Adroaldo JosÃ© Zanella

List of Publications by Year
in descending order

90 papers	2,830 citations	159585 30 h-index	189892 50 g-index
93 all docs	93 docs citations	93 times ranked	2165 citing authors

#	Article	IF	Citations
1	Physiological and reproductive correlates of behavioural strategies in female domestic pigs. Animal Behaviour, 1992, 44, 1107-1121.	1.9	224
2	Behavioral and physiological responses of horses to initial training: the comparison between pastured versus stalled horses. Applied Animal Behaviour Science, 2002, 78, 235-252.	1.9	121
3	Influence of housing on weanling horse behavior and subsequent welfare. Applied Animal Behaviour Science, 2002, 78, 291-302.	1.9	112
4	A comparison of the welfare of sows in different housing conditions. Animal Science, 1995, 61, 369-385.	1.3	109
5	Dairy farmer attitudes and empathy toward animals are associated with animal welfare indicators. Journal of Dairy Science, 2010, 93, 2998-3006.	3.4	108
6	Assessing attitudes toward farm animal welfare: A national survey of animal science faculty members1. Journal of Animal Science, 2004, 82, 2806-2814.	0.5	102
7	Prevalence and risk factors for skin lesions on legs of dairy cattle housed in freestalls in Norway. Journal of Dairy Science, 2009, 92, 5487-5496.	3.4	85
8	The Relationship between Empathy, Perception of Pain and Attitudes toward Pets among Norwegian Dog Owners. Anthrozoos, 2010, 23, 231-243.	1.4	85
9	Effects of early weaning and social isolation on the expression of glucocorticoid and mineralocorticoid receptor and 11Î²-hydroxysteroid dehydrogenase 1 and 2 mRNAs in the frontal cortex and hippocampus of piglets. Brain Research, 2006, 1067, 36-42.	2.2	84
10	Brain opioid receptors in relation to stereotypies, inactivity, and housing in sows. Physiology and Behavior, 1996, 59, 769-775.	2.1	78
11	Validation of a temperament test for domestic cats. Anthrozoos, 2003, 16, 332-351.	1.4	71
12	Exploring non-invasive methods to assess pain in sheep. Physiology and Behavior, 2009, 98, 640-648.	2.1	71
13	AN ENZYME-LINKED IMMUNOSORBENT ASSAY FOR CORTISOL IN THE SALIVA OF MAN AND DOMESTIC FARM ANIMALS. Journal of Endocrinology, 1989, 123, R13-R16.	2.6	66
14	Stakeholder attitudes toward farm animal welfare. Anthrozoos, 2006, 19, 290-307.	1.4	62
15	Trace classical conditioning as an approach to the study of reward-related behaviour in laying hens: A methodological study. Applied Animal Behaviour Science, 2009, 121, 171-178.	1.9	59
16	Results of a national survey of US veterinary college faculty regarding attitudes toward farm animal welfare. Journal of the American Veterinary Medical Association, 2005, 226, 1538-1546.	0.5	57
17	Effects of short-term maternal separations on weaning stress in foals. Applied Animal Behaviour Science, 2005, 91, 321-335.	1.9	54
18	Maternal Catecholamine Levels in Midpregnancy and Risk of Preterm Delivery. American Journal of Epidemiology, 2009, 170, 1014-1024.	3.4	46

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19	The effects of transport stress on tiger physiology and behavior. Zoo Biology, 2004, 23, 335-346.	1.2	44
20	Genetics and genomics of animal behaviour and welfareâ€"Challenges and possibilities. Applied Animal Behaviour Science, 2008, 113, 383-403.	1.9	44
21	The effect of biting tails and having tails bitten in pigs. Physiology and Behavior, 2012, 106, 638-644.	2.1	41
22	Effects of pre-weaning exposure to a maze on stress responses in pigs at weaning and on subsequent performance in spatial and fear-related tests. Applied Animal Behaviour Science, 2008, 110, 189-202.	1.9	38
23	Salivary and plasma concentration of cortisol in normal horses and horses with Cushing's disease. Equine Veterinary Journal, 2001, 33, 211-213.	1.7	38
24	Attitudes of veterinary students to pain in cattle. Veterinary Record, 2009, 165, 254-258.	0.3	37
25	Using qualitative behaviour assessment (QBA) to explore the emotional state of horses and its association with human-animal relationship. Applied Animal Behaviour Science, 2018, 204, 53-59.	1.9	37
26	Gene expression profiling of peripheral mononuclear cells in lame dairy cows with foot lesions. Veterinary Immunology and Immunopathology, 2007, 120, 234-245.	1.2	34
27	Integrating Animal Welfare into Veterinary Education: Using an Online, Interactive Course. Journal of Veterinary Medical Education, 2005, 32, 497-504.	0.6	33
28	Piglets Born from Sows Fed High Fibre Diets during Pregnancy Are Less Aggressive Prior to Weaning. PLoS ONE, 2016, 11, e0167363.	2.5	33
29	Large round bale feeder design affects hay utilization and beef cow behavior1,2. Journal of Animal Science, 2003, 81, 109-115.	0.5	32
30	Animal science student attitudes to farm animal welfare. Anthrozoos, 2006, 19, 3-16.	1.4	32
31	The relationship between housing and social rank on cortisol, Î²-endorphin and dynorphin (1â€"13) secretion in sows. Applied Animal Behaviour Science, 1998, 59, 1-10.	1.9	30
32	Development of a porcine brain cDNA library, EST database, and microarray resource. Physiological Genomics, 2003, 16, 153-159.	2.3	30
33	Investigation of changes in global gene expression in the frontal cortex of early-weaned and socially isolated piglets using microarray and quantitative real-time RT-PCR. Brain Research, 2006, 1068, 7-15.	2.2	30
34	Adults may be used to alleviate weaning stress in domestic foals (Equus caballus). Physiology and Behavior, 2012, 106, 428-438.	2.1	30
35	Factors affecting mechanical (nociceptive) thresholds in piglets. Veterinary Anaesthesia and Analgesia, 2012, 39, 628-635.	0.6	29
36	Maternal social status and birth sex ratio in domestic pigs: an analysis of mechanisms. Animal Behaviour, 1995, 50, 1361-1370.	1.9	28

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37	Gentle vs. aversive handling of pregnant ewes: II. Physiology and behavior of the lambs. Physiology and Behavior, 2011, 103, 575-584.	2.1	27
38	Risk factors for skin lesions on the necks of Norwegian dairy cows. Journal of Dairy Science, 2010, 93, 3979-3989.	3.4	26
39	Gentle vs. aversive handling of pregnant ewes: I. Maternal cortisol and behavior. Physiology and Behavior, 2011, 104, 384-391.	2.1	26
40	Identification of chromosomal locations associated with tail biting and being a victim of tail-biting behaviour in the domestic pig (Sus scrofa domesticus). Journal of Applied Genetics, 2012, 53, 449-456.	1.9	24
41	Early adverse experience alters dendritic spine density and gene expression in prefrontal cortex and hippocampus in lambs. Psychoneuroendocrinology, 2013, 38, 1112-1121.	2.7	24
42	Assessing mid-trimester salivary cortisol levels across three consecutive days in pregnant women using an at-home collection protocol. Paediatric and Perinatal Epidemiology, 2006, 20, 425-437.	1.7	23
43	Stress during pregnancy alters dendritic spine density and gene expression in the brain of new-born lambs. Behavioural Brain Research, 2015, 291, 155-163.	2.2	23
44	The sickness response in steers with induced bovine respiratory disease before and after treatment with a non-steroidal anti-inflammatory drug. Applied Animal Behaviour Science, 2016, 181, 49-62.	1.9	23
45	Pain assessment in horses using automatic facial expression recognition through deep learning-based modeling. PLoS ONE, 2021, 16, e0258672.	2.5	23
46	Ewes are more attentive to their offspring experiencing pain but not stress. Applied Animal Behaviour Science, 2011, 132, 114-120.	1.9	22
47	Positive and negative gestational handling influences placental traits and mother-offspring behavior in dairy goats. Physiology and Behavior, 2016, 157, 129-138.	2.1	22
48	The influence of weaning age on post-mixing agonistic interactions in growing pigs. Applied Animal Behaviour Science, 2004, 88, 39-46.	1.9	20
49	A fast and simple technique for jugular catheterization in adult sows. Laboratory Animals, 1992, 26, 211-213.	1.0	19
50	The relationship between thermal nociceptive threshold in lambs and eweâ€“lamb interactions. Small Ruminant Research, 2010, 90, 142-145.	1.2	19
51	Effects of boar presence on agonistic behavior, shoulder scratches, and stress response of bred sows at mixing1. Journal of Animal Science, 2006, 84, 1227-1237.	0.5	18
52	A novel method for testing social recognition in young pigs and the modulating effects of relocation. Applied Animal Behaviour Science, 2006, 99, 77-87.	1.9	17
53	Effects of haloperidol, a dopamine D2-like receptor antagonist, on reward-related behaviors in laying hens. Physiology and Behavior, 2011, 102, 400-405.	2.1	17
54	Simultaneous detection and quantification of six equine cytokines in plasma using a fluorescent microsphere immunoassay (FMIA). MethodsX, 2015, 2, 241-248.	1.6	15

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55	Applying fractal analysis to heart rate time series of sheep experiencing pain. Physiology and Behavior, 2010, 101, 74-80.	2.1	14
56	Environmental enrichment for pregnant sows modulates HPA-axis and behavior in the offspring. Applied Animal Behaviour Science, 2019, 220, 104854.	1.9	14
57	Animal welfare judging teamsâ€”a way to interface welfare science with traditional animal science curricula?. Applied Animal Behaviour Science, 2003, 81, 279-289.	1.9	13
58	Sham-Chewing in Sows Is Associated With Decreased Fear Responses in Their Offspring. Frontiers in Veterinary Science, 2019, 6, 390.	2.2	13
59	Stereotypic Behavior in Sows Is Related to Emotionality Changes in the Offspring. Frontiers in Veterinary Science, 2020, 7, 79.	2.2	12
60	Animal Welfare and Epidemiologyâ€”Across Species, Across Disciplines, and Across Borders. Journal of Applied Animal Welfare Science, 2009, 12, 83-87.	1.0	11
61	Are cats less stressed in homes than in shelters? A study of personality and faecal cortisol metabolites. Applied Animal Behaviour Science, 2020, 224, 104919.	1.9	11
62	Behaviour, heart rate, and heart rate variability in pigs exposed to novelty. Revista Brasileira De Zootecnia, 2016, 45, 121-129.	0.8	10
63	Peripheral regulation of stress and fear responses in pigs from tail-biting pens. Revista Brasileira De Zootecnia, 2017, 46, 33-38.	0.8	10
64	The in-utero experience of piglets born from sows with lameness shapes their life trajectory. Scientific Reports, 2021, 11, 13052.	3.3	9
65	High fiber diet reduces stereotypic behavior of gilts but does not affect offspring performance. Applied Animal Behaviour Science, 2021, 243, 105433.	1.9	9
66	Text Mining Analysis to Evaluate Stakeholdersâ€™ Perception Regarding Welfare of Equines, Small Ruminants, and Turkeys. Animals, 2019, 9, 225.	2.3	8
67	Does high stereotypic behavior expression affect productivity measures in sows?. Revista Brasileira De Zootecnia, 2019, 48, .	0.8	7
68	Multiple mechanisms may affect birth sex ratio in domestic pigs. Animal Behaviour, 1998, 55, 773-776.	1.9	6
69	Space allowance during gestation and early maternal separation: Effects on the fear response and social motivation of lambs. Applied Animal Behaviour Science, 2015, 163, 98-109.	1.9	6
70	Computational classification of animals for a highway detection system. Brazilian Journal of Veterinary Research and Animal Science, 0, 58, e174951.	0.2	6
71	How Epigenetics Can Enhance Pig Welfare?. Animals, 2022, 12, 32.	2.3	6
72	Social isolation elicits deficits in the ability of newly weaned female piglets to recognise conspecifics. Applied Animal Behaviour Science, 2008, 110, 182-188.	1.9	5

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73	AWIN - Animal Health and Welfare - FP7 Project. Impact, 2016, 2016, 15-17.	0.1	5
74	Development and validation of a multiplex fluorescent microsphere immunoassay assay for detection of porcine cytokines. MethodsX, 2019, 6, 1218-1227.	1.6	5
75	Two Hours of Separation Prior to Milking: Is This Strategy Stressful for Jennies and Their Foals?. Animals, 2021, 11, 178.	2.3	5
76	Brazilian donkey slaughter and exports from 2002 to 2019. Brazilian Journal of Veterinary Research and Animal Science, 0, 58, e174697.	0.2	5
77	Indication that the presence of older conspecifics reduces agonistic behaviour in piglets at weaning. Applied Animal Behaviour Science, 2021, 234, 105201.	1.9	4
78	The development of the AWIN welfare assessment protocol for donkeys. Brazilian Journal of Veterinary Research and Animal Science, 0, 58, e173333.	0.2	4
79	Poor welfare compromises testicle physiology in breeding boars. PLoS ONE, 2022, 17, e0268944.	2.5	4
80	Maternal stress in sheep during late pregnancy influences sperm quality in early puberty of the offspring. Theriogenology, 2020, 145, 158-166.	2.1	3
81	Behaviour of tail-docked lambs tested in isolation. Irish Journal of Agricultural and Food Research, 2016, 55, 192-199.	0.4	3
82	Between Freedom and Abandonment: Social Representations of Free-Roaming Donkeys in the Brazilian Northeast. Anthrozoos, 2022, 35, 335-354.	1.4	3
83	union between technical knowledge and activism as a tool to save the donkey. Brazilian Journal of Veterinary Research and Animal Science, 0, 58, e175282.	0.2	2
84	Case report: the use of the AWIN welfare assessment protocol to monitor a group of abandoned donkeys. Brazilian Journal of Veterinary Research and Animal Science, 0, 58, e174701.	0.2	2
85	Vaginal Microbiota Diversity in Response to Lipopolysaccharide in Gilts Housed Under Three Housing Systems. Frontiers in Genetics, 2022, 13, 836962.	2.3	2
86	Meeting the educational challenges to engage veterinarians in animal welfare science. Acta Veterinaria Scandinavica, 2008, 50, .	1.6	1
87	The population of donkeys and mules in Brazil according to agricultural censuses from 1960 to 2017. Brazilian Journal of Veterinary Research and Animal Science, 0, 58, e174365.	0.2	1
88	Housing Conditions and a Challenge with Lipopolysaccharide on the Day of Estrus Can Influence Gene Expression of the Corpus Luteum in Gilts. Genes, 2022, 13, 769.	2.4	1
89	reality of the donkeyâ€™s exploitation for the hide trade in Brazil: disease outbreaks and animal welfare compromised in rescued donkeys. Brazilian Journal of Veterinary Research and Animal Science, 0, 58, e174674.	0.2	0
90	Type II rectal prolapses in vulnerable donkeys: three case reports. Research, Society and Development, 2020, 9, e37991211181.	0.1	0