Enric M Mateu

List of Publications by Year
in descending order

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103	4,435	76326	114465
papers	citations	40	63
		h-index	g-index

109	109	109	2944
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The challenge of PRRS immunology. Veterinary Journal, 2008, 177, 345-351.	1.7	269
2	Immune responses of pigs after experimental infection with a European strain of Porcine reproductive and respiratory syndrome virus. Journal of General Virology, 2005, 86, 1943-1951.	2.9	178
3	Porcine circovirus type 2 (PCV2) vaccination of conventional pigs prevents viremia against PCV2 isolates of different genotypes and geographic origins. Vaccine, 2008, 26, 1063-1071.	3.8	176
4	One dose of a porcine circovirus 2 (PCV2) sub-unit vaccine administered to 3-week-old conventional piglets elicits cell-mediated immunity and significantly reduces PCV2 viremia in an experimental model. Vaccine, 2009, 27, 4031-4037.	3.8	151
5	Detection of neutralizing antibodies in postweaning multisystemic wasting syndrome (PMWS)-affected and non-PMWS-affected pigs. Veterinary Microbiology, 2007, 125, 244-255.	1.9	142
6	Review on the transmission porcine reproductive and respiratory syndrome virus between pigs and farms and impact on vaccination. Veterinary Research, 2016, 47, 108.	3.0	137
7	Immunosuppression in postweaning multisystemic wasting syndrome affected pigs. Veterinary Microbiology, 2004, 98, 151-158.	1.9	129
8	Epidemiological study of hepatitis E virus infection in European wild boars (Sus scrofa) in Spain. Veterinary Microbiology, 2008, 129, 163-170.	1.9	117
9	Certainties, doubts and hypotheses in porcine reproductive and respiratory syndrome virus immunobiology. Virus Research, 2010, 154, 123-132.	2.2	115
10	Cytokine mRNA expression profiles in lymphoid tissues of pigs naturally affected by postweaning multisystemic wasting syndrome. Journal of General Virology, 2003, 84, 2117-2125.	2.9	106
11	Distribution of hepatitis E virus infection and its prevalence in pigs on commercial farms in Spain. Veterinary Journal, 2008, 175, 130-132.	1.7	97
12	Cytokine profiles and phenotype regulation of antigen presenting cells by genotype-I porcine reproductive and respiratory syndrome virus isolates. Veterinary Research, 2011, 42, 9.	3.0	90
13	Cytokine profiles of peripheral blood mononuclear cells from pigs with postweaning multisystemic wasting syndrome in response to mitogen, superantigen or recall viral antigens. Journal of General Virology, 2003, 84, 3453-3457.	2.9	83
14	Development of cell-mediated immunity to porcine circovirus type 2 (PCV2) in caesarean-derived, colostrum-deprived piglets. Veterinary Immunology and Immunopathology, 2009, 129, 101-107.	1.2	81
15	Biosecurity measures on swine farms in Spain: Perceptions by farmers and their relationship to current on-farm measures. Preventive Veterinary Medicine, 2007, 82, 138-150.	1.9	80
16	Characterization of homologous and heterologous adaptive immune responses in porcine reproductive and respiratory syndrome virus infection. Veterinary Research, 2012, 43, 30.	3.0	80
17	Genetic diversity and phylogenetic analysis of glycoprotein 5 of European-type porcine reproductive and respiratory virus strains in Spain. Journal of General Virology, 2003, 84, 529-534.	2.9	78
18	Genetic and immunobiological diversities of porcine reproductive and respiratory syndrome genotype I strains. Veterinary Microbiology, 2011, 150, 49-62.	1.9	78

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19	Detection of hepatitis E virus in liver, mesenteric lymph node, serum, bile and faeces of naturally infected pigs affected by different pathological conditions. Veterinary Microbiology, 2007, 119, 105-114.	1.9	76
20	Immunology of porcine circovirus type 2 (PCV2). Virus Research, 2012, 164, 61-67.	2.2	75
21	Biosecurity in pig farms: a review. Porcine Health Management, 2021, 7, 5.	2.6	74
22	Use of ELISPOT and ELISA to evaluate IFN-Î³, IL-10 and IL-4 responses in conventional pigs. Veterinary Immunology and Immunopathology, 2005, 106, 107-112.	1.2	73
23	Porcine reproductive and respiratory syndrome virus induces CD4+CD8+CD25+Foxp3+ regulatory T cells (Tregs). Virology, 2012, 430, 73-80.	2.4	70
24	Effect of Acidified Feed on the Prevalence of Salmonella in Market-age Pigs. Zoonoses and Public Health, 2007, 54, 314-319.	2.2	69
25	Porcine circovirus type 2-induced interleukin-10 modulates recall antigen responses. Journal of General Virology, 2008, 89, 760-765.	2.9	68
26	In silico prediction and ex vivo evaluation of potential T-cell epitopes in glycoproteins 4 and 5 and nucleocapsid protein of genotype-I (European) of porcine reproductive and respiratory syndrome virus. Vaccine, 2009, 27, 5603-5611.	3.8	68
27	Evidence of widespread infection of avian hepatitis E virus (avian HEV) in chickens from Spain. Veterinary Microbiology, 2009, 137, 31-36.	1.9	66
28	Effects of challenge with a virulent genotype II strain of porcine reproductive and respiratory syndrome virus on piglets vaccinated with an attenuated genotype I strain vaccine. Veterinary Journal, 2012, 193, 92-96.	1.7	64
29	Anti-HEV antibodies in domestic animal species and rodents from Spain using a genotype 3-based ELISA. Veterinary Microbiology, 2009, 137, 66-73.	1.9	59
30	Swine influenza virus infection dynamics in two pig farms; results of a longitudinal assessment. Veterinary Research, 2012, 43, 24.	3.0	56
31	Porcine circovirus type 2 (PCV2) viral components immunomodulate recall antigen responses. Veterinary Immunology and Immunopathology, 2008, 124, 41-49.	1.2	54
32	Biosecurity practices in Spanish pig herds: Perceptions of farmers and veterinarians of the most important biosecurity measures. Preventive Veterinary Medicine, 2013, 110, 223-231.	1.9	54
33	Changes in CD4 + , CD8 + , CD4 + CD8 + , and Immunoglobulin M-Positive Peripheral Blood Mononuclear Cells of Postweaning Multisystemic Wasting Syndrome-Affected Pigs and Age-Matched Uninfected Wasted and Healthy Pigs Correlate with Lesions and Porcine Circovirus Type 2 Load in Lymphoid Tissues. Vaccine Journal, 2002, 9, 236-242.	3.1	50
34	Apoptosis in lymphoid organs of pigs naturally infected by porcine circovirus type 2. Journal of General Virology, 2004, 85, 2837-2844.	2.9	50
35	Evolution of ORF5 of Spanish porcine reproductive and respiratory syndrome virus strains from 1991 to 2005. Virus Research, 2006, 115, 198-206.	2.2	50
36	Porcine circovirus type 2 (PCV2) Cap and Rep proteins are involved in the development of cell-mediated immunity upon PCV2 infection. Veterinary Immunology and Immunopathology, 2010, 137, 226-234.	1.2	49

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37	Sow porcine circovirus type 2 (PCV2) status effect on litter mortality in postweaning multisystemic wasting syndrome (PMWS). Research in Veterinary Science, 2007, 82, 299-304.	1.9	48
38	Transient correlation between viremia levels and IL-10 expression in pigs subclinically infected with porcine circovirus type 2 (PCV2). Research in Veterinary Science, 2008, 84, 194-198.	1.9	48
39	Wild raptors as carriers of antimicrobialâ€resistant Salmonella and Campylobacter strains. Veterinary Record, 2011, 168, 565-565.	0.3	48
40	Association of hepatitis E virus (HEV) and postweaning multisystemic wasting syndrome (PMWS) with lesions of hepatitis in pigs. Veterinary Microbiology, 2007, 122, 16-24.	1.9	46
41	Impact of genotype 1 and 2 of porcine reproductive and respiratory syndrome viruses on interferon-Î± responses by plasmacytoid dendritic cells. Veterinary Research, 2013, 44, 33.	3.0	44
42	Vaccination with a genotype 1 modified live vaccine against porcine reproductive and respiratory syndrome virus significantly reduces viremia, viral shedding and transmission of the virus in a quasi-natural experimental model. Veterinary Microbiology, 2015, 175, 7-16.	1.9	44
43	Haptoglobin and pig-major acute protein are increased in pigs with postweaning multisystemic wasting syndrome (PMWS). Veterinary Research, 2004, 35, 275-282.	3.0	43
44	Seroprevalence and risk factors of swine influenza in Spain. Veterinary Microbiology, 2011, 149, 56-63.	1.9	42
45	Predicted Peptides from Non-Structural Proteins of Porcine Reproductive and Respiratory Syndrome Virus Are Able to Induce IFN-Î³ and IL-10. Viruses, 2013, 5, 663-677.	3.3	38
46	Immunological Features of the Non-Structural Proteins of Porcine Reproductive and Respiratory Syndrome Virus. Viruses, 2015, 7, 873-886.	3.3	37
47	Evaluation of the inclusion of a mixture of organic acids or lactulose into the feed of pigs experimentally challenged with Salmonella Typhimurium. Veterinary Microbiology, 2010, 142, 337-345.	1.9	36
48	Different feed withdrawal times before slaughter influence caecal fermentation and faecal Salmonella shedding in pigs. Veterinary Journal, 2009, 182, 469-473.	1.7	35
49	Prevalence of enteric pathogens in diarrheic and non-diarrheic samples from pig farms with neonatal diarrhea in the North East of Spain. Veterinary Microbiology, 2019, 237, 108419.	1.9	35
50	Epidemiology of salmonella infections in pig units and antimicrobial susceptibility profiles of the strains of Salmonella species isolated. Veterinary Record, 2006, 159, 271-276.	0.3	31
51	Factors associated with routine mass antimicrobial usage in fattening pig units in a high pig-density area. Veterinary Research, 2007, 38, 481-492.	3.0	29
52	Lack of an effect of a commercial vaccine adjuvant on the development of postweaning multisystemic wasting syndrome (PMWS) in porcine circovirus typeï¿½2 (PCV2) experimentally infected conventional pigs. Veterinary Research, 2004, 35, 83-90.	3.0	27
53	Genetic characterization of the complete coding regions of genotype 3 hepatitis E virus isolated from Spanish swine herds. Virus Research, 2009, 139, 111-116.	2.2	25
54	Regulation of toll-like receptors 3, 7 and 9 in porcine alveolar macrophages by different genotype 1 strains of porcine reproductive and respiratory syndrome virus. Veterinary Immunology and Immunopathology, 2014, 158, 189-198.	1.2	24

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55	Simultaneous Porcine Circovirus Type 2 and Mycoplasma hyopneumoniae Co-inoculation does not Potentiate Disease in Conventional Pigs. Journal of Comparative Pathology, 2012, 147, 285-295.	0.4	23
56	Commercial spray-dried porcine plasma does not transmit porcine circovirus type 2 in weaned pigs challenged with porcine reproductive and respiratory syndrome virus. Veterinary Journal, 2011, 190, e16-e20.	1.7	21
57	Apoptosis in postweaning multisystemic wasting syndrome (PMWS) hepatitis in pigs naturally infected with porcine circovirus type 2 (PCV2). Veterinary Journal, 2011, 189, 72-76.	1.7	20
58	Effect of a microencapsulated feed additive of lactic and formic acid on the prevalence ofSalmonellain pigs arriving at the abattoir. Archives of Animal Nutrition, 2011, 65, 431-444.	1.8	19
59	Evaluation of cell-mediated immune responses against porcine circovirus type 2 (PCV2) Cap and Rep proteins after vaccination with a commercial PCV2 sub-unit vaccine. Veterinary Immunology and Immunopathology, 2012, 150, 128-132.	1.2	19
60	High levels of unreported intraspecific diversity among RNA viruses in faeces of neonatal piglets with diarrhoea. BMC Veterinary Research, 2019, 15, 441.	1.9	18
61	Comparison of different vaccination schedules for sustaining the immune response against porcine reproductive and respiratory syndrome virus. Veterinary Journal, 2013, 197, 438-444.	1.7	16
62	Lack ofIn VitroandIn VivoEffects of Lipopolysaccharide on Porcine Circovirus Type 2 Infection. Viral Immunology, 2007, 20, 541-552.	1.3	15
63	Virulent Lena strain induced an earlier and stronger downregulation of CD163 in bronchoalveolar lavage cells. Veterinary Microbiology, 2019, 235, 101-109.	1.9	13
64	Activation of pro- and anti-inflammatory responses in lung tissue injury during the acute phase of PRRSV-1 infection with the virulent strain Lena. Veterinary Microbiology, 2020, 246, 108744.	1.9	13
65	Transmission of Porcine reproductive and respiratory syndrome virus 1 to and from vaccinated pigs in a one-to-one model. Veterinary Microbiology, 2017, 201, 18-25.	1.9	12
66	Immunization with DNA Vaccines Containing Porcine Reproductive and Respiratory Syndrome Virus Open Reading Frames 5, 6, and 7 May Be Related to the Exacerbation of Clinical Disease after an Experimental Challenge. Viral Immunology, 2013, 26, 93-101.	1.3	11
67	Phylogeny of Spanish swine influenza viruses isolated from respiratory disease outbreaks and evolution of swine influenza virus within an endemically infected farm. Veterinary Microbiology, 2014, 170, 266-277.	1.9	11
68	Bottlenecks in the transmission of porcine reproductive and respiratory syndrome virus (PRRSV1) to naÃ¯ve pigs and the quasi-species variation of the virus during infection in vaccinated pigs. Veterinary Research, 2018, 49, 107.	3.0	11
69	Development of a risk assessment tool for improving biosecurity on pig farms. Preventive Veterinary Medicine, 2018, 153, 56-63.	1.9	10
70	Testing of umbilical cords by real time PCR is suitable for assessing vertical transmission of porcine reproductive and respiratory syndrome virus under field conditions. Veterinary Journal, 2018, 234, 27-29.	1.7	10
71	Comparison of two commercial enzyme-linked immunosorbent assays for the diagnosis of Porcine reproductive and respiratory syndrome virus infection. Journal of Veterinary Diagnostic Investigation, 2012, 24, 344-348.	1.1	9
72	Comparison of protocols for the analysis of type 1 porcine reproductive and respiratory syndrome virus by RT-PCR using oral fluids. Journal of Virological Methods, 2017, 243, 190-195.	2.1	9

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73	Biosecurity assessment of Argentinian pig farms. Preventive Veterinary Medicine, 2019, 170, 104637.	1.9	9
74	Immune response development after vaccination of 1-day-old naÃ¯ve pigs with a Porcine Reproductive and Respiratory Syndrome 1-based modified live virus vaccine. Porcine Health Management, 2019, 5, 2.	2.6	9
75	Using commercial ELISAs to assess humoral response in sows repeatedly vaccinated with modified live porcine reproductive and respiratory syndrome virus. Veterinary Record, 2020, 186, 123-123.	0.3	9
76	Porcine reproductive and respiratory syndrome virus impacts on gut microbiome in a strain virulenceâ€dependent fashion. Microbial Biotechnology, 2022, 15, 1007-1016.	4.2	9
77	One World, One Health: The Threat of Emerging and Re-Emerging Viral Infections of Pigs. Transboundary and Emerging Diseases, 2012, 59, 1-2.	3.0	8
78	Activation of regulated cell death in the lung of piglets infected with virulent PRRSV-1 Lena strain occurs earlier and mediated by cleaved Caspase-8. Veterinary Research, 2021, 52, 12.	3.0	8
79	Comparison of muscle fluid and serum for detection of antibodies against hepatitis E virus in slaughter pigs. Veterinary Journal, 2011, 190, 179-180.	1.7	7
80	Full-genome characterization by deep sequencing of rotavirus A isolates from outbreaks of neonatal diarrhoea in pigs in Spain. Veterinary Microbiology, 2018, 227, 12-19.	1.9	7
81	Impact of Cryopreservation on Viability, Phenotype, and Functionality of Porcine PBMC. Frontiers in Immunology, 2021, 12, 765667.	4.8	7
82	Antibody response of wild boar (Sus scrofa) piglets vaccinated against Aujeszky's disease virus. Veterinary Record, 2008, 162, 484-485.	0.3	6
83	Subclinical porcine circovirus type 2 infection does not modulate the immune response to an Aujeszkyâ€™s disease virus vaccine. Veterinary Journal, 2012, 194, 84-88.	1.7	6
84	Distinct functional enrichment of transcriptional signatures in pigs with high and low IFN-gamma responses after vaccination with a porcine reproductive and respiratory syndrome virus (PRRSV). Veterinary Research, 2016, 47, 104.	3.0	6
85	Next-generation sequencing as a tool for the study of Porcine reproductive and respiratory syndrome virus (PRRSV) macro- and micro- molecular epidemiology. Veterinary Microbiology, 2017, 209, 5-12.	1.9	6
86	Characterization of the attachment and infection by Porcine reproductive and respiratory syndrome virus 1 isolates in bone marrow-derived dendritic cells. Veterinary Microbiology, 2018, 223, 181-188.	1.9	6
87	Prevalence of infection with porcine circovirus-2 (PCV-2) and porcine reproductive and respiratory syndrome virus (PRRSV) in an integrated swine production system experiencing postweaning multisystemic wasting syndrome. Canadian Journal of Veterinary Research, 2009, 73, 308-12.	0.2	6
88	Temporal evolution and potential recombination events in PRRSV strains of Sonora Mexico. Veterinary Microbiology, 2014, 174, 540-546.	1.9	5
89	Estimation of the transmission parameters for swine influenza and porcine reproductive and respiratory syndrome viruses in pigs from weaning to slaughter under natural conditions. Preventive Veterinary Medicine, 2017, 138, 147-155.	1.9	5
90	Network analysis of pig movements in Argentina: Identification of key farms in the spread of infectious diseases and their biosecurity levels. Transboundary and Emerging Diseases, 2020, 67, 1152-1163.	3.0	5

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91	Diversity of influenza A viruses retrieved from respiratory disease outbreaks and subclinically infected herds in Spain (2017â€“2019). Transboundary and Emerging Diseases, 2021, 68, 519-530.	3.0	5
92	Development of Pig Conventional Dendritic Cells From Bone Marrow Hematopoietic Cells in vitro. Frontiers in Immunology, 2020, 11, 553859.	4.8	4
93	Immune response does not prevent homologous Porcine epidemic diarrhoea virus reinfection five months after the initial challenge. Transboundary and Emerging Diseases, 2022, 69, 997-1009.	3.0	4
94	Interaction of Type 1 Porcine Reproductive and Respiratory Syndrome Virus With In Vitro Derived Conventional Dendritic Cells. Frontiers in Immunology, 2021, 12, 674185.	4.8	4
95	Different fibrous ingredients and coarsely ground maize affect hindgut fermentation in the pig in vitro but not Salmonella Typhimurium survival. Animal Feed Science and Technology, 2009, 153, 141-152.	2.2	3
96	The use of a whole inactivated PRRS virus vaccine administered in sows and impact on maternally derived immunity and timing of PRRS virus infection in piglets. Veterinary Record Open, 2022, 9, e34.	1.0	3
97	Comparison of three ELISAs for the diagnosis of porcine reproductive and respiratory syndrome. Veterinary Record, 2006, 159, 717-717.	0.3	2
98	Analysis of the genetic diversity and mRNA expression level in porcine reproductive and respiratory syndrome virus vaccinated pigs that developed short or long viremias after challenge. Veterinary Research, 2018, 49, 19.	3.0	2
99	Network analysis of pig movements in Argentina: identification of key farms in the spread of diseases and relationship with their biosecurity level. Frontiers in Veterinary Science, 0, 6, .	2.2	2
100	Expression of Toll-like receptor 9 (TLR9) in the lungs and lymphoid tissue of pigs. Veterinary Journal, 2015, 203, 259-261.	1.7	1
101	Swine Dendritic Cell Response to Porcine Reproductive and Respiratory Syndrome Virus: An Update. Frontiers in Immunology, 2021, 12, 712109.	4.8	1
102	Adjuvant effect of porcine chemokines on DNA vaccination of pigs. Veterinary Immunology and Immunopathology, 2009, 128, 328.	1.2	0
103	Development of an antigen Enzyme-Linked AptaSorbent Assay (ELASA) for the detection of swine influenza virus in field samples. Analytica Chimica Acta, 2021, 1181, 338933.	5.4	0