

Ana GutiÃ©rrez

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

883
citations

430754

18
h-index

501076

28
g-index

46
all docs

46
docs citations

46
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of an Automated Method for Salivary Alpha-Amylase Measurements in Pigs (<i>Sus Scrofa</i> Tj ETQq1 1 0.784314 rgBT /Ove Investigation, 2011, 23, 282-287.	0.5	68
2	Measurement of chromogranin A in porcine saliva: validation of a time-resolved immunofluorometric assay and evaluation of its application as a marker of acute stress. <i>Animal</i> , 2013, 7, 640-647.	1.3	59
3	Changes in saliva biomarkers of stress and immunity in domestic pigs exposed to a psychosocial stressor. <i>Research in Veterinary Science</i> , 2015, 102, 38-44.	0.9	59
4	Different stressors elicit different responses in the salivary biomarkers cortisol, haptoglobin, and chromogranin A in pigs. <i>Research in Veterinary Science</i> , 2014, 97, 124-128.	0.9	48
5	C-reactive protein quantification in porcine saliva: A minimally invasive test for pig health monitoring. <i>Veterinary Journal</i> , 2009, 181, 261-265.	0.6	47
6	Evaluation of an immunoassay for determination of haptoglobin concentration in various biological specimens from swine. <i>American Journal of Veterinary Research</i> , 2009, 70, 691-696.	0.3	42
7	Use of saliva for haptoglobin and C-reactive protein quantifications in porcine respiratory and reproductive syndrome affected pigs in field conditions. <i>Veterinary Immunology and Immunopathology</i> , 2009, 132, 218-223.	0.5	37
8	Response of salivary haptoglobin and serum amyloid A to social isolation and short road transport stress in pigs. <i>Research in Veterinary Science</i> , 2013, 95, 298-302.	0.9	35
9	Haptoglobin and C-reactive protein as biomarkers in the serum, saliva and meat juice of pigs experimentally infected with porcine reproductive and respiratory syndrome virus. <i>Veterinary Journal</i> , 2010, 185, 83-87.	0.6	34
10	Proteomic analysis of porcine saliva. <i>Veterinary Journal</i> , 2011, 187, 356-362.	0.6	33
11	Detection of potential markers for systemic disease in saliva of pigs by proteomics: A pilot study. <i>Veterinary Immunology and Immunopathology</i> , 2013, 151, 73-82.	0.5	32
12	Effect of repeated administration of lipopolysaccharide on inflammatory and stress markers in saliva of growing pigs. <i>Veterinary Journal</i> , 2014, 200, 393-397.	0.6	27
13	Saliva chromogranin A in growing pigs: A study of circadian patterns during daytime and stability under different storage conditions. <i>Veterinary Journal</i> , 2014, 199, 355-359.	0.6	27
14	Longitudinal analysis of acute-phase proteins in saliva in pig farms with different health status. <i>Animal</i> , 2012, 6, 321-326.	1.3	25
15	Validation of three commercially available immunoassays for quantification of IgA, IgG, and IgM in porcine saliva samples. <i>Research in Veterinary Science</i> , 2012, 93, 682-687.	0.9	25
16	Circadian pattern of acute phase proteins in the saliva of growing pigs. <i>Veterinary Journal</i> , 2013, 196, 167-170.	0.6	23
17	Serum acute phase proteins concentrations in dogs during experimentally short-term induced overweight. A preliminary study. <i>Research in Veterinary Science</i> , 2011, 90, 31-34.	0.9	20
18	Evaluation of changes in haptoglobin and C-reactive protein concentrations caused by freezing of saliva and meat juice samples collected from healthy and diseased pigs. <i>American Journal of Veterinary Research</i> , 2011, 72, 11-17.	0.3	19

#	ARTICLE	IF	CITATIONS
19	Host-pathogen interplay at primary infection sites in pigs challenged with <i>Actinobacillus pleuropneumoniae</i> . <i>BMC Veterinary Research</i> , 2016, 13, 64.	0.7	19
20	Easy and non-invasive disease detection in pigs by adenosine deaminase activity determinations in saliva. <i>PLoS ONE</i> , 2017, 12, e0179299.	1.1	17
21	Why working with porcine circulating serum amyloid A is a pig of a job. <i>Journal of Theoretical Biology</i> , 2013, 317, 119-125.	0.8	13
22	Towards a better understanding of salivary and meat juice acute phase proteins determination in pigs: An expression study. <i>Veterinary Immunology and Immunopathology</i> , 2013, 156, 91-98.	0.5	13
23	A Proteomic Approach To Porcine Saliva. <i>Current Protein and Peptide Science</i> , 2014, 15, 56-63.	0.7	13
24	Gender influence on the salivary protein profile of finishing pigs. <i>Journal of Proteomics</i> , 2018, 178, 107-113.	1.2	13
25	Fast measurement of serum amyloid A in different specimens from swine by using a new one-step time-resolved fluorescent immunoassay. <i>Journal of Veterinary Diagnostic Investigation</i> , 2011, 23, 902-908.	0.5	12
26	Serum amyloid A measurements in saliva and serum in growing pigs affected by porcine respiratory and reproductive syndrome in field conditions. <i>Research in Veterinary Science</i> , 2012, 93, 1266-1270.	0.9	12
27	A multi-herd study shows that saliva is more than a reflection of serum biomarkers in pigs. <i>Animal</i> , 2021, 15, 100413.	1.3	12
28	A proteomic analysis of serum from dogs before and after a controlled weight-loss program. <i>Domestic Animal Endocrinology</i> , 2012, 43, 271-277.	0.8	10
29	Porcine Breed, Sex, and Production Stage Influence the Levels of Health Status Biomarkers in Saliva Samples. <i>Frontiers in Veterinary Science</i> , 2019, 6, 32.	0.9	10
30	C-reactive protein measurements in meat juice of pigs. <i>Veterinary Immunology and Immunopathology</i> , 2008, 122, 250-255.	0.5	8
31	Application of acute phase protein measurements in meat extract collected during routine veterinary inspection at abattoirs. <i>Research in Veterinary Science</i> , 2015, 101, 75-79.	0.9	8
32	Towards Understanding Non-Infectious Growth-Rate Retardation in Growing Pigs. <i>Proteomes</i> , 2019, 7, 31.	1.7	8
33	Analytical characterization of trace elements (zinc, copper, cadmium, lead and selenium) in saliva of pigs under common pathological conditions in the field: a pilot study. <i>BMC Veterinary Research</i> , 2020, 16, 27.	0.7	8
34	Local identification of porcine haptoglobin in salivary gland and diaphragmatic muscle tissues. <i>Histology and Histopathology</i> , 2012, 27, 187-96.	0.5	8
35	Influence of different sample preparation strategies on the proteomic identification of stress biomarkers in porcine saliva. <i>BMC Veterinary Research</i> , 2017, 13, 375.	0.7	7
36	Development and validation of a novel competitive ELISA for the detection of serum amyloid A in pigs. <i>Veterinary Journal</i> , 2011, 190, e7-e11.	0.6	6

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37	Diagnostic accuracy of porcine acute phase proteins in meat juice for detecting disease at abattoir. <i>Veterinary Record</i> , 2015, 177, 15-15.	0.2	6
38	The Connection Between Stress and Immune Status in Pigs: A First Salivary Analytical Panel for Disease Differentiation. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	6
39	Detection and first characterization of an uncommon haptoglobin in porcine saliva of pigs with rectal prolapse by using boronic acid sample enrichment. <i>Animal</i> , 2017, 11, 845-853.	1.3	5
40	Dual-label time-resolved fluoroimmunoassay for simultaneous quantification of haptoglobin and C-reactive protein in meat juice from pigs. <i>Canadian Journal of Veterinary Research</i> , 2012, 76, 136-42.	0.2	4
41	Porcine salivary analysis by 2-dimensional gel electrophoresis in 3 models of acute stress: a pilot study. <i>Canadian Journal of Veterinary Research</i> , 2014, 78, 127-32.	0.2	3
42	Serum Total Sialic Acid in Pigs: New Possibilities for an Old Inflammatory Biomarker. <i>Journal of Veterinary Diagnostic Investigation</i> , 2008, 20, 799-803.	0.5	1
43	The Use of Proteomics to Study Biomarkers of Stress and Welfare in Farm Animals. , 2018, , 339-360.		1
44	Editorial: Factors Influencing Biomarker Range Intervals in Farm Animals. <i>Frontiers in Veterinary Science</i> , 2020, 7, 587741.	0.9	0
45	Editorial: Factors Influencing Biomarker Range Intervals in Farm Animals. <i>Frontiers in Veterinary Science</i> , 2020, 7, 587741.	0.9	0