

Juan J Garrido-Pavon

List of Publications by Year in descending order

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67
papers

1,254
citations

471061

17
h-index

414034

32
g-index

72
all docs

72
docs citations

72
times ranked

2732
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Accessory Proteins in Viral Pathogenesis: Knowns and Unknowns. <i>Frontiers in Immunology</i> , 2021, 12, 708264.	2.2	204
2	Biological pathway analysis by ArrayUnlock and Ingenuity Pathway Analysis. <i>BMC Proceedings</i> , 2009, 3, S6.	1.8	135
3	Innate immune activation of swine intestinal epithelial cell lines (IPEC-J2 and IPI-2I) in response to LPS from <i>Salmonella typhimurium</i> . <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2010, 33, 161-174.	0.7	98
4	Quantitative analysis of the immune response upon <i>Salmonella typhimurium</i> infection along the porcine intestinal gut. <i>Veterinary Research</i> , 2010, 41, 23.	1.1	87
5	Live attenuated African swine fever viruses as ideal tools to dissect the mechanisms involved in viral pathogenesis and immune protection. <i>Veterinary Research</i> , 2015, 46, 135.	1.1	74
6	Early <i>Salmonella Typhimurium</i> infection in pigs disrupts Microbiome composition and functionality principally at the ileum mucosa. <i>Scientific Reports</i> , 2018, 8, 7788.	1.6	61
7	An in vivo proteomic study of the interaction between <i>Salmonella Typhimurium</i> and porcine ileum mucosa. <i>Journal of Proteomics</i> , 2012, 75, 2015-2026.	1.2	31
8	Methods for interpreting lists of affected genes obtained in a DNA microarray experiment. <i>BMC Proceedings</i> , 2009, 3, S5.	1.8	29
9	Transcriptional analysis of porcine intestinal mucosa infected with <i>Salmonella Typhimurium</i> revealed a massive inflammatory response and disruption of bile acid absorption in ileum. <i>Veterinary Research</i> , 2016, 47, 11.	1.1	29
10	Functional screenings reveal different requirements for host microRNAs in <i>Salmonella</i> and <i>Shigella</i> infection. <i>Nature Microbiology</i> , 2020, 5, 192-205.	5.9	25
11	Impact of <i>Varroa destructor</i> and associated pathologies on the colony collapse disorder affecting honey bees. <i>Research in Veterinary Science</i> , 2021, 135, 85-95.	0.9	24
12	Analysis of porcine peripheral blood mononuclear cells proteome by 2-DE and MS: Analytical and biological variability in the protein expression level and protein identification. <i>Proteomics</i> , 2006, 6, S215-S225.	1.3	22
13	Quantitative proteomics by 2-DE, ¹⁶ O/ ¹⁸ O labelling and linear ion trap mass spectrometry analysis of lymph nodes from piglets inoculated by porcine circovirus type 2. <i>Proteomics</i> , 2011, 11, 3452-3469.	1.3	22
14	Quantitative proteomics and bioinformatic analysis provide new insight into the dynamic response of porcine intestine to <i>Salmonella Typhimurium</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 64.	1.8	21
15	Exploring the immune response of porcine mesenteric lymph nodes to <i>Salmonella enterica</i> serovar Typhimurium: an analysis of transcriptional changes, morphological alterations and pathogen burden. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2013, 36, 149-160.	0.7	20
16	Proteomic analysis of intestinal mucosa responses to <i>Salmonella enterica</i> serovar typhimurium in naturally infected pig. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2014, 37, 59-67.	0.7	20
17	Proteomic analysis of porcine mesenteric lymph-nodes after <i>Salmonella typhimurium</i> infection. <i>Journal of Proteomics</i> , 2012, 75, 4457-4470.	1.2	19
18	Platelet activation studies with CD41/61 monoclonal antibodies. <i>Veterinary Immunology and Immunopathology</i> , 1996, 52, 357-362.	0.5	17

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19	MOLECULAR CLONING AND CHARACTERIZATION OF THE PIG HOMOLOGUE TO HUMAN CD29, THE INTEGRIN $\alpha 1$ SUBUNIT1. <i>Transplantation</i> , 2000, 70, 649-655.	0.5	17
20	Pyroptosis and adaptive immunity mechanisms are promptly engendered in mesenteric lymph-nodes during pig infections with <i>Salmonella enterica</i> serovar Typhimurium. <i>Veterinary Research</i> , 2013, 44, 120.	1.1	15
21	Regulatory role of microRNA in mesenteric lymph nodes after <i>Salmonella Typhimurium</i> infection. <i>Veterinary Research</i> , 2018, 49, 9.	1.1	15
22	Proteomic analysis of the porcine platelet proteome and alterations induced by thrombin activation. <i>Journal of Proteomics</i> , 2008, 71, 547-560.	1.2	14
23	Comparative proteomic analysis reveals different responses in porcine lymph nodes to virulent and attenuated homologous African swine fever virus strains. <i>Veterinary Research</i> , 2018, 49, 90.	1.1	14
24	<i>Salmonella Typhimurium</i> Infection Along the Porcine Gastrointestinal Tract and Associated Lymphoid Tissues. <i>Veterinary Pathology</i> , 2019, 56, 681-690.	0.8	14
25	Molecular cloning, chromosomal location, and expression analysis of porcine CD14. <i>Developmental and Comparative Immunology</i> , 2007, 31, 738-747.	1.0	12
26	Interaction between <i>Campylobacter</i> and intestinal epithelial cells leads to a different proinflammatory response in human and porcine host. <i>Veterinary Immunology and Immunopathology</i> , 2014, 162, 14-23.	0.5	12
27	Towards a global analysis of porcine alveolar macrophages proteins through two-dimensional electrophoresis and mass spectrometry. <i>Developmental and Comparative Immunology</i> , 2007, 31, 1220-1232.	1.0	11
28	Molecular characterization and expression analysis of the gene coding for the porcine $\alpha 23$ integrin subunit (CD61). <i>Gene</i> , 2008, 408, 9-17.	1.0	11
29	Comparative Proteomics Reveals Differences in Host-Pathogen Interaction between Infectious and Commensal Relationship with <i>Campylobacter jejuni</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 145.	1.8	11
30	Molecular cloning characterization and expression of porcine immunoreceptor SIRP α . <i>Developmental and Comparative Immunology</i> , 2007, 31, 307-318.	1.0	10
31	Innate and adaptive immune mechanisms are effectively induced in ileal Peyer's patches of <i>Salmonella typhimurium</i> infected pigs. <i>Developmental and Comparative Immunology</i> , 2013, 41, 100-104.	1.0	10
32	Intergenotypic effect of isopropanol ingestion in the further detoxification of ethanol and isopropanol in <i>Drosophila melanogaster</i> . <i>Heredity</i> , 1987, 59, 405-411.	1.2	9
33	Pathogen Challenge and Dietary Shift Alter Microbiota Composition and Activity in a Mucin-Associated in vitro Model of the Piglet Colon (MPigut-IVM) Simulating Weaning Transition. <i>Frontiers in Microbiology</i> , 2021, 12, 703421.	1.5	8
34	Molecular cloning, expression pattern and chromosomal mapping of pig CD9 antigen. <i>Cytogenetic and Genome Research</i> , 2003, 101, 143-146.	0.6	7
35	Molecular cloning, expression analysis and chromosome localization of the Tpt1 gene coding for the pig translationally controlled tumor protein (TCTP). <i>Molecular Biology Reports</i> , 2009, 36, 1957-1965.	1.0	7
36	Immunohistochemical distribution of the tetraspanin CD9 in normal porcine tissues. <i>Molecular Biology Reports</i> , 2011, 38, 1021-1028.	1.0	7

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37	Molecular analysis of lungs from pigs immunized with a mutant transferrin binding protein B-based vaccine and challenged with <i>Haemophilus parasuis</i> . <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 48, 69-78.	0.7	7
38	Comprehensive analysis of pig feces metabolome by chromatographic techniques coupled to mass spectrometry in high resolution mode: Influence of sample preparation on the identification coverage. <i>Talanta</i> , 2019, 199, 303-309.	2.9	7
39	Localization of porcine CD29 transcripts and protein in pig cells and tissues by RT-PCR and immunohistochemistry. <i>Veterinary Immunology and Immunopathology</i> , 2005, 104, 281-288.	0.5	6
40	Two cDNAs coding for the porcine CD51 (β v) integrin subunit: Cloning, expression analysis, adhesion assays and chromosomal localization. <i>Gene</i> , 2011, 481, 29-40.	1.0	6
41	Identification and Functional Characterization of Novel Genetic Variations in Porcine <i>TLR5</i> Promoter. <i>DNA and Cell Biology</i> , 2014, 33, 469-476.	0.9	6
42	Phenotypic and functional characterization of porcine bone marrow monocyte subsets. <i>Developmental and Comparative Immunology</i> , 2018, 81, 95-104.	1.0	6
43	Proteomic Approaches to Study the Pig Intestinal System. <i>Current Protein and Peptide Science</i> , 2014, 15, 89-99.	0.7	6
44	Time-series transcriptomic analysis of bronchoalveolar lavage cells from virulent and low virulent PRRSV-1-infected piglets. <i>Journal of Virology</i> , 2021, , JVI0114021.	1.5	6
45	Participation of <i>Drosophila melanogaster</i> alcohol dehydrogenase (ADH) in the detoxification of 1-pentene-3-ol and 1-pentene-3-one. <i>Heredity</i> , 1988, 61, 85-91.	1.2	5
46	Assignment of the CD59 gene to pig chromosome band 2p17-p14 with somatic cell hybrids. <i>Cytogenetic and Genome Research</i> , 1998, 83, 86-87.	0.6	5
47	Expression of CD61 (β 3 integrin subunit) on canine cells. <i>Platelets</i> , 2001, 12, 69-73.	1.1	5
48	Reprogramming of microRNA expression via E2F1 downregulation promotes <i>Salmonella</i> infection both in infected and bystander cells. <i>Nature Communications</i> , 2021, 12, 3392.	5.8	5
49	Tolerance to 1-pentene-3-ol and to 1-pentene-3-one in relation to alcohol dehydrogenase (ADH) and aldo keto reductase (AKR) activities in <i>Drosophila melanogaster</i> . <i>Biochemical Genetics</i> , 1990, 28, 513-522.	0.8	4
50	Localization of the tenascin-C gene to pig Chromosome 1. <i>Mammalian Genome</i> , 1995, 6, 221-221.	1.0	4
51	A new epitope on sheep CD45R molecule detected by a monoclonal antibody. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1999, 22, 125-136.	0.7	4
52	Molecular cloning and structural analysis of the porcine homologue to CD97 antigen. <i>Veterinary Immunology and Immunopathology</i> , 2003, 93, 107-115.	0.5	4
53	Three new polymorphic equine microsatellites: HLM2, HLM3, HLM5. <i>Animal Genetics</i> , 2009, 27, 215-215.	0.6	3
54	Gene expression pattern in swine neutrophils after lipopolysaccharide exposure: a time course comparison. <i>BMC Proceedings</i> , 2011, 5, S11.	1.8	3

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55	Study of microRNA expression in Salmonella Typhimurium-infected porcine ileum reveals miR-194a-5p as an important regulator of the TLR4-mediated inflammatory response. <i>Veterinary Research</i> , 2022, 53, .	1.1	3
56	A polymorphic microsatellite located on pig chromosome band 12p11-2/3p13, within the 3' UTR of the ITGB3 gene. <i>Animal Genetics</i> , 2002, 33, 239-240.	0.6	2
57	Analysis of Swine α 21 Integrin (CD29) Epitopes Through Monoclonal Antibodies Developed Using Two Immunization Strategies. <i>Hybridoma</i> , 2004, 23, 271-278.	0.6	2
58	Molecular cloning, characterization and gene expression of the full length cDNA encoding the porcine CD11b(I±M) and chromosomal localization of the porcine CD11a(I±L)â€“CD11b(I±M)â€“CD11b(I±D) gene cluster. <i>Veterinary Immunology and Immunopathology</i> , 2012, 145, 505-510.	0.5	2
59	CE method for analyzing <i>Salmonella typhimurium</i> in water samples. <i>Journal of Separation Science</i> , 2018, 41, 534-539.	1.3	2
60	Porcine sst1 can physically interact with other somatostatin receptors, and its expression is regulated by metabolic/inflammatory sensors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E483-E493.	1.8	1
61	Identification and functional characterization of polymorphisms in promoter sequences of porcine NOD1 and NOD2 genes. <i>Research in Veterinary Science</i> , 2019, 124, 310-316.	0.9	1
62	CD9 expression in porcine blood CD4+ T cells delineates two subsets with phenotypic characteristics of central and effector memory cells. <i>Developmental and Comparative Immunology</i> , 2022, 133, 104431.	1.0	1
63	Assignment of the CD47 gene to pig chromosome band 13q42â†’1/2q46 with somatic cell hybrids. <i>Cytogenetic and Genome Research</i> , 2002, 97, 276E-276E.	0.6	0
64	12 Role of CD-61 (Beta-3 Integrin) glycoprotein in colon carcinoma. <i>Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas</i> , 2002, , 227-235.	0.0	0
65	Assignment of porcine CD97 gene to the 1/2q21â†’q22 region of the pig chromosome 2 with somatic cell hybrids. <i>Cytogenetic and Genome Research</i> , 2003, 103, 203H-203H.	0.6	0
66	<i>Saccharomyces Cerevisiae</i> Var <i>Boulardii</i> CNCM Iâ€“1079 Reduces Expression of Genes Involved in Inflammatory Response in Porcine Cells Challenged by Enterotoxigenic <i>E. Coli</i> and Influences Bacterial Communities in an In Vitro Model of the Weaning Piglet Colon. <i>Antibiotics</i> , 2021, 10, 1101.	1.5	0
67	Identification of amino acid residues of OspA of <i>Borrelia</i> involved in binding to CD40 receptor. , 2013, , 107-111.		0