0	4
118	Simultaneous determination of verapamil and norverapamil in biological samples by high-performance liquid chromatography using ultraviolet detection. <i>Biomedical Applications</i> , 1997, 693, 377-382.	1.7	26
119	Deacetylation of diltiazem by several rabbit tissues. <i>Pharmaceutical Research</i> , 1996, 13, 1875-1880.	3.5	11
120	Key Performance Indicators Used by Dairy Consultants During the Evaluation of Reproductive Performance in a First Visit. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	1