

Enric M Mateu

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,435
citations

76326

40
h-index

114465

63
g-index

109
all docs

109
docs citations

109
times ranked

2944
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune response does not prevent homologous <i>Porcine epidemic diarrhoea</i> virus reinfection five months after the initial challenge. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 997-1009.	3.0	4
2	Porcine reproductive and respiratory syndrome virus impacts on gut microbiome in a strain virulence-dependent fashion. <i>Microbial Biotechnology</i> , 2022, 15, 1007-1016.	4.2	9
3	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. <i>Veterinary Record Open</i> , 2022, 9, e34.	1.0	3
4	Diversity of influenza A viruses retrieved from respiratory disease outbreaks and subclinically infected herds in Spain (2017-2019). <i>Transboundary and Emerging Diseases</i> , 2021, 68, 519-530.	3.0	5
5	Biosecurity in pig farms: a review. <i>Porcine Health Management</i> , 2021, 7, 5.	2.6	74
6	Interaction of Type 1 Porcine Reproductive and Respiratory Syndrome Virus With In Vitro Derived Conventional Dendritic Cells. <i>Frontiers in Immunology</i> , 2021, 12, 674185.	4.8	4
7	Swine Dendritic Cell Response to Porcine Reproductive and Respiratory Syndrome Virus: An Update. <i>Frontiers in Immunology</i> , 2021, 12, 712109.	4.8	1
8	Development of an antigen Enzyme-Linked AptaSorbent Assay (ELASA) for the detection of swine influenza virus in field samples. <i>Analytica Chimica Acta</i> , 2021, 1181, 338933.	5.4	0
9	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. <i>Veterinary Research</i> , 2021, 52, 12.	3.0	8
10	Impact of Cryopreservation on Viability, Phenotype, and Functionality of Porcine PBMC. <i>Frontiers in Immunology</i> , 2021, 12, 765667.	4.8	7
11	Using commercial ELISAs to assess humoral response in sows repeatedly vaccinated with modified live porcine reproductive and respiratory syndrome virus. <i>Veterinary Record</i> , 2020, 186, 123-123.	0.3	9
12	Network analysis of pig movements in Argentina: Identification of key farms in the spread of infectious diseases and their biosecurity levels. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1152-1163.	3.0	5
13	Development of Pig Conventional Dendritic Cells From Bone Marrow Hematopoietic Cells in vitro. <i>Frontiers in Immunology</i> , 2020, 11, 553859.	4.8	4
14	Activation of pro- and anti-inflammatory responses in lung tissue injury during the acute phase of PRRSV-1 infection with the virulent strain Lena. <i>Veterinary Microbiology</i> , 2020, 246, 108744.	1.9	13
15	Virulent Lena strain induced an earlier and stronger downregulation of CD163 in bronchoalveolar lavage cells. <i>Veterinary Microbiology</i> , 2019, 235, 101-109.	1.9	13
16	Prevalence of enteric pathogens in diarrheic and non-diarrheic samples from pig farms with neonatal diarrhea in the North East of Spain. <i>Veterinary Microbiology</i> , 2019, 237, 108419.	1.9	35
17	Biosecurity assessment of Argentinian pig farms. <i>Preventive Veterinary Medicine</i> , 2019, 170, 104637.	1.9	9
18	Immune response development after vaccination of 1-day-old naïve pigs with a Porcine Reproductive and Respiratory Syndrome 1-based modified live virus vaccine. <i>Porcine Health Management</i> , 2019, 5, 2.	2.6	9

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19	High levels of unreported intraspecific diversity among RNA viruses in faeces of neonatal piglets with diarrhoea. <i>BMC Veterinary Research</i> , 2019, 15, 441.	1.9	18
20	Development of a risk assessment tool for improving biosecurity on pig farms. <i>Preventive Veterinary Medicine</i> , 2018, 153, 56-63.	1.9	10
21	Testing of umbilical cords by real time PCR is suitable for assessing vertical transmission of porcine reproductive and respiratory syndrome virus under field conditions. <i>Veterinary Journal</i> , 2018, 234, 27-29.	1.7	10
22	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. <i>Veterinary Research</i> , 2018, 49, 19.	3.0	2
23	Bottlenecks in the transmission of porcine reproductive and respiratory syndrome virus (PRRSV1) to naïve pigs and the quasi-species variation of the virus during infection in vaccinated pigs. <i>Veterinary Research</i> , 2018, 49, 107.	3.0	11
24	Full-genome characterization by deep sequencing of rotavirus A isolates from outbreaks of neonatal diarrhoea in pigs in Spain. <i>Veterinary Microbiology</i> , 2018, 227, 12-19.	1.9	7
25	Characterization of the attachment and infection by Porcine reproductive and respiratory syndrome virus 1 isolates in bone marrow-derived dendritic cells. <i>Veterinary Microbiology</i> , 2018, 223, 181-188.	1.9	6
26	Estimation of the transmission parameters for swine influenza and porcine reproductive and respiratory syndrome viruses in pigs from weaning to slaughter under natural conditions. <i>Preventive Veterinary Medicine</i> , 2017, 138, 147-155.	1.9	5
27	Comparison of protocols for the analysis of type 1 porcine reproductive and respiratory syndrome virus by RT-PCR using oral fluids. <i>Journal of Virological Methods</i> , 2017, 243, 190-195.	2.1	9
28	Next-generation sequencing as a tool for the study of Porcine reproductive and respiratory syndrome virus (PRRSV) macro- and micro- molecular epidemiology. <i>Veterinary Microbiology</i> , 2017, 209, 5-12.	1.9	6
29	Transmission of Porcine reproductive and respiratory syndrome virus 1 to and from vaccinated pigs in a one-to-one model. <i>Veterinary Microbiology</i> , 2017, 201, 18-25.	1.9	12
30	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). <i>Veterinary Research</i> , 2016, 47, 104.	3.0	6
31	Review on the transmission porcine reproductive and respiratory syndrome virus between pigs and farms and impact on vaccination. <i>Veterinary Research</i> , 2016, 47, 108.	3.0	137
32	Expression of Toll-like receptor 9 (TLR9) in the lungs and lymphoid tissue of pigs. <i>Veterinary Journal</i> , 2015, 203, 259-261.	1.7	1
33	Immunological Features of the Non-Structural Proteins of Porcine Reproductive and Respiratory Syndrome Virus. <i>Viruses</i> , 2015, 7, 873-886.	3.3	37
34	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. <i>Veterinary Microbiology</i> , 2015, 175, 7-16.	1.9	44
35	Temporal evolution and potential recombination events in PRRSV strains of Sonora Mexico. <i>Veterinary Microbiology</i> , 2014, 174, 540-546.	1.9	5
36	Phylogeny of Spanish swine influenza viruses isolated from respiratory disease outbreaks and evolution of swine influenza virus within an endemically infected farm. <i>Veterinary Microbiology</i> , 2014, 170, 266-277.	1.9	11

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37	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. <i>Veterinary Immunology and Immunopathology</i> , 2014, 158, 189-198.	1.2	24
38	Impact of genotype 1 and 2 of porcine reproductive and respiratory syndrome viruses on interferon- β responses by plasmacytoid dendritic cells. <i>Veterinary Research</i> , 2013, 44, 33.	3.0	44
39	Biosecurity practices in Spanish pig herds: Perceptions of farmers and veterinarians of the most important biosecurity measures. <i>Preventive Veterinary Medicine</i> , 2013, 110, 223-231.	1.9	54
40	Comparison of different vaccination schedules for sustaining the immune response against porcine reproductive and respiratory syndrome virus. <i>Veterinary Journal</i> , 2013, 197, 438-444.	1.7	16
41	Predicted Peptides from Non-Structural Proteins of Porcine Reproductive and Respiratory Syndrome Virus Are Able to Induce IFN- β and IL-10. <i>Viruses</i> , 2013, 5, 663-677.	3.3	38
42	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. <i>Viral Immunology</i> , 2013, 26, 93-101.	1.3	11
43	Comparison of two commercial enzyme-linked immunosorbent assays for the diagnosis of Porcine reproductive and respiratory syndrome virus infection. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012, 24, 344-348.	1.1	9
44	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. <i>Veterinary Immunology and Immunopathology</i> , 2012, 150, 128-132.	1.2	19
45	Immunology of porcine circovirus type 2 (PCV2). <i>Virus Research</i> , 2012, 164, 61-67.	2.2	75
46	Swine influenza virus infection dynamics in two pig farms; results of a longitudinal assessment. <i>Veterinary Research</i> , 2012, 43, 24.	3.0	56
47	Characterization of homologous and heterologous adaptive immune responses in porcine reproductive and respiratory syndrome virus infection. <i>Veterinary Research</i> , 2012, 43, 30.	3.0	80
48	Simultaneous Porcine Circovirus Type 2 and <i>Mycoplasma hyopneumoniae</i> Co-inoculation does not Potentiate Disease in Conventional Pigs. <i>Journal of Comparative Pathology</i> , 2012, 147, 285-295.	0.4	23
49	Subclinical porcine circovirus type 2 infection does not modulate the immune response to an Aujeszky's disease virus vaccine. <i>Veterinary Journal</i> , 2012, 194, 84-88.	1.7	6
50	One World, One Health: The Threat of Emerging and Re-Emerging Viral Infections of Pigs. <i>Transboundary and Emerging Diseases</i> , 2012, 59, 1-2.	3.0	8
51	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. <i>Veterinary Journal</i> , 2012, 193, 92-96.	1.7	64
52	Porcine reproductive and respiratory syndrome virus induces CD4 ⁺ CD8 ⁺ CD25 ⁺ Foxp3 ⁺ regulatory T cells (Tregs). <i>Virology</i> , 2012, 430, 73-80.	2.4	70
53	Apoptosis in postweaning multisystemic wasting syndrome (PMWS) hepatitis in pigs naturally infected with porcine circovirus type 2 (PCV2). <i>Veterinary Journal</i> , 2011, 189, 72-76.	1.7	20
54	Comparison of muscle fluid and serum for detection of antibodies against hepatitis E virus in slaughter pigs. <i>Veterinary Journal</i> , 2011, 190, 179-180.	1.7	7

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55	Commercial spray-dried porcine plasma does not transmit porcine circovirus type 2 in weaned pigs challenged with porcine reproductive and respiratory syndrome virus. <i>Veterinary Journal</i> , 2011, 190, e16-e20.	1.7	21
56	Seroprevalence and risk factors of swine influenza in Spain. <i>Veterinary Microbiology</i> , 2011, 149, 56-63.	1.9	42
57	Genetic and immunobiological diversities of porcine reproductive and respiratory syndrome genotype I strains. <i>Veterinary Microbiology</i> , 2011, 150, 49-62.	1.9	78
58	Cytokine profiles and phenotype regulation of antigen presenting cells by genotype-I porcine reproductive and respiratory syndrome virus isolates. <i>Veterinary Research</i> , 2011, 42, 9.	3.0	90
59	Wild raptors as carriers of antimicrobial-resistant <i>Salmonella</i> and <i>Campylobacter</i> strains. <i>Veterinary Record</i> , 2011, 168, 565-565.	0.3	48
60	Effect of a microencapsulated feed additive of lactic and formic acid on the prevalence of <i>Salmonella</i> in pigs arriving at the abattoir. <i>Archives of Animal Nutrition</i> , 2011, 65, 431-444.	1.8	19
61	Evaluation of the inclusion of a mixture of organic acids or lactulose into the feed of pigs experimentally challenged with <i>Salmonella Typhimurium</i> . <i>Veterinary Microbiology</i> , 2010, 142, 337-345.	1.9	36
62	Certainties, doubts and hypotheses in porcine reproductive and respiratory syndrome virus immunobiology. <i>Virus Research</i> , 2010, 154, 123-132.	2.2	115
63	Porcine circovirus type 2 (PCV2) Cap and Rep proteins are involved in the development of cell-mediated immunity upon PCV2 infection. <i>Veterinary Immunology and Immunopathology</i> , 2010, 137, 226-234.	1.2	49
64	Different feed withdrawal times before slaughter influence caecal fermentation and faecal <i>Salmonella</i> shedding in pigs. <i>Veterinary Journal</i> , 2009, 182, 469-473.	1.7	35
65	Evidence of widespread infection of avian hepatitis E virus (avian HEV) in chickens from Spain. <i>Veterinary Microbiology</i> , 2009, 137, 31-36.	1.9	66
66	Anti-HEV antibodies in domestic animal species and rodents from Spain using a genotype 3-based ELISA. <i>Veterinary Microbiology</i> , 2009, 137, 66-73.	1.9	59
67	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. <i>Vaccine</i> , 2009, 27, 4031-4037.	3.8	151
68	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. <i>Vaccine</i> , 2009, 27, 5603-5611.	3.8	68
69	Adjuvant effect of porcine chemokines on DNA vaccination of pigs. <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 328.	1.2	0
70	Development of cell-mediated immunity to porcine circovirus type 2 (PCV2) in caesarean-derived, colostrum-deprived piglets. <i>Veterinary Immunology and Immunopathology</i> , 2009, 129, 101-107.	1.2	81
71	Genetic characterization of the complete coding regions of genotype 3 hepatitis E virus isolated from Spanish swine herds. <i>Virus Research</i> , 2009, 139, 111-116.	2.2	25
72	Different fibrous ingredients and coarsely ground maize affect hindgut fermentation in the pig in vitro but not <i>Salmonella Typhimurium</i> survival. <i>Animal Feed Science and Technology</i> , 2009, 153, 141-152.	2.2	3

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73	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. <i>Canadian Journal of Veterinary Research</i> , 2009, 73, 308-12.	0.2	6
74	Epidemiological study of hepatitis E virus infection in European wild boars (<i>Sus scrofa</i>) in Spain. <i>Veterinary Microbiology</i> , 2008, 129, 163-170.	1.9	117
75	Distribution of hepatitis E virus infection and its prevalence in pigs on commercial farms in Spain. <i>Veterinary Journal</i> , 2008, 175, 130-132.	1.7	97
76	The challenge of PRRS immunology. <i>Veterinary Journal</i> , 2008, 177, 345-351.	1.7	269
77	Transient correlation between viremia levels and IL-10 expression in pigs subclinically infected with porcine circovirus type 2 (PCV2). <i>Research in Veterinary Science</i> , 2008, 84, 194-198.	1.9	48
78	Porcine circovirus type 2 (PCV2) vaccination of conventional pigs prevents viremia against PCV2 isolates of different genotypes and geographic origins. <i>Vaccine</i> , 2008, 26, 1063-1071.	3.8	176
79	Porcine circovirus type 2 (PCV2) viral components immunomodulate recall antigen responses. <i>Veterinary Immunology and Immunopathology</i> , 2008, 124, 41-49.	1.2	54
80	Antibody response of wild boar (<i>Sus scrofa</i>) piglets vaccinated against Aujeszky's disease virus. <i>Veterinary Record</i> , 2008, 162, 484-485.	0.3	6
81	Porcine circovirus type 2-induced interleukin-10 modulates recall antigen responses. <i>Journal of General Virology</i> , 2008, 89, 760-765.	2.9	68
82	Lack of In Vitro and In Vivo Effects of Lipopolysaccharide on Porcine Circovirus Type 2 Infection. <i>Viral Immunology</i> , 2007, 20, 541-552.	1.3	15
83	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
84	Effect of Acidified Feed on the Prevalence of Salmonella in Market-age Pigs. <i>Zoonoses and Public Health</i> , 2007, 54, 314-319.	2.2	69
85	Detection of hepatitis E virus in liver, mesenteric lymph node, serum, bile and faeces of naturally infected pigs affected by different pathological conditions. <i>Veterinary Microbiology</i> , 2007, 119, 105-114.	1.9	76
86	Association of hepatitis E virus (HEV) and postweaning multisystemic wasting syndrome (PMWS) with lesions of hepatitis in pigs. <i>Veterinary Microbiology</i> , 2007, 122, 16-24.	1.9	46
87	Detection of neutralizing antibodies in postweaning multisystemic wasting syndrome (PMWS)-affected and non-PMWS-affected pigs. <i>Veterinary Microbiology</i> , 2007, 125, 244-255.	1.9	142
88	Biosecurity measures on swine farms in Spain: Perceptions by farmers and their relationship to current on-farm measures. <i>Preventive Veterinary Medicine</i> , 2007, 82, 138-150.	1.9	80
89	Factors associated with routine mass antimicrobial usage in fattening pig units in a high pig-density area. <i>Veterinary Research</i> , 2007, 38, 481-492.	3.0	29
90	Evolution of ORF5 of Spanish porcine reproductive and respiratory syndrome virus strains from 1991 to 2005. <i>Virus Research</i> , 2006, 115, 198-206.	2.2	50

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91	Epidemiology of salmonella infections in pig units and antimicrobial susceptibility profiles of the strains of Salmonella species isolated. <i>Veterinary Record</i> , 2006, 159, 271-276.	0.3	31
92	Comparison of three ELISAs for the diagnosis of porcine reproductive and respiratory syndrome. <i>Veterinary Record</i> , 2006, 159, 717-717.	0.3	2
93	Immune responses of pigs after experimental infection with a European strain of Porcine reproductive and respiratory syndrome virus. <i>Journal of General Virology</i> , 2005, 86, 1943-1951.	2.9	178
94	Use of ELISPOT and ELISA to evaluate IFN- γ , IL-10 and IL-4 responses in conventional pigs. <i>Veterinary Immunology and Immunopathology</i> , 2005, 106, 107-112.	1.2	73
95	Apoptosis in lymphoid organs of pigs naturally infected by porcine circovirus type 2. <i>Journal of General Virology</i> , 2004, 85, 2837-2844.	2.9	50
96	Immunosuppression in postweaning multisystemic wasting syndrome affected pigs. <i>Veterinary Microbiology</i> , 2004, 98, 151-158.	1.9	129
97	Lack of an effect of a commercial vaccine adjuvant on the development of postweaning multisystemic wasting syndrome (PMWS) in porcine circovirus type 2 (PCV2) experimentally infected conventional pigs. <i>Veterinary Research</i> , 2004, 35, 83-90.	3.0	27
98	Haptoglobin and pig-major acute protein are increased in pigs with postweaning multisystemic wasting syndrome (PMWS). <i>Veterinary Research</i> , 2004, 35, 275-282.	3.0	43
99	Cytokine mRNA expression profiles in lymphoid tissues of pigs naturally affected by postweaning multisystemic wasting syndrome. <i>Journal of General Virology</i> , 2003, 84, 2117-2125.	2.9	106
100	Cytokine profiles of peripheral blood mononuclear cells from pigs with postweaning multisystemic wasting syndrome in response to mitogen, superantigen or recall viral antigens. <i>Journal of General Virology</i> , 2003, 84, 3453-3457.	2.9	83
101	Genetic diversity and phylogenetic analysis of glycoprotein 5 of European-type porcine reproductive and respiratory virus strains in Spain. <i>Journal of General Virology</i> , 2003, 84, 529-534.	2.9	78
102	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. <i>Vaccine Journal</i> , 2002, 9, 236-242.	3.1	50
103	Network analysis of pig movements in Argentina: identification of key farms in the spread of diseases and relationship with their biosecurity level. <i>Frontiers in Veterinary Science</i> , 0, 6, .	2.2	2