

Birger Puppe

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,933
citations

147801

31
h-index

182427

51
g-index

81
all docs

81
docs citations

81
times ranked

1794
citing authors

#	ARTICLE	IF	CITATIONS
1	Vocalization of farm animals as a measure of welfare. <i>Applied Animal Behaviour Science</i> , 2004, 88, 163-182.	1.9	286
2	Consequences of repeated early isolation in domestic piglets (<i>Sus scrofa</i>) on their behavioural, neuroendocrine, and immunological responses. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 35-45.	4.1	166
3	The emergence of emotional lateralization: Evidence in non-human vertebrates and implications for farm animals. <i>Applied Animal Behaviour Science</i> , 2013, 145, 1-14.	1.9	131
4	Effects of social status after mixing on immune, metabolic, and endocrine responses in pigs. <i>Physiology and Behavior</i> , 1998, 64, 353-360.	2.1	111
5	Personality Research in Mammalian Farm Animals: Concepts, Measures, and Relationship to Welfare. <i>Frontiers in Veterinary Science</i> , 2018, 5, 131.	2.2	111
6	Cognitive enrichment affects behavioural reactivity in domestic pigs. <i>Applied Animal Behaviour Science</i> , 2007, 105, 75-86.	1.9	106
7	Analysing dominance relationships by sociometric methods—a plea for a more standardised and precise approach in farm animals. <i>Applied Animal Behaviour Science</i> , 2004, 87, 293-315.	1.9	101
8	Castration-induced vocalisation in domestic piglets, <i>Sus scrofa</i> : Complex and specific alterations of the vocal quality. <i>Applied Animal Behaviour Science</i> , 2005, 95, 67-78.	1.9	94
9	Autonomic reactions indicating positive affect during acoustic reward learning in domestic pigs. <i>Animal Behaviour</i> , 2011, 81, 481-489.	1.9	80
10	Agonistic behaviour after mixing in pigs under commercial farm conditions. <i>Applied Animal Behaviour Science</i> , 2011, 129, 28-35.	1.9	80
11	Differential vocal responses to physical and mental stressors in domestic pigs (<i>Sus scrofa</i>). <i>Applied Animal Behaviour Science</i> , 2008, 114, 105-115.	1.9	77
12	Degree of social isolation affects behavioural and vocal response patterns in dwarf goats (<i>Capra</i>) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 3	1.9	70
13	A complex automatic feeding system for pigs aimed to induce successful behavioural coping by cognitive adaptation. <i>Applied Animal Behaviour Science</i> , 2005, 91, 205-218.	1.9	69
14	Effects of cognitive enrichment on behavioural and physiological reactions of pigs. <i>Physiology and Behavior</i> , 2013, 118, 70-79.	2.1	69
15	Effects of familiarity and relatedness on agonistic pair relationships in newly mixed domestic pigs. <i>Applied Animal Behaviour Science</i> , 1998, 58, 233-239.	1.9	66
16	Effects of postnatal social isolation on hormonal and immune responses of pigs to an acute endotoxin challenge. <i>Physiology and Behavior</i> , 2004, 82, 503-511.	2.1	56
17	Linear prediction coding analysis and self-organizing feature map as tools to classify stress calls of domestic pigs (<i>Sus scrofa</i>). <i>Journal of the Acoustical Society of America</i> , 2001, 110, 1425-1431.	1.1	54
18	Social support attenuates the adverse consequences of social deprivation stress in domestic piglets. <i>Hormones and Behavior</i> , 2014, 65, 203-210.	2.1	47

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19	Vocal correlates of emotional reactivity within and across contexts in domestic pigs (<i>Sus scrofa</i>). <i>Physiology and Behavior</i> , 2017, 181, 117-126.	2.1	46
20	The backtest in pigs revisited – An analysis of intra-situational behaviour. <i>Applied Animal Behaviour Science</i> , 2015, 169, 17-25.	1.9	45
21	Behavioural and physiological measures indicate subtle variations in the emotional valence of young pigs. <i>Physiology and Behavior</i> , 2016, 157, 116-124.	2.1	44
22	Physiological and behavioral effects of different success during social confrontation in pigs with prior dominance experience. <i>Physiology and Behavior</i> , 2002, 75, 127-133.	2.1	42
23	A design for studies on cognitive bias in the domestic pig. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2013, 8, 485-489.	1.2	42
24	Behavioural and cardiac responses towards conspecific distress calls in domestic pigs (<i>Sus scrofa</i>). <i>Physiology and Behavior</i> , 2011, 103, 445-452.	2.1	38
25	Early social isolation alters behavioral and physiological responses to an endotoxin challenge in piglets. <i>Hormones and Behavior</i> , 2006, 50, 753-761.	2.1	37
26	Changes in endocrine and immune responses of neonatal pigs exposed to a psychosocial stressor. <i>Research in Veterinary Science</i> , 2009, 87, 380-388.	1.9	37
27	Vocalisation of domestic pigs (<i>Sus scrofa domestica</i>) as an indicator for their adaptation towards ambient temperatures. <i>Applied Animal Behaviour Science</i> , 2004, 89, 195-206.	1.9	36
28	Repeated administrations of adrenocorticotrophic hormone during gestation in gilts: Effects on growth, behaviour and immune responses of their piglets. <i>Livestock Science</i> , 2007, 106, 261-270.	1.6	34
29	A comparative view on social hierarchy formation at different stages of pig production using sociometric measures. <i>Livestock Science</i> , 2008, 113, 155-162.	1.6	34
30	Describing Temperament in an Ungulate: A Multidimensional Approach. <i>PLoS ONE</i> , 2013, 8, e74579.	2.5	34
31	Increasing farm animal welfare by positively motivated instrumental behaviour. <i>Applied Animal Behaviour Science</i> , 2009, 118, 191-198.	1.9	33
32	The backtest in pigs revisited – Inter-situational behaviour and animal classification. <i>Applied Animal Behaviour Science</i> , 2017, 194, 7-13.	1.9	32
33	COMMON FEATURES AND INDIVIDUAL DIFFERENCES IN NURSE GRUNTING OF DOMESTIC PIGS (<i>SUS SCROFA</i>): A MULTI-PARAMETRIC ANALYSIS. <i>Behaviour</i> , 1999, 136, 49-66.	0.8	30
34	Long-term cognitive enrichment affects opioid receptor expression in the amygdala of domestic pigs. <i>Genes, Brain and Behavior</i> , 2010, 9, 75-83.	2.2	30
35	Integrated Genome-wide association and hypothalamus eQTL studies indicate a link between the circadian rhythm-related gene <i>PER1</i> and coping behavior. <i>Scientific Reports</i> , 2015, 5, 16264.	3.3	29
36	Serotonin depletion induces pessimistic-like behavior in a cognitive bias paradigm in pigs. <i>Physiology and Behavior</i> , 2017, 174, 18-26.	2.1	29

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37	Impact of structural and cognitive enrichment on the learning performance, behavior and physiology of dwarf goats (<i>Capra aegagrus hircus</i>). <i>Applied Animal Behaviour Science</i> , 2016, 177, 34-41.	1.9	28
38	Assessing animal individuality: links between personality and laterality in pigs. <i>Environmental Epigenetics</i> , 2019, 65, 541-551.	1.8	25
39	Self-controlled visual discrimination learning of group-housed dwarf goats (<i>Capra hircus</i>): Behavioral strategies and effects of relocation on learning and memory.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2006, 120, 58-66.	0.5	23
40	Coping Style of Pigs Is Associated With Different Behavioral, Neurobiological and Immune Responses to Stressful Challenges. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 173.	2.0	23
41	The Fight-Or-Flight Response Is Associated with PBMC Expression Profiles Related to Immune Defence and Recovery in Swine. <i>PLoS ONE</i> , 2015, 10, e0120153.	2.5	21
42	An improved design for the spatial judgement task in domestic pigs. <i>Applied Animal Behaviour Science</i> , 2017, 187, 23-30.	1.9	20
43	Altered Immunomodulation by Glucocorticoids in Neonatal Pigs Exposed to a Psychosocial Stressor. <i>Pediatric Research</i> , 2010, 68, 473-478.	2.3	19
44	Effects of Elevated Grids on Growing Male Chickens Differing in Growth Performance. <i>Frontiers in Veterinary Science</i> , 2019, 6, 203.	2.2	19
45	The cognitive capabilities of farm animals: categorisation learning in dwarf goats (<i>Capra hircus</i>). <i>Animal Cognition</i> , 2012, 15, 567-576.	1.8	18
46	Coping Style Modifies General and Affective Autonomic Reactions of Domestic Pigs in Different Behavioral Contexts. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 103.	2.0	18
47	Social support modulates splenocyte glucocorticoid sensitivity in piglets exposed to social deprivation stress. <i>Physiology and Behavior</i> , 2014, 131, 25-32.	2.1	17
48	The influence of domestic piglets' (<i>Sus scrofa</i>) age and test experience on the preference for the replayed maternal nursing vocalisation in a modified open-field test. <i>Acta Ethologica</i> , 2003, 5, 123-129.	0.9	16
49	Heritabilities of agonistic behavioural traits in pigs and their relationships within and between different age groups. <i>Livestock Science</i> , 2012, 149, 25-32.	1.6	16
50	Effects of social support on glucocorticoid sensitivity of lymphocytes in socially deprived piglets. <i>Stress</i> , 2016, 19, 325-332.	1.8	16
51	Assessment of personality types in Nigerian dwarf goats (<i>Capra hircus</i>) and cross-context correlations to behavioural and physiological responses. <i>Applied Animal Behaviour Science</i> , 2019, 217, 28-35.	1.9	16
52	Social Support Modulates Stress-Related Gene Expression in Various Brain Regions of Piglets. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 227.	2.0	15
53	Psychosocial stress sensitizes neuroendocrine and inflammatory responses to <i>Escherichia coli</i> challenge in domestic piglets. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 274-287.	4.1	15
54	Affective styles and emotional lateralization: A promising framework for animal welfare research. <i>Applied Animal Behaviour Science</i> , 2021, 237, 105279.	1.9	15

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55	Age-related changes in corticosteroid receptor expression and monoamine neurotransmitter concentrations in various brain regions of postnatal pigs. <i>Journal of Neuroscience Research</i> , 2011, 89, 1134-1141.	2.9	14
56	Vocalization as an indicator of estrus climax in Holstein heifers during natural estrus and superovulation. <i>Journal of Dairy Science</i> , 2018, 101, 2383-2394.	3.4	14
57	Behavioural lateralization in domestic pigs (<i>Sus scrofa</i>) – variations between motor functions and individuals. <i>Laterality</i> , 2018, 23, 576-598.	1.0	13
58	A SOUND ANALYSIS SYSTEM BASED ON LABVIEW® APPLIED TO THE ANALYSIS OF SUCKLING GRUNTS OF DOMESTIC PIGS <i>SUS SCROFA</i> . <i>Bioacoustics</i> , 1998, 9, 119-133.	1.7	11
59	Visual laterality in pigs: monocular viewing influences emotional reactions in pigs. <i>Animal Behaviour</i> , 2019, 154, 183-192.	1.9	11
60	Influence of immunisation against GnRF on agonistic and mounting behaviour, serum testosterone concentration and body weight in male pigs compared with boars and barrows. <i>Applied Animal Behaviour Science</i> , 2012, 138, 28-35.	1.9	10
61	Dietary tryptophan supplementation and affective state in pigs. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2017, 20, 82-90.	1.2	9
62	Better, Not Just More – Contrast in Qualitative Aspects of Reward Facilitates Impulse Control in Pigs. <i>Frontiers in Psychology</i> , 2018, 9, 2099.	2.1	8
63	Voluntary locomotor activity promotes myogenic growth potential in domestic pigs. <i>Scientific Reports</i> , 2018, 8, 2533.	3.3	7
64	Transcriptome profiles of hypothalamus and adrenal gland linked to haplotype related to coping behavior in pigs. <i>Scientific Reports</i> , 2019, 9, 13038.	3.3	7
65	Conditionability of “voluntary” and “reflexive-like” behaviors, with special reference to elimination behavior in cattle. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 115, 5-12.	6.1	7
66	Surgical implantation and functional assessment of an invasive telemetric system to measure autonomic responses in domestic pigs. <i>Veterinary Journal</i> , 2016, 207, 140-146.	1.7	6
67	Learned control of urinary reflexes in cattle to help reduce greenhouse gas emissions. <i>Current Biology</i> , 2021, 31, R1033-R1034.	3.9	6
68	Haplotypes of coping behavior associated QTL regions reveal distinct transcript profiles in amygdala and hippocampus. <i>Behavioural Brain Research</i> , 2019, 372, 112038.	2.2	5
69	How Can Cattle Be Toilet Trained? Incorporating Reflexive Behaviours into a Behavioural Chain. <i>Animals</i> , 2020, 10, 1889.	2.3	5
70	Comment on “Ducklings imprint on the relational concept of ‘same or different’”. <i>Science</i> , 2017, 355, 806-806.	12.6	4
71	Hemispheric Specialization for Processing the Communicative and Emotional Content of Vocal Communication in a Social Mammal, the Domestic Pig. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 596758.	2.0	4
72	The effect of age on discrimination learning and self-control in a marshmallow test for pigs. <i>Scientific Reports</i> , 2021, 11, 18287.	3.3	3

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73	Interchangeability of Electrocardiography and Blood Pressure Measurement for Determining Heart Rate and Heart Rate Variability in Free-Moving Domestic Pigs in Various Behavioral Contexts. Frontiers in Veterinary Science, 2015, 2, 52.	2.2	1
74	Personality traits affect learning performance in dwarf goats (Capra hircus). Frontiers in Veterinary Science, 0, 9, .	2.2	1
75	Swine Cognition. , 2022, , 6802-6809.		0