

Isabel Hennig-Pauka

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49 papers	611 citations	14 h-index	23 g-index
58 ext. papers	855 ext. citations	3.5 avg, IF	3.76 L-index

#	Paper	IF	Citations
49	Metabolism of the masked mycotoxin deoxynivalenol-3-glucoside in pigs. <i>Toxicology Letters</i> , 2014 , 229, 190-7	4.4	116
48	Update on Actinobacillus pleuropneumoniae-knowledge, gaps and challenges. <i>Transboundary and Emerging Diseases</i> , 2018 , 65 Suppl 1, 72-90	4.2	75
47	Gnotobiotic piglets develop thrombotic microangiopathy after oral infection with enterohemorrhagic Escherichia coli. <i>American Journal of Clinical Pathology</i> , 2002 , 118, 364-75	1.9	48
46	Neutrophil extracellular trap formation in the Streptococcus suis-infected cerebrospinal fluid compartment. <i>Cellular Microbiology</i> , 2017 , 19, e12649	3.9	42
45	Modelled performance of energy saving air treatment devices to mitigate heat stress for confined livestock buildings in Central Europe. <i>Biosystems Engineering</i> , 2017 , 164, 85-97	4.8	26
44	Impact of global warming on the odour and ammonia emissions of livestock buildings used for fattening pigs. <i>Biosystems Engineering</i> , 2018 , 175, 106-114	4.8	20
43	Degraded neutrophil extracellular traps promote the growth of Actinobacillus pleuropneumoniae. <i>Cell Death and Disease</i> , 2019 , 10, 657	9.8	19
42	Differential proteomic analysis reveals increased cathelicidin expression in porcine bronchoalveolar lavage fluid after an Actinobacillus pleuropneumoniae infection. <i>Veterinary Research</i> , 2006 , 37, 75-87	3.8	19
41	Current challenges in the diagnosis of zearalenone toxicosis as illustrated by a field case of hyperestrogenism in suckling piglets. <i>Porcine Health Management</i> , 2018 , 4, 18	3.5	18
40	Impacts of global warming on confined livestock systems for growing-fattening pigs: simulation of heat stress for 1981 to 2017 in Central Europe. <i>International Journal of Biometeorology</i> , 2019 , 63, 221-230	3.7	17
39	Global warming impact on confined livestock in buildings: efficacy of adaptation measures to reduce heat stress for growing-fattening pigs. <i>Climatic Change</i> , 2019 , 156, 567-587	4.5	16
38	PR-39, a porcine host defence peptide, is prominent in mucosa and lymphatic tissue of the respiratory tract in healthy pigs and pigs infected with Actinobacillus pleuropneumoniae. <i>BMC Research Notes</i> , 2012 , 5, 539	2.3	16
37	Frequency of Th17 cells correlates with the presence of lung lesions in pigs chronically infected with Actinobacillus pleuropneumoniae. <i>Veterinary Research</i> , 2017 , 48, 4	3.8	15
36	Early Parenteral Administration of Ceftiofur has Gender-Specific Short- and Long-Term Effects on the Fecal Microbiota and Growth in Pigs from the Suckling to Growing Phase. <i>Animals</i> , 2019 , 10,	3.1	14
35	Actinobacillus pleuropneumoniae challenge in swine: diagnostic of lung alterations by infrared thermography. <i>BMC Veterinary Research</i> , 2014 , 10, 199	2.7	13
34	Host-pathogen interplay at primary infection sites in pigs challenged with Actinobacillus pleuropneumoniae. <i>BMC Veterinary Research</i> , 2017 , 13, 64	2.7	13
33	Characterization of two Austrian porcine reproductive and respiratory syndrome virus (PRRSV) field isolates reveals relationship to East Asian strains. <i>Veterinary Research</i> , 2016 , 47, 17	3.8	11

32	Establishment of a quantitative real-time PCR for the detection of <i>Pneumocystis carinii</i> f. sp. suis in bronchoalveolar lavage samples from pigs. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016 , 28, 257-62 ¹⁵	9
31	Soaking in lactic acid lowers the phytate-phosphorus content and increases the resistant starch in wheat and corn grains. <i>Animal Feed Science and Technology</i> , 2019 , 252, 115-125	3 8
30	Role of Bacterial and Host DNases on Host-Pathogen Interaction during Meningitis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3 8
29	Comparison of clinical and immunological findings in gnotobiotic piglets infected with O104:H4 outbreak strain and EHEC O157:H7. <i>Gut Pathogens</i> , 2017 , 9, 30	5.4 7
28	Efficacy of adaptation measures to alleviate heat stress in confined livestock buildings in temperate climate zones. <i>Biosystems Engineering</i> , 2020 , 200, 157-175	4.8 7
27	Phenotypic antimicrobial resistance in <i>Escherichia coli</i> strains isolated from swine husbandries in North Western Germany - temporal patterns in samples from laboratory practice from 2006 to 2017. <i>BMC Veterinary Research</i> , 2020 , 16, 37	2.7 6
26	Efficacy of vaccination of 3-week-old piglets with Circovac [®] against porcine circovirus diseases (PCVD). <i>Trials in Vaccinology</i> , 2013 , 2, 1-9	6
25	The Effect of Climate Change-Induced Temperature Increase on Performance and Environmental Impact of Intensive Pig Production Systems. <i>Sustainability</i> , 2020 , 12, 9442	3.6 6
24	<i>Actinobacillus pleuropneumoniae</i> triggers IL-10 expression in tonsils to mediate colonisation and persistence of infection in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2018 , 205, 17-23	2 6
23	Comparison of metabolic adaptation and biofilm formation of <i>Actinobacillus pleuropneumoniae</i> field isolates from the upper and lower respiratory tract of swine with respiratory disease. <i>Veterinary Microbiology</i> , 2020 , 240, 108532	3.3 5
22	Haptoglobin and C-Reactive Protein-Non-specific Markers for Nursery Conditions in Swine. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 92	3.1 4
21	Climate change impact on the dispersion of airborne emissions and the resulting separation distances to avoid odour annoyance. <i>Atmospheric Environment: X</i> , 2019 , 2, 100021	2.8 4
20	Comparison of <i>Pneumocystis</i> nucleic acid and antibody profiles and their associations with other respiratory pathogens in two Austrian pig herds. <i>PLoS ONE</i> , 2017 , 12, e0185387	3.7 4
19	Effect of Early-Life Treatment of Piglets with Long-Acting Ceftiofur on Colonization of <i>Streptococcus suis</i> Serotype 7 and Elicitation of Specific Humoral Immunity in a Farm Dealing with Streptococcal Diseases. <i>Pathogens</i> , 2018 , 7,	4.5 4
18	From Stable to Lab-Investigating Key Factors for Sudden Deaths Caused by. <i>Pathogens</i> , 2019 , 8,	4.5 4
17	Use of Three Air Samplers for the Detection of PRRSV-1 under Experimental and Field Conditions. <i>Animals</i> , 2018 , 8,	3.1 4
16	Economic Risk Assessment by Weather-Related Heat Stress Indices for Confined Livestock Buildings: A Case Study for Fattening Pigs in Central Europe. <i>Agriculture (Switzerland)</i> , 2021 , 11, 122	3 3
15	Treatment With Probiotic Bacteria Does Not Diminish the Impact of a Challenge in Suckling Piglets. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 313	3.1 3

14	Dietary Phytase and Lactic Acid-Treated Cereal Grains Differently Affected Calcium and Phosphorus Homeostasis from Intestinal Uptake to Systemic Metabolism in a Pig Model. <i>Nutrients</i> , 2020 , 12,	6.7	2
13	Development and Validation of a Loop-Mediated Isothermal Amplification (LAMP) Assay for Rapid Detection of (). <i>Microorganisms</i> , 2020 , 9,	4.9	2
12	Fogging low concentrated organic acid in a fattening pig unit - Effect on animal health and microclimate. <i>Annals of Agricultural and Environmental Medicine</i> , 2016 , 23, 581-586	1.4	2
11	Influence of age, group size and the presence of porcine reproductive and respiratory syndrome virus on the collection of oral fluids. <i>Veterinary Journal</i> , 2019 , 244, 13-15	2.5	2
10	Stochastic Assessment of the Economic Impact of -Associated Disease in German, Dutch and Spanish Swine Farms. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 676002	3.1	2
9	Exudative Epidermitis in Combination with Staphylococcal Pyoderma in Suckling Piglets. <i>Antibiotics</i> , 2021 , 10,	4.9	1
8	Coinfections and Phenotypic Antimicrobial Resistance in Strains Isolated From Diseased Swine in North Western Germany-Temporal Patterns in Samples From Routine Laboratory Practice From 2006 to 2020.. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 802570	3.1	0
7	Comparison of Protectivity and Safety of Two Vaccines against <i>Actinobacillus pleuropneumoniae</i> in a Field Study. <i>Agriculture (Switzerland)</i> , 2021 , 11, 1143	3	0
6	Lameness in fattening pigs - <i>Mycoplasma hyosynoviae</i> , osteochondropathy and reduced dietary phosphorus level as three influencing factors: a case report. <i>Porcine Health Management</i> , 2020 , 6, 41	3.5	0
5	Evaluation of serum parameters to predict the dietary intake of calcium and available phosphorus in growing pigs. <i>Translational Animal Science</i> , 2021 , 5, txab059	1.4	0
4	Ongoing challenges posed by the infection dynamics of porcine circovirus 2. <i>Veterinary Record</i> , 2019 , 184, 186-188	0.9	
3	Reduction of the Economic Risk by Adaptation Measures to Alleviate Heat Stress in Confined Buildings for Growing-Fattening Pigs Modelled by a Projection for Central Europe in 2030. <i>Agronomy</i> , 2022 , 12, 248	3.6	
2	Development of a loop-mediated isothermal amplification (LAMP) assay for molecular identification of <i>Trueperella abortus</i> isolated from pigs.. <i>Molecular and Cellular Probes</i> , 2022 , 62, 101793	3.3	
1	Congenital Myofibroblastic Skin Tumours in a Newborn Piglet Resembling the Multicentric Form of Infantile Myofibromatosis. <i>Journal of Comparative Pathology</i> , 2021 , 186, 13-17	1	