

Frank Dunshea

List of Publications by Year in descending order

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415
papers

13,245
citations

30551

56
h-index

60403

85
g-index

426
all docs

426
docs citations

426
times ranked

9151
citing authors

#	ARTICLE	IF	CITATIONS
1	Vaccination of boars with a GnRH vaccine (Improvac) eliminates boar taint and increases growth performance.. Journal of Animal Science, 2001, 79, 2524.	0.2	309
2	Dietary Conjugated Linoleic Acids Increase Lean Tissue and Decrease Fat Deposition in Growing Pigs. Journal of Nutrition, 1999, 129, 2037-2042.	1.3	286
3	Review: Adaptation of animals to heat stress. Animal, 2018, 12, s431-s444.	1.3	245
4	Effects of heat stress on animal physiology, metabolism, and meat quality: A review. Meat Science, 2020, 162, 108025.	2.7	217
5	Plant bioactives for ruminant health and productivity. Phytochemistry, 2008, 69, 299-322.	1.4	192
6	Central Administration of Leptin to Ovariectomized Ewes Inhibits Food Intake without Affecting the Secretion of Hormones from the Pituitary Gland: Evidence for a Dissociation of Effects on Appetite and Neuroendocrine Function*. Endocrinology, 1999, 140, 1175-1182.	1.4	188
7	Effects of dietary factors and other metabolic modifiers on quality and nutritional value of meat. Meat Science, 2005, 71, 8-38.	2.7	172
8	The effects of immuno- and surgical-castration on the behaviour and consequently growth of group-housed, male finisher pigs. Applied Animal Behaviour Science, 2003, 81, 111-126.	0.8	167
9	Screening and Characterization of Phenolic Compounds and Their Antioxidant Capacity in Different Fruit Peels. Foods, 2020, 9, 1206.	1.9	160
10	Effects of nutrition and management on the production and composition of milk fat and protein: a review. Australian Journal of Agricultural Research, 2004, 55, 1009.	1.5	149
11	Wheat bran affects the site of fermentation of resistant starch and luminal indexes related to colon cancer risk: a study in pigs. Gut, 1999, 45, 840-847.	6.1	147
12	Intracerebroventricular infusion of leptin elevates the secretion of luteinising hormone without affecting food intake in long-term food-restricted sheep, but increases growth hormone irrespective of bodyweight. Journal of Endocrinology, 2001, 168, 67-77.	1.2	138
13	Interrelationships between sex and ractopamine on protein and lipid deposition in rapidly growing pigs3. Journal of Animal Science, 1993, 71, 2919-2930.	0.2	131
14	Selenium and vitamin E together improve intestinal epithelial barrier function and alleviate oxidative stress in heat-stressed pigs. Experimental Physiology, 2016, 101, 801-810.	0.9	129
15	Dietary antioxidants at supranutritional doses improve oxidative status and reduce the negative effects of heat stress in sheep1,2. Journal of Animal Science, 2014, 92, 3364-3374.	0.2	123
16	LC-ESI-QTOF/MS Characterisation of Phenolic Acids and Flavonoids in Polyphenol-Rich Fruits and Vegetables and Their Potential Antioxidant Activities. Antioxidants, 2019, 8, 405.	2.2	116
17	LC-ESI-QTOF/MS Characterization of Phenolic Compounds from Medicinal Plants (Hops and Juniper) Tj ETQq1 1 0.784314 rgBT /Overloc	1.9	106
18	Systematic review of emerging and innovative technologies for meat tenderisation. Meat Science, 2017, 132, 72-89.	2.7	102

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19	The effect of dietary magnesium aspartate supplementation on pork quality.. Journal of Animal Science, 1998, 76, 104.	0.2	97
20	Insulin Increases the Abundance of the Growth Hormone Receptor in Liver and Adipose Tissue of Periparturient Dairy Cows. Journal of Nutrition, 2004, 134, 1020-1027.	1.3	97
21	Effect of porcine somatotropin on in vivo glucose kinetics and lipogenesis in growing pigs ² . Journal of Animal Science, 1992, 70, 141-151.	0.2	95
22	Effects of a synbiotic containing Lactobacillus acidophilus ATCC 4962 on plasma lipid profiles and morphology of erythrocytes in hypercholesterolaemic pigs on high- and low-fat diets. British Journal of Nutrition, 2007, 98, 736-44.	1.2	92
23	Cross-cultural effects of food product familiarity on sensory acceptability and non-invasive physiological responses of consumers. Food Research International, 2019, 115, 439-450.	2.9	87
24	Resilience of Small Ruminants to Climate Change and Increased Environmental Temperature: A Review. Animals, 2020, 10, 867.	1.0	86
25	A Meta-Analysis of Zilpaterol and Ractopamine Effects on Feedlot Performance, Carcass Traits and Shear Strength of Meat in Cattle. PLoS ONE, 2014, 9, e115904.	1.1	85
26	Age, sex, and weight at weaning influence organ weight and gastrointestinal development of weanling pigs. Australian Journal of Agricultural Research, 2003, 54, 515.	1.5	84
27	Chemical characterisation and speciation of organic selenium in cultivated selenium-enriched Agaricus bisporus. Food Chemistry, 2013, 141, 3681-3687.	4.2	84
28	Antioxidant dynamics in the live animal and implications for ruminant health and product (meat/milk) quality: role of vitamin E and selenium. Animal Production Science, 2014, 54, 1525.	0.6	84
29	Pregnancy and Undernutrition Alter Glucose Metabolic Responses to Insulin in Sheep. Journal of Nutrition, 1993, 123, 1286-1295.	1.3	82
30	LC-ESI-QTOF-MS/MS Characterization of Seaweed Phenolics and Their Antioxidant Potential. Marine Drugs, 2020, 18, 331.	2.2	81
31	The Effect Of Handling Pre-Slaughter And Carcass Processing Rate Post-Slaughter On Pork Quality. Meat Science, 1998, 50, 429-437.	2.7	79
32	Invited review: An evaluation of the likely effects of individualized feeding of concentrate supplements to pasture-based dairy cows. Journal of Dairy Science, 2015, 98, 1363-1401.	1.4	79
33	Long-Term Alterations in Adiposity Affect the Expression of Melanin-Concentrating Hormone and Enkephalin But Not Proopiomelanocortin in the Hypothalamus of Ovariectomized Ewes ¹ . Endocrinology, 2000, 141, 1506-1514.	1.4	78
34	A gonadotropin-releasing factor vaccine (Improvac) and porcine somatotropin have synergistic and additive effects on growth performance in group-housed boars and gilts ^{1,2} . Journal of Animal Science, 2003, 81, 1959-1966.	0.2	76
35	Amelioration of thermal stress impacts in dairy cows. Animal Production Science, 2013, 53, 965.	0.6	75
36	Accuracy of dual energy X-ray absorptiometry (DXA), weight and P2 back fat to predict whole body and carcass composition in pigs within and across experiments. Livestock Science, 2003, 84, 231-242.	1.2	74

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37	Impacts of heat stress on immune responses and oxidative stress in farm animals and nutritional strategies for amelioration. <i>International Journal of Biometeorology</i> , 2021, 65, 1231-1244.	1.3	71
38	Meat tenderness: advances in biology, biochemistry, molecular mechanisms and new technologies. <i>Meat Science</i> , 2022, 185, 108657.	2.7	71
39	The influence of piglet body weight on milk production of sows. <i>Livestock Science</i> , 1997, 47, 169-174.	1.2	70
40	Factors influencing the incidence of high rigor temperature in beef carcasses in Australia. <i>Animal Production Science</i> , 2014, 54, 363.	0.6	69
41	Dietary antioxidants at supranutritional doses modulate skeletal muscle heat shock protein and inflammatory gene expression in sheep exposed to heat stress ^{1,2} . <i>Journal of Animal Science</i> , 2014, 92, 4897-4908.	0.2	69
42	Adaptation strategies: ruminants. <i>Animal Frontiers</i> , 2019, 9, 47-53.	0.8	69
43	Conjugated linoleic acid decreases fat accretion in pigs: evaluation by dual-energy X-ray absorptiometry. <i>British Journal of Nutrition</i> , 2003, 89, 219-229.	1.2	68
44	Betaine and Antioxidants Improve Growth Performance, Breast Muscle Development and Ameliorate Thermoregulatory Responses to Cyclic Heat Exposure in Broiler Chickens. <i>Animals</i> , 2018, 8, 162.	1.0	68
45	Comprehensive Profiling of Most Widely Used Spices for Their Phenolic Compounds through LC-ESI-QTOF-MS ² and Their Antioxidant Potential. <i>Antioxidants</i> , 2021, 10, 721.	2.2	66
46	The Synergism of Biochemical Components Controlling Lipid Oxidation in Lamb Muscle. <i>Lipids</i> , 2014, 49, 757-766.	0.7	64
47	Integration of non-invasive biometrics with sensory analysis techniques to assess acceptability of beer by consumers. <i>Physiology and Behavior</i> , 2019, 200, 139-147.	1.0	64
48	Post-weaning and whole-of-life performance of pigs is determined by live weight at weaning and the complexity of the diet fed after weaning. <i>Animal Nutrition</i> , 2017, 3, 372-379.	2.1	63
49	Comparison of the color stability and lipid oxidative stability of fresh and vacuum packaged lamb muscle containing elevated omega-3 and omega-6 fatty acid levels from dietary manipulation. <i>Meat Science</i> , 2001, 58, 151-161.	2.7	61
50	The effect of immunization against GnRF on nutrient requirements of male pigs: a review. <i>Animal</i> , 2013, 7, 1769-1778.	1.3	61
51	LC-ESI-QTOF/MS Profiling of Australian Mango Peel By-Product Polyphenols and Their Potential Antioxidant Activities. <i>Processes</i> , 2019, 7, 764.	1.3	61
52	Nutritional manipulation increases intramuscular fat levels in the Longissimus muscle of female finisher pigs. <i>Australian Journal of Agricultural Research</i> , 2003, 54, 745.	1.5	60
53	Reducing the length of time between slaughter and the secondary gonadotropin-releasing factor immunization improves growth performance and clears boar taint compounds in male finishing pigs ¹ . <i>Journal of Animal Science</i> , 2011, 89, 2782-2792.	0.2	60
54	Novel techniques to understand consumer responses towards food products: A review with a focus on meat. <i>Meat Science</i> , 2018, 144, 30-42.	2.7	60

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55	Chemical characterization of aromas in beer and their effect on consumers liking. <i>Food Chemistry</i> , 2019, 293, 479-485.	4.2	60
56	Comparison of different dietary magnesium supplements on pork quality. <i>Meat Science</i> , 1999, 51, 221-225.	2.7	58
57	Antioxidant effects of rosemary extract and whey powder on the oxidative stability of wiener sausages during 10 months frozen storage. <i>Meat Science</i> , 2002, 62, 217-224.	2.7	58
58	Relations between plasma non-esterified fatty acid metabolism and body fat mobilization in primiparous lactating goats. <i>British Journal of Nutrition</i> , 1989, 62, 51-61.	1.2	57
59	Interrelationships between dietary protein and ractopamine on protein and lipid deposition in finishing gilts ³ . <i>Journal of Animal Science</i> , 1993, 71, 2931-2941.	0.2	57
60	Comparison of silver-ion high-performance liquid chromatographic quantification of free and methylated conjugated linoleic acids. <i>Lipids</i> , 2000, 35, 1147-1153.	0.7	57
61	Increasing Selenium Concentration in Milk: Effects of Amount of Selenium from Yeast and Cereal Grain Supplements. <i>Journal of Dairy Science</i> , 2007, 90, 4117-4127.	1.4	56
62	Intestinal Gas Capsules: A Proof-of-Concept Demonstration. <i>Gastroenterology</i> , 2016, 150, 37-39.	0.6	56
63	Assessment of beer quality based on foamability and chemical composition using computer vision algorithms, near infrared spectroscopy and machine learning algorithms. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 618-627.	1.7	56
64	Rams with poor feed efficiency are highly responsive to an exogenous adrenocorticotropin hormone (ACTH) challenge. <i>Domestic Animal Endocrinology</i> , 2008, 34, 261-268.	0.8	55
65	Development of Artificial Neural Network Models to Assess Beer Acceptability Based on Sensory Properties Using a Robotic Pourer: A Comparative Model Approach to Achieve an Artificial Intelligence System. <i>Beverages</i> , 2019, 5, 33.	1.3	55
66	Temporal response of circulating metabolites and hormones during somatotropin treatment of growing pigs ² . <i>Journal of Animal Science</i> , 1992, 70, 123-131.	0.2	54
67	Ractopamine hydrochloride improves growth performance and carcass composition in immunocastrated boars, intact boars, and gilts. <i>Journal of Animal Science</i> , 2009, 87, 3536-3543.	0.2	53
68	Images and chocolate stimuli affect physiological and affective responses of consumers: A cross-cultural study. <i>Food Quality and Preference</i> , 2018, 65, 60-71.	2.3	53
69	High dietary vitamin E and selenium improves feed intake and weight gain of finisher lambs and maintains redox homeostasis under hot conditions. <i>Small Ruminant Research</i> , 2016, 137, 17-23.	0.6	52
70	Physicochemical properties of dietary phytochemicals can predict their passive absorption in the human small intestine. <i>Scientific Reports</i> , 2017, 7, 1931.	1.6	52
71	Non-Contact Heart Rate and Blood Pressure Estimations from Video Analysis and Machine Learning Modelling Applied to Food Sensory Responses: A Case Study for Chocolate. <i>Sensors</i> , 2018, 18, 1802.	2.1	52
72	Somatotropin in lactating cows: effect on response to epinephrine and insulin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1990, 258, E582-E588.	1.8	51

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73	Nutrient Utilization and Protein Turnover in the Hindlimb of Cattle Treated with Bovine Somatotropin. <i>Journal of Nutrition</i> , 1994, 124, 664-673.	1.3	51
74	Profiling Postprandial Thermogenesis in Muscle and Fat of Sheep and the Central Effect of Leptin Administration. <i>Endocrinology</i> , 2008, 149, 2019-2026.	1.4	51
75	Emerging Technologies Based on Artificial Intelligence to Assess the Quality and Consumer Preference of Beverages. <i>Beverages</i> , 2019, 5, 62.	1.3	51
76	Effect of metabolism modifiers on lipid metabolism in the pig. <i>Journal of Animal Science</i> , 1993, 71, 1966-1977.	0.2	50
77	Selenium-enriched <i>Agaricus bisporus</i> increases expression and activity of glutathione peroxidase-1 and expression of glutathione peroxidase-2 in rat colon. <i>Food Chemistry</i> , 2014, 146, 327-333.	4.2	50
78	Growth Performance and Characterization of Meat Quality of Broiler Chickens Supplemented with Betaine and Antioxidants under Cyclic Heat Stress. <i>Antioxidants</i> , 2019, 8, 336.	2.2	50
79	IGF feedback effects on growth hormone secretion in ewes: evidence for action at the pituitary but not the hypothalamic level. <i>Journal of Endocrinology</i> , 1995, 144, 323-331.	1.2	49
80	A comparison of solid-phase microextraction (SPME) with simultaneous distillation-extraction (SDE) for the analysis of volatile compounds in heated beef and sheep fats. <i>Meat Science</i> , 2012, 91, 99-107.	2.7	49
81	Nutritional strategies to alleviate heat stress in pigs. <i>Animal Production Science</i> , 2015, 55, 1391.	0.6	49
82	Robotics and computer vision techniques combined with non-invasive consumer biometrics to assess quality traits from beer foamability using machine learning: A potential for artificial intelligence applications. <i>Food Control</i> , 2018, 92, 72-79.	2.8	49
83	Heat Stress Impacts on Lactating Cows Grazing Australian Summer Pastures on an Automatic Robotic Dairy. <i>Animals</i> , 2020, 10, 869.	1.0	49
84	Screening of Phenolic Compounds in Australian Grown Berries by LC-ESI-QTOF-MS/MS and Determination of Their Antioxidant Potential. <i>Antioxidants</i> , 2021, 10, 26.	2.2	49
85	Interrelationships between dietary lysine, sex, and porcine somatotropin administration on growth performance and protein deposition in pigs between 80 and 120 kg live weight.. <i>Journal of Animal Science</i> , 2000, 78, 2639.	0.2	48
86	Cinnamon: A Natural Feed Additive for Poultry Health and Production—A Review. <i>Animals</i> , 2021, 11, 2026.	1.0	48
87	Interrelationships between dietary ractopamine, energy intake, and sex in pigs. <i>Australian Journal of Agricultural Research</i> , 1998, 49, 565.	1.5	48
88	Consumption of brown onions (<i>Allium cepa</i> var. <i>cavalier</i> and var. <i>destiny</i>) moderately modulates blood lipids, haematological and haemostatic variables in healthy pigs. <i>British Journal of Nutrition</i> , 2004, 91, 211-218.	1.2	47
89	Changes in Insulin, Glucose and Ketone Bodies, But Not Leptin or Body Fat Content Precede Restoration of Luteinising Hormone Secretion in Ewes. <i>Journal of Neuroendocrinology</i> , 2007, 19, 449-460.	1.2	47
90	Age and nutrition influence the concentrations of three branched chain fatty acids in sheep fat from Australian abattoirs. <i>Meat Science</i> , 2010, 86, 594-599.	2.7	47

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91	Modelling and Validation of Computer Vision Techniques to Assess Heart Rate, Eye Temperature, Ear-Base Temperature and Respiration Rate in Cattle. <i>Animals</i> , 2019, 9, 1089.	1.0	47
92	Impacts of heat stress on meat quality and strategies for amelioration: a review. <i>International Journal of Biometeorology</i> , 2020, 64, 1613-1628.	1.3	47
93	Effect of on-farm and pre-slaughter handling of pigs on meat quality. <i>Australian Journal of Agricultural Research</i> , 1998, 49, 1021.	1.5	47
94	A GnRF vaccine (Improvac®) and porcine somatotropin (Reporcin®) have synergistic effects upon growth performance in both boars and gilts. <i>Australian Journal of Agricultural Research</i> , 2003, 54, 11.	1.5	47
95	Dietary manipulation of muscle long-chain omega-3 and omega-6 fatty acids and sensory properties of lamb meat. <i>Meat Science</i> , 2002, 60, 125-132.	2.7	46
96	Genetic Selection for Thermotolerance in Ruminants. <i>Animals</i> , 2019, 9, 948.	1.0	46
97	Effect of somatotropin on nonesterified fatty acid and glycerol metabolism in growing pigs ² . <i>Journal of Animal Science</i> , 1992, 70, 132-140.	0.2	45
98	Effect of in vivo somatotropin treatment of growing pigs on adipose tissue lipogenesis. <i>Journal of Animal Science</i> , 1993, 71, 3293-3300.	0.2	45
99	The effect of exogenous somatotropin on lactation performance of first-litter sows.. <i>Journal of Animal Science</i> , 1996, 74, 167.	0.2	45
100	Effects of nitric oxide and oxidation in vivo and postmortem on meat tenderness. <i>Meat Science</i> , 2005, 71, 205-217.	2.7	45
101	Dietary Betaine Impacts the Physiological Responses to Moderate Heat Conditions in a Dose Dependent Manner in Sheep. <i>Animals</i> , 2016, 6, 51.	1.0	45
102	Gut Microbiota-Polyphenol Interactions in Chicken: A Review. <i>Animals</i> , 2020, 10, 1391.	1.0	45
103	High-Throughput Screening and Characterization of Phenolic Compounds in Stone Fruits Waste by LC-ESI-QTOF-MS/MS and Their Potential Antioxidant Activities. <i>Antioxidants</i> , 2021, 10, 234.	2.2	45
104	Dietary conjugated linoleic acid differentially alters fatty acid composition and increases conjugated linoleic acid content in porcine adipose tissue. <i>British Journal of Nutrition</i> , 2003, 90, 915-928.	1.2	44
105	Development of a Biosensory Computer Application to Assess Physiological and Emotional Responses from Sensory Panelists. <i>Sensors</i> , 2018, 18, 2958.	2.1	44
106	Non-esterified fatty acid and glycerol kinetics and fatty acid re-esterification in goats during early lactation. <i>British Journal of Nutrition</i> , 1990, 64, 133-145.	1.2	43
107	Mixed Mode Retention and the Use of Competing Acid for the Ag ⁺ -HPLC Analysis of Underivatized Conjugated Linoleic Acids. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 317-323.	2.0	43
108	Acute exercise stress and electrical stimulation influence the consumer perception of sheep meat eating quality and objective quality traits. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 553.	1.0	43

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109	Effects of Context and Virtual Reality Environments on the Wine Tasting Experience, Acceptability, and Emotional Responses of Consumers. <i>Foods</i> , 2020, 9, 191.	1.9	43
110	Heat Stress and Goat Welfare: Adaptation and Production Considerations. <i>Animals</i> , 2021, 11, 1021.	1.0	43
111	LC-MS/MS-QTOF Screening and Identification of Phenolic Compounds from Australian Grown Herbs and Their Antioxidant Potential. <i>Antioxidants</i> , 2021, 10, 1770.	2.2	42
112	Screening and Characterization of Phenolic Compounds from Australian Grown Bananas and Their Antioxidant Capacity. <i>Antioxidants</i> , 2021, 10, 1521.	2.2	41
113	Relations between plasma non-esterified fatty acid metabolism and body tissue mobilization during chronic undernutrition in goats. <i>British Journal of Nutrition</i> , 1988, 60, 633-644.	1.2	40
114	Feed efficiency and body composition are related to cortisol response to adrenocorticotropin hormone and insulin-induced hypoglycemia in rams. <i>Domestic Animal Endocrinology</i> , 2010, 39, 137-146.	0.8	39
115	LC-ESI-QTOF/MS Characterization of Phenolic Compounds in Palm Fruits (Jelly and Fishtail Palm) and Their Potential Antioxidant Activities. <i>Antioxidants</i> , 2019, 8, 483.	2.2	38
116	Artificial Intelligence Applied to a Robotic Dairy Farm to Model Milk Productivity and Quality based on Cow Data and Daily Environmental Parameters. <i>Sensors</i> , 2020, 20, 2975.	2.1	38
117	Development of emotion lexicons to describe chocolate using the Check-All-That-Apply (CATA) methodology across Asian and Western groups. <i>Food Research International</i> , 2019, 115, 526-534.	2.9	37
118	Identification of phenolic compounds in Australian grown dragon fruits by LC-ESI-QTOF-MS/MS and determination of their antioxidant potential. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103151.	2.3	37
119	Leptin-Mediated Effects of Undernutrition or Fasting on Luteinizing Hormone and Growth Hormone Secretion in Ovariectomized Ewes Depend on the Duration of Metabolic Perturbation. <i>Journal of Neuroendocrinology</i> , 2004, 16, 244-255.	1.2	36
120	The pattern of fat and lean muscle tissue deposition differs in the different pork primal cuts of female pigs during the finisher growth phase. <i>Livestock Science</i> , 2004, 91, 1-8.	1.2	36
121	The accuracy of dual energy X-ray absorptiometry (DXA), weight, and P2 back fat to predict half-carcass and primal-cut composition in pigs within and across research experiments. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 973.	1.5	36
122	Evaluation of dietary betaine in lactating Holstein cows subjected to heat stress. <i>Journal of Dairy Science</i> , 2016, 99, 9745-9753.	1.4	36
123	IGFBP-2 inhibits adipogenesis and lipogenesis in human visceral, but not subcutaneous, adipocytes. <i>International Journal of Obesity</i> , 2015, 39, 770-781.	1.6	35
124	Assessment of Beer Quality Based on a Robotic Pourer, Computer Vision, and Machine Learning Algorithms Using Commercial Beers. <i>Journal of Food Science</i> , 2018, 83, 1381-1388.	1.5	35
125	Physiological Responses to Basic Tastes for Sensory Evaluation of Chocolate Using Biometric Techniques. <i>Foods</i> , 2019, 8, 243.	1.9	35
126	LC-ESI-QTOF/MS characterization of bioactive compounds from black spices and their potential antioxidant activities. <i>Journal of Food Science and Technology</i> , 2020, 57, 4671-4687.	1.4	34

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127	A Comparative Investigation on Phenolic Composition, Characterization and Antioxidant Potentials of Five Different Australian Grown Pear Varieties. <i>Antioxidants</i> , 2021, 10, 151.	2.2	34
128	Evaluation of solvent-extracted canola meal for growing pigs and lactating sows. <i>Australian Journal of Agricultural Research</i> , 2001, 52, 1033.	1.5	33
129	Lifetime and post-weaning determinants of performance indices of pigs. <i>Australian Journal of Agricultural Research</i> , 2003, 54, 363.	1.5	33
130	The use of different models for the estimation of residual feed intake (RFI) as a measure of feed efficiency in meat sheep. <i>Animal Feed Science and Technology</i> , 2008, 143, 242-255.	1.1	33
131	Ractopamine supplementation increases lean deposition in entire and immunocastrated male pigs. <i>Animal Production Science</i> , 2009, 49, 1113.	0.6	33
132	D-Tagatose as a Sucrose Substitute and Its Effect on the Physico-Chemical Properties and Acceptability of Strawberry-Flavored Yogurt. <i>Foods</i> , 2019, 8, 256.	1.9	33
133	LC-ESI-QTOF-MS/MS Characterisation of Phenolics in Herbal Tea Infusion and Their Antioxidant Potential. <i>Fermentation</i> , 2021, 7, 73.	1.4	33
134	Effects of bovine somatotropin and insulin on whole-body and hindlimb glucose metabolism in growing steers. <i>Journal of Animal Science</i> , 1995, 73, 2263-2271.	0.2	32
135	High dietary selenium and vitamin E supplementation ameliorates the impacts of heat load on oxidative status and acid-base balance in sheep ^{1,2} . <i>Journal of Animal Science</i> , 2015, 93, 3342-3354.	0.2	32
136	Interrelationships between porcine somatotropin (pST), betaine, and energy level on body composition and tissue distribution of finisher boars. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 983.	1.5	31
137	Betaine Improves Milk Yield in Grazing Dairy Cows Supplemented with Concentrates at High Temperatures. <i>Animals</i> , 2019, 9, 57.	1.0	31
138	The influence of dietary magnesium supplement type, and supplementation dose and duration, on pork quality and the incidence of PSE pork. <i>Australian Journal of Agricultural Research</i> , 2000, 51, 185.	1.5	30
139	Effects of dietary fat and conjugated linoleic acid on plasma metabolite concentrations and metabolic responses to homeostatic signals in pigs. <i>British Journal of Nutrition</i> , 2002, 88, 625-634.	1.2	30
140	Genotype and age effects on sheep meat production. 2. Carcass quality traits. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 1147.	1.0	30
141	Climate Change and Goat Production: Enteric Methane Emission and Its Mitigation. <i>Animals</i> , 2018, 8, 235.	1.0	30
142	Dietary Betaine Improves Intestinal Barrier Function and Ameliorates the Impact of Heat Stress in Multiple Vital Organs as Measured by Evans Blue Dye in Broiler Chickens. <i>Animals</i> , 2020, 10, 38.	1.0	30
143	Dietary Lipids Influence Bioaccessibility of Polyphenols from Black Carrots and Affect Microbial Diversity under Simulated Gastrointestinal Digestion. <i>Antioxidants</i> , 2020, 9, 762.	2.2	30
144	Forms of n-3 (ALA, C18:3n-3 or DHA, C22:6n-3) Fatty Acids Affect Carcass Yield, Blood Lipids, Muscle n-3 Fatty Acids and Liver Gene Expression in Lambs. <i>Lipids</i> , 2015, 50, 1133-1143.	0.7	29

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145	Developing a cuts-based system to improve consumer acceptability of pork: Impact of gender, ageing period, endpoint temperature and cooking method. <i>Meat Science</i> , 2016, 121, 216-227.	2.7	29
146	Potential of in vivo real-time gastric gas profiling: a pilot evaluation of heat-stress and modulating dietary cinnamon effect in an animal model. <i>Scientific Reports</i> , 2016, 6, 33387.	1.6	29
147	Poorer lifetime growth performance of gilt progeny compared with sow progeny is largely due to weight differences at birth and reduced growth in the preweaning period, and is not improved by progeny segregation after weaning ¹ . <i>Journal of Animal Science</i> , 2017, 95, 4904-4916.	0.2	29
148	Responses to homeostatic signals in ractopamine-treated pigs. <i>British Journal of Nutrition</i> , 1995, 73, 809-818.	1.2	28
149	In vivo actions of IGF analogues with poor affinities for IGFs: Metabolic and growth effects in pigs of different ages and GH responsiveness. <i>Progress in Growth Factor Research</i> , 1995, 6, 385-395.	1.7	28
150	The effects of post-weaning progestagen treatment (Regumate) of early-weaned primiparous sows on subsequent reproductive performance. <i>Animal Reproduction Science</i> , 1998, 52, 71-79.	0.5	28
151	Effect of feeding slowly fermentable grains on productive variables and amelioration of heat stress in lactating dairy cows in a sub-tropical summer. <i>Tropical Animal Health and Production</i> , 2018, 50, 1763-1769.	0.5	28
152	Effects of packaging design on sensory liking and willingness to purchase: A study using novel chocolate packaging. <i>Heliyon</i> , 2019, 5, e01696.	1.4	28
153	Effect of dietary vitamin E, fishmeal and wood and liquid smoke on the oxidative stability of bacon during 16 weeks' frozen storage. <i>Meat Science</i> , 2002, 62, 51-60.	2.7	27
154	Influence of photoperiod and gonadal status on food intake, adiposity, and gene expression of hypothalamic appetite regulators in a seasonal mammal. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R242-R252.	0.9	27
155	Output of selenium in milk, urine, and feces is proportional to selenium intake in dairy cows fed a total mixed ration supplemented with selenium yeast. <i>Journal of Dairy Science</i> , 2010, 93, 4644-4650.	1.4	27
156	LC-ESI/QTOF-MS Profiling of Chicory and Lucerne Polyphenols and Their Antioxidant Activities. <i>Antioxidants</i> , 2021, 10, 932.	2.2	27
157	Supplemental skim milk before and after weaning improves growth performance of pigs. <i>Australian Journal of Agricultural Research</i> , 1999, 50, 1165.	1.5	27
158	Dairy proteins and the regulation of satiety and obesity. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 1051.	1.0	27
159	Inhibition of nitric oxide release pre-slaughter increases post-mortem glycolysis and improves tenderness in ovine muscles. <i>Meat Science</i> , 2008, 80, 511-521.	2.7	26
160	Computer vision and remote sensing to assess physiological responses of cattle to pre-slaughter stress, and its impact on beef quality: A review. <i>Meat Science</i> , 2019, 156, 11-22.	2.7	26
161	Remotely Sensed Imagery for Early Detection of Respiratory Disease in Pigs: A Pilot Study. <i>Animals</i> , 2020, 10, 451.	1.0	26
162	Dietary Conjugated Linoleic Acid Can Decrease Backfat in Pigs Housed under Commercial Conditions. <i>Asian-Australasian Journal of Animal Sciences</i> , 2002, 15, 1011-1017.	2.4	26

#	ARTICLE	IF	CITATIONS
163	Meta-analysis of the relationship between collagen characteristics and meat tenderness. <i>Meat Science</i> , 2022, 185, 108717.	2.7	26
164	Dual energy X-ray absorptiometry (DXA) can be used to predict live animal and whole carcass composition of sheep. <i>Small Ruminant Research</i> , 2011, 100, 143-152.	0.6	25
165	Interactions between piglet weaning age and dietary creep feed composition on lifetime growth performance. <i>Animal Production Science</i> , 2013, 53, 1025.	0.6	25
166	Feeding slowly fermentable grains has the potential to ameliorate heat stress in grain-fed wethers ^{1,2} . <i>Journal of Animal Science</i> , 2016, 94, 2981-2991.	0.2	25
167	Bubbles, Foam Formation, Stability and Consumer Perception of Carbonated Drinks: A Review of Current, New and Emerging Technologies for Rapid Assessment and Control. <i>Foods</i> , 2019, 8, 596.	1.9	25
168	Bioaccessibility and bioactivities of phenolic compounds from roasted coffee beans during in vitro digestion and colonic fermentation. <i>Food Chemistry</i> , 2022, 386, 132794.	4.2	25
169	Body composition changes in goats during early lactation estimated using a two-pool model of tritiated water kinetics. <i>British Journal of Nutrition</i> , 1990, 64, 121-131.	1.2	24
170	Pregnancy but Not Moderate Undernutrition Attenuates Insulin Suppression of Fat Mobilization in Sheep. <i>Journal of Nutrition</i> , 1994, 124, 2431-2436.	1.3	24
171	Genotype and age effects on sheep meat production. 4. Carcass composition predicted by dual energy X-ray absorptiometry. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 1172.	1.0	24
172	Selenium-Enriched <i>Agaricus bisporus</i> Mushroom Protects against Increase in Gut Permeability ex vivo and Up-Regulates Glutathione Peroxidase 1 and 2 in Hyperthermally-Induced Oxidative Stress in Rats. <i>Nutrients</i> , 2014, 6, 2478-2492.	1.7	24
173	Estimating the impact of various pathway parameters on tenderness, flavour and juiciness of pork using Monte Carlo simulation methods. <i>Meat Science</i> , 2016, 116, 58-66.	2.7	24
174	Filling the out of season gaps for lamb and hogget production: Diet and genetic influence on carcass yield, carcass composition and retail value of meat. <i>Meat Science</i> , 2019, 148, 156-163.	2.7	24
175	Plant and Dairy-Based Yogurts: A Comparison of Consumer Sensory Acceptability Linked to Textural Analysis. <i>Foods</i> , 2022, 11, 463.	1.9	24
176	Evaluation of the arteriovenous difference technique to simultaneously estimate protein synthesis and degradation in the hindlimb of fed and chronically underfed steers. <i>Journal of Nutrition</i> , 1993, 123, 1076-88.	1.3	24
177	Genotype and age effects on sheep meat production. 5. Lean meat and fat content in the carcasses of Australian sheep genotypes at 20-, 30- and 40-kg carcass weights. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 893.	1.0	23
178	Dietary Phytochemicals Promote Health by Enhancing Antioxidant Defence in a Pig Model. <i>Nutrients</i> , 2017, 9, 758.	1.7	23
179	Effects of a short-term supranutritional selenium supplementation on redox balance, physiology and insulin-related metabolism in heat-stressed pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 276-285.	1.0	23
180	Primiparous and Multiparous Sows Have Largely Similar Colostrum and Milk Composition Profiles Throughout Lactation. <i>Animals</i> , 2019, 9, 35.	1.0	23

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181	Comparison of a grain-based diet supplemented with synthetic vitamin E versus a lucerne (alfalfa) hay-based diet fed to lambs in terms of carcass traits, muscle vitamin E, fatty acid content, lipid oxidation, and retail colour of meat. <i>Meat Science</i> , 2019, 148, 105-112.	2.7	23
182	Using imagery and computer vision as remote monitoring methods for early detection of respiratory disease in pigs. <i>Computers and Electronics in Agriculture</i> , 2021, 187, 106283.	3.7	23
183	Effect of supplemental nutrients on the growth performance of sucking pigs. <i>Australian Journal of Agricultural Research</i> , 1998, 49, 883.	1.5	23
184	The energy value of <i>Lupinus angustifolius</i> and <i>Lupinus albus</i> for growing pigs. <i>Animal Feed Science and Technology</i> , 2000, 83, 17-30.	1.1	22
185	Dietary lupins (<i>Lupinus angustifolius</i> and <i>Lupinus albus</i>) can increase digesta retention in the gastrointestinal tract of pigs. <i>Australian Journal of Agricultural Research</i> , 2001, 52, 593.	1.5	22
186	Dietary betaine supplementation has energy-sparing effects in feedlot cattle during summer, particularly in those without access to shade. <i>Animal Production Science</i> , 2014, 54, 450.	0.6	22
187	Response of plasma glucose, insulin, and nonesterified fatty acids to intravenous glucose tolerance tests in dairy cows during a 670-day lactation. <i>Journal of Dairy Science</i> , 2015, 98, 179-189.	1.4	22
188	Boar taint, meat quality and fail rate in entire male pigs and male pigs immunized against gonadotrophin releasing factor as related to body weight and feeding regime. <i>Meat Science</i> , 2017, 125, 95-101.	2.7	22
189	Consumer Acceptability, Eye Fixation, and Physiological Responses: A Study of Novel and Familiar Chocolate Packaging Designs Using Eye-Tracking Devices. <i>Foods</i> , 2019, 8, 253.	1.9	22
190	LC-ESI-QTOF/MS characterization of Australian herb and spices (garlic, ginger, and onion) and potential antioxidant activity. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14497.	0.9	22
191	Review: Improving the nutritional, sensory and market value of meat products from sheep and cattle. <i>Animal</i> , 2021, 15, 100356.	1.3	22
192	Effects of ractopamine in pig muscles: histology, calpains and β -adrenergic receptors. <i>Australian Journal of Agricultural Research</i> , 1993, 44, 1441.	1.5	21
193	Hyperinsulinaemia, supplemental protein and branched-chain amino acids when combined can increase milk protein yield in lactating sows. <i>British Journal of Nutrition</i> , 2005, 93, 325-332.	1.2	21
194	A test of the lipostat theory in a seasonal (ovine) model under natural conditions reveals a close relationship between adiposity and melanin concentrating hormone expression. <i>Domestic Animal Endocrinology</i> , 2009, 36, 138-151.	0.8	21
195	Effects of infusing nitric oxide donors and inhibitors on plasma metabolites, muscle lactate production and meat quality in lambs fed a high quality roughage-based diet. <i>Meat Science</i> , 2015, 105, 8-15.	2.7	21
196	Effects of chromium supplementation on physiology, feed intake, and insulin related metabolism in growing pigs subjected to heat stress. <i>Translational Animal Science</i> , 2017, 1, 116-125.	0.4	21
197	Impact of processing and storage on protein digestibility and bioavailability of legumes. <i>Food Reviews International</i> , 2023, 39, 4697-4724.	4.3	21
198	Starch but not protein digestibility is altered in pigs fed transgenic peas containing α -amylase inhibitor. <i>Journal of the Science of Food and Agriculture</i> , 2006, 86, 1894-1899.	1.7	20

#	ARTICLE	IF	CITATIONS
199	Accuracy of dual energy X-ray absorptiometry, weight, longissimus lumborum muscle depth and GR fat depth to predict half carcass composition in sheep. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 1165.	1.0	20
200	Dietary betaine and ractopamine combine to increase lean tissue deposition in finisher pigs, particularly gilts. <i>Animal Production Science</i> , 2009, 49, 65.	0.6	20
201	Seasonal and stage of lactation effects on milk fat composition in northern Victoria. <i>Animal Production Science</i> , 2013, 53, 560.	0.6	20
202	Thermoregulatory differences in lactating dairy cattle classed as efficient or inefficient based on residual feed intake. <i>Animal Production Science</i> , 2014, 54, 1877.	0.6	20
203	Analysis of thermochromic label elements and colour transitions using sensory acceptability and eye tracking techniques. <i>LWT - Food Science and Technology</i> , 2018, 89, 475-481.	2.5	20
204	Characterization of Phenolics in Rejected Kiwifruit and Their Antioxidant Potential. <i>Processes</i> , 2021, 9, 781.	1.3	20
205	Review: What have we learned about the effects of heat stress on the pig industry?. <i>Animal</i> , 2022, 16, 100349.	1.3	20
206	Screening of phenolic compounds in australian grown grapes and their potential antioxidant activities. <i>Food Bioscience</i> , 2022, 47, 101644.	2.0	20
207	Dietary Onion Intake as Part of a Typical High Fat Diet Improves Indices of Cardiovascular Health Using The Mixed Sex Pig Model. <i>Plant Foods for Human Nutrition</i> , 2006, 61, 179-185.	1.4	19
208	Polyunsaturated fats in meat from Merino, first- and second-cross sheep slaughtered as yearlings. <i>Meat Science</i> , 2009, 83, 314-319.	2.7	19
209	In vitro evaluation of the methane mitigation potential of a range of grape marc products. <i>Animal Production Science</i> , 2017, 57, 1437.	0.6	19
210	A meta-analysis of the effects of shockwave and high pressure processing on color and cook loss of fresh meat. <i>Meat Science</i> , 2017, 132, 107-111.	2.7	19
211	Reducing rumen starch fermentation of wheat with three percent sodium hydroxide has the potential to ameliorate the effect of heat stress in grain-fed wethers ^{1,2} . <i>Journal of Animal Science</i> , 2017, 95, 5547-5562.	0.2	19
212	A Dietary Sugarcane-Derived Polyphenol Mix Reduces the Negative Effects of Cyclic Heat Exposure on Growth Performance, Blood Gas Status, and Meat Quality in Broiler Chickens. <i>Animals</i> , 2020, 10, 1158.	1.0	19
213	Betaine and Isoquinoline Alkaloids Protect against Heat Stress and Colonic Permeability in Growing Pigs. <i>Antioxidants</i> , 2020, 9, 1024.	2.2	19
214	Exploring Meal and Snacking Behaviour of Older Adults in Australia and China. <i>Foods</i> , 2020, 9, 426.	1.9	19
215	Phenolic Profiling of Five Different Australian Grown Apples. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2421.	1.3	19
216	Feeding a high oleic acid (C18:1) diet improves pleasing flavor attributes in pork. <i>Food Chemistry</i> , 2021, 357, 129770.	4.2	19

#	ARTICLE	IF	CITATIONS
217	Porcine somatotropin (pST) administered using a commercial delivery system improves growth performance of rapidly growing, group-housed finisher pigs. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 287.	1.5	19
218	Consumption of raw brown onions variably modulate plasma lipid profile and lipoprotein oxidation in pigs fed a high-fat diet. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 154-160.	1.7	18
219	Porcine somatotropin and cysteamine hydrochloride improve growth performance and reduce back fat in finisher gilts. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 796.	1.0	18
220	Factors affecting the concentration of short branched-chain fatty acids in sheep fat. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 1201.	1.0	18
221	Dietary nano-chromium tripicolinate increases feed intake and decreases plasma cortisol in finisher gilts during summer. <i>Tropical Animal Health and Production</i> , 2014, 46, 1483-1489.	0.5	18
222	Dietary chromium picolinate of varying particle size improves carcass characteristics and insulin sensitivity in finishing pigs fed low- and high-fat diets. <i>Animal Production Science</i> , 2015, 55, 454.	0.6	18
223	Effects of niacin and betaine on bovine mammary and uterine cells exposed to thermal shock in vitro. <i>Journal of Dairy Science</i> , 2017, 100, 4025-4037.	1.4	18
224	The Use of Biochemical Measurements to Identify Pre-Slaughter Stress in Pasture Finished Beef Cattle. <i>Animals</i> , 2019, 9, 503.	1.0	18
225	Controlled elevated temperatures during early-mid gestation cause placental insufficiency and implications for fetal growth in pregnant pigs. <i>Scientific Reports</i> , 2020, 10, 20677.	1.6	18
226	Non-Invasive Sheep Biometrics Obtained by Computer Vision Algorithms and Machine Learning Modeling Using Integrated Visible/Infrared Thermal Cameras. <i>Sensors</i> , 2020, 20, 6334.	2.1	18
227	Consumer rejection threshold, acceptability rates, physicochemical properties, and shelf life of strawberry-flavored yogurts with reductions of sugar. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3024-3035.	1.7	18
228	Effect of slaughter age and post-mortem days on meat quality of longissimus and semimembranosus muscles of Boer goats. <i>Meat Science</i> , 2021, 175, 108466.	2.7	18
229	IGF-I variants which bind poorly to IGF-binding proteins show more potent and prolonged hypoglycaemic action than native IGF-I in pigs and marmoset monkeys. <i>Journal of Endocrinology</i> , 1997, 155, 377-386.	1.2	18
230	Longitudinal DXA measurements demonstrate lifetime differences in lean and fat tissue deposition between boars and barrows under individual and group-penned systems. <i>Australian Journal of Agricultural Research</i> , 2006, 57, 1009.	1.5	17
231	Selenium levels in cows fed pasture and concentrates or a total mixed ration and supplemented with selenized yeast to produce milk with supra-nutritional selenium concentrations. <i>Journal of Dairy Science</i> , 2011, 94, 262-272.	1.4	17
232	Chocolate Quality Assessment Based on Chemical Fingerprinting Using Near Infra-red and Machine Learning Modeling. <i>Foods</i> , 2019, 8, 426.	1.9	17
233	The Impact of Pre-Slaughter Stress on Beef Eating Quality. <i>Animals</i> , 2019, 9, 612.	1.0	17
234	Use of lucerne hay in ruminant feeds to improve animal productivity, meat nutritional value and meat preservation under a more variable climate. <i>Meat Science</i> , 2020, 170, 108235.	2.7	17

#	ARTICLE	IF	CITATIONS
235	Bioaccessibility and bioavailability changes of phenolic compounds in pumpkins (<i>Cucurbita moschata</i>): A review. <i>Food Bioscience</i> , 2022, 47, 101753.	2.0	17
236	Temporal response of plasma metabolites to ractopamine treatment in the growing pig. <i>Australian Journal of Agricultural Research</i> , 1994, 45, 1683.	1.5	16
237	Interactions between weaning age, weaning weight, sex, and enzyme supplementation on growth performance of pigs. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 939.	1.5	16
238	Metabolic modifiers as performance-enhancing technologies for livestock production. <i>Animal Frontiers</i> , 2016, 6, 6-14.	0.8	16
239	Effects of L-citrulline supplementation on heat stress physiology, lactation performance and subsequent reproductive performance of sows in summer. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 251-257.	1.0	16
240	Differences in Hedonic Responses, Facial Expressions and Self-Reported Emotions of Consumers Using Commercial Yogurts: A Cross-Cultural Study. <i>Foods</i> , 2021, 10, 1237.	1.9	16
241	Lipolytic responses to catecholamines in ractopamine-treated pigs. <i>Australian Journal of Agricultural Research</i> , 1998, 49, 875.	1.5	16
242	Long [R3] insulin-like growth factor-I reduces growth, plasma growth hormone, IGF binding protein-3 and endogenous IGF-I concentrations in pigs. <i>Journal of Endocrinology</i> , 1997, 155, 559-565.	1.2	16
243	The livestock farming digital transformation: implementation of new and emerging technologies using artificial intelligence. <i>Animal Health Research Reviews</i> , 2022, 23, 59-71.	1.4	16
244	The Quest for Phenolic Compounds from Seaweed: Nutrition, Biological Activities and Applications. <i>Food Reviews International</i> , 2023, 39, 5786-5813.	4.3	16
245	Paradoxical increases of circulating nonesterified fatty acids in somatotropin treated cattle undergoing mild disturbances. <i>Domestic Animal Endocrinology</i> , 1997, 14, 251-262.	0.8	15
246	Assessment of apparent ileal digestibility of amino acids and nitrogen in cottonseed and soyabean meals fed to pigs determined using ileal dissection under halothane anaesthesia or following carbon dioxide-stunning. <i>British Journal of Nutrition</i> , 1998, 80, 183-191.	1.2	15
247	Bioavailability of selenium from selenium-enriched milk assessed in the artificially reared neonatal pig. <i>Nutrition and Dietetics</i> , 2008, 65, S37-S40.	0.9	15
248	Differential effects of natural palm oil, chemically- and enzymatically-modified palm oil on weight gain, blood lipid metabolites and fat deposition in a pediatric pig model. <i>Nutrition Journal</i> , 2011, 10, 53.	1.5	15
249	Potential nutritional strategies for the amelioration or prevention of high rigor temperature in cattle – a review. <i>Animal Production Science</i> , 2014, 54, 430.	0.6	15
250	Mineral and Citrate Concentrations in Milk Are Affected by Seasons, Stage of Lactation and Management Practices. <i>Agriculture (Switzerland)</i> , 2019, 9, 25.	1.4	15
251	Muscle Antioxidant Enzymes Activity and Gene Expression Are Altered by Diet-Induced Increase in Muscle Essential Fatty Acid (\pm -linolenic acid) Concentration in Sheep Used as a Model. <i>Nutrients</i> , 2019, 11, 723.	1.7	15
252	Dietary Betaine Reduces the Negative Effects of Cyclic Heat Exposure on Growth Performance, Blood Gas Status and Meat Quality in Broiler Chickens. <i>Agriculture (Switzerland)</i> , 2020, 10, 176.	1.4	15

#	ARTICLE	IF	CITATIONS
253	The Effect of Heat Stress on Respiratory Alkalosis and Insulin Sensitivity in Cinnamon Supplemented Pigs. <i>Animals</i> , 2020, 10, 690.	1.0	15
254	Acid-insoluble ash is a better indigestible marker than chromic oxide to measure apparent total tract digestibility in pigs. <i>Animal Nutrition</i> , 2021, 7, 64-71.	2.1	15
255	Mango rejects and mango waste: Characterization and quantification of phenolic compounds and their antioxidant potential. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15618.	0.9	15
256	Sexual Dimorphism in Growth of Sucking and Growing Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2001, 14, 1610-1615.	2.4	15
257	Phytochemical and Safety Evaluations of Finger Lime, Mountain Pepper, and Tamarind in Zebrafish Embryos. <i>Antioxidants</i> , 2022, 11, 1280.	2.2	15
258	Effect of dietary protein on body composition and insulin resistance using a pig model of the child and adolescent. <i>Nutrition and Dietetics</i> , 2008, 65, S60.	0.9	14
259	Basal and hormone-stimulated metabolism in lambs varies with breed and diet quality. <i>Domestic Animal Endocrinology</i> , 2012, 42, 94-102.	0.8	14
260	Dietary lecithin improves dressing percentage and decreases chewiness in the longissimus muscle in finisher gilts. <i>Meat Science</i> , 2014, 96, 1147-1151.	2.7	14
261	Exhaled breath condensate hydrogen peroxide concentration, a novel biomarker for assessment of oxidative stress in sheep during heat stress. <i>Animal Production Science</i> , 2016, 56, 1105.	0.6	14
262	Evaluation of the n-alkane technique for estimating herbage dry matter intake of dairy cows offered herbage harvested at two different stages of growth in summer and autumn. <i>Animal Feed Science and Technology</i> , 2019, 247, 199-209.	1.1	14
263	Maternal Heat Stress Alters Expression of Genes Associated with Nutrient Transport Activity and Metabolism in Female Placentae from Mid-Gestating Pigs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4147.	1.8	14
264	Ractopamine increases glucose turnover without affecting lipogenesis in the pig. <i>Australian Journal of Agricultural Research</i> , 1998, 49, 1147.	1.5	14
265	Seasonal variation in the concentrations of conjugated linoleic and trans fatty acids in milk fat from commercial dairy farms is associated with pasture and grazing management and supplementary feeding practices. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 1062.	1.0	14
266	Biometric Physiological Responses from Dairy Cows Measured by Visible Remote Sensing Are Good Predictors of Milk Productivity and Quality through Artificial Intelligence. <i>Sensors</i> , 2021, 21, 6844.	2.1	14
267	Extraction and characterization of polyphenols from non-conventional edible plants and their antioxidant activities. <i>Food Research International</i> , 2022, 157, 111205.	2.9	14
268	Temporal changes in growth enhancement by ractopamine in pigs: performance aspects. <i>Australian Journal of Agricultural Research</i> , 1993, 44, 1449.	1.5	13
269	Insulin-like growth factor-I and analogues increase growth in artificially-reared neonatal pigs. <i>British Journal of Nutrition</i> , 2002, 87, 587-593.	1.2	13
270	Exogenous porcine somatotropin administered to neonatal pigs at high doses can alter lifetime fat but not lean tissue deposition. <i>British Journal of Nutrition</i> , 2003, 89, 795-801.	1.2	13

#	ARTICLE	IF	CITATIONS
271	Reducing the lysine to energy content in the grower growth phase diet increases intramuscular fat and improves the eating quality of the longissimus thoracis muscle of gilts. Australian Journal of Experimental Agriculture, 2008, 48, 1105.	1.0	13
272	Immunisation against gonadotrophin-releasing hormone (GnRH) increases growth and reduces variability in group-housed boars. Animal Production Science, 2011, 51, 695.	0.6	13
273	Influence of different systems for feeding supplements to grazing dairy cows on milk fatty acid composition. Journal of Dairy Research, 2014, 81, 156-163.	0.7	13
274	The Greater Proportion of Born-Light Progeny from Sows Mated in Summer Contributes to Increased Carcass Fatness Observed in Spring. Animals, 2020, 10, 2080.	1.0	13
275	A Meta-Analysis of the Effectiveness of High, Medium, and Low Voltage Electrical Stimulation on the Meat Quality of Small Ruminants. Foods, 2020, 9, 1587.	1.9	13
276	LC-ESI-QTOF-MS/MS Profiling and Antioxidant Activity of Phenolics from Custard Apple Fruit and By-Products. Separations, 2021, 8, 62.	1.1	13
277	Bioaccessibility and movement of phenolic compounds from tomato (<i>Solanum lycopersicum</i>) during <i>in vitro</i> gastrointestinal digestion and colonic fermentation. Food and Function, 2022, 13, 4954-4966.	2.1	13
278	Extra-virgin and refined olive oils decrease plasma triglyceride, moderately affect lipoprotein oxidation susceptibility and increase bone density in growing pigs. Journal of the Science of Food and Agriculture, 2006, 86, 1955-1963.	1.7	12
279	Dietary Monounsaturated Fat in Early Life Regulates IGFBP2: Implications for Fat Mass Accretion and Insulin Sensitivity. Obesity, 2011, 19, 2374-2381.	1.5	12
280	Nutritional strategies affect carcass and pork quality but have no effect on intramuscular fat content of pork. Animal Production Science, 2012, 52, 276.	0.6	12
281	Standardized ileal digestible lysine requirements of male pigs immunized against gonadotrophin releasing factor1. Journal of Animal Science, 2016, 94, 1982-1992.	0.2	12
282	Functionality and genomics of selenium and vitamin E supplementation in ruminants. Animal Production Science, 2016, 56, 1285.	0.6	12
283	Variation in feeding behavior and milk production among dairy cows when supplemented with 2 amounts of mixed ration in combination with 2 amounts of pasture. Journal of Dairy Science, 2016, 99, 6507-6518.	1.4	12
284	Comparative Assessment of Thermotolerance in Dorper and Second-Cross (Poll Dorset/Merino) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	12
285	Growth hormone but not insulin-like growth factor-I improves wound strength in pigs. Wound Repair and Regeneration, 1997, 5, 168-174.	1.5	11
286	Optimizing conditions for DNA isolation from <i>Pinus radiata</i> . In Vitro Cellular and Developmental Biology - Plant, 1998, 34, 108-111.	0.9	11
287	Effect of growth hormone administration on IGF binding protein-3 mRNA levels in porcine tissues. Journal of Molecular Endocrinology, 1999, 22, 261-272.	1.1	11
288	Artificially extending photoperiod improves milk yield in dairy goats and is most effective in late lactation. Small Ruminant Research, 2013, 113, 179-186.	0.6	11

#	ARTICLE	IF	CITATIONS
289	Effects of Oxytocin Administration on the Response of Piglets to Weaning. <i>Animals</i> , 2015, 5, 545-560.	1.0	11
290	Dietary stimulation of the endogenous somatotrophic axis in weaner and grower-finisher pigs using medium chain triglycerides and cysteamine hydrochloride. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 61.	2.1	11
291	Supplementation of selenium, vitamin E, chromium and betaine above recommended levels improves lactating performance of sows over summer. <i>Tropical Animal Health and Production</i> , 2017, 49, 1461-1469.	0.5	11
292	Guaranteeing the quality and integrity of pork “ An Australian case study. <i>Meat Science</i> , 2018, 144, 186-192.	2.7	11
293	The Impact of Antioxidant Supplementation and Heat Stress on Carcass Characteristics, Muscle Nutritional Profile and Functionality of Lamb Meat. <i>Animals</i> , 2020, 10, 1286.	1.0	11
294	Fat metabolism and turnover.. , 2005, , 345-371.		11
295	Pregnancy but not moderate undernutrition attenuates insulin suppression of fat mobilization in sheep. <i>Journal of Nutrition</i> , 1994, 124, 2431-6.	1.3	11
296	Moderate Doses of Porcine Somatotropin do not Increase Plasma Insulin-Like Growth factor-I (IGF-I) or IGF Binding Protein-3. <i>Domestic Animal Endocrinology</i> , 1999, 16, 149-157.	0.8	10
297	Diets containing high-quality animal proteins increase growth of early-weaned pigs. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 779.	1.5	10
298	The Effect of Soundwaves on Foamability Properties and Sensory of Beers with a Machine Learning Modeling Approach. <i>Beverages</i> , 2018, 4, 53.	1.3	10
299	A comparison of the anatomical and gastrointestinal functional development between gilt and sow progeny around birth and weaning1. <i>Journal of Animal Science</i> , 2019, 97, 3809-3822.	0.2	10
300	Effect of a polyphenol-rich plant matrix on colonic digestion and plasma antioxidant capacity in a porcine model. <i>Journal of Functional Foods</i> , 2019, 57, 211-221.	1.6	10
301	Dietary nano chromium picolinate can ameliorate some of the impacts of heat stress in cross-bred sheep. <i>Animal Nutrition</i> , 2021, 7, 198-205.	2.1	10
302	Non-invasive measure of heat stress in sheep using machine learning techniques and infrared thermography. <i>Small Ruminant Research</i> , 2022, 207, 106592.	0.6	10
303	A two-pool model of tritiated water kinetics to predict body composition in unfasted lactating goats. <i>Animal Science</i> , 1988, 47, 435-445.	1.3	9
304	Seasonal variation in milk production and cheese yield from commercial dairy farms located in northern Victoria is associated with pasture and grazing management and supplementary feeding practices. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 509.	1.0	9
305	Altered “set-point” of the hypothalamus determines effects of cortisol on food intake, adiposity, and metabolic substrates in sheep. <i>Domestic Animal Endocrinology</i> , 2010, 38, 46-56.	0.8	9
306	Dietary ractopamine promotes growth, feed efficiency and carcass responses over a wide range of available lysine levels in finisher boars and gilts. <i>Animal Production Science</i> , 2013, 53, 8.	0.6	9

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307	Dietary Lecithin Decreases Skeletal Muscle COL1A1 and COL3A1 Gene Expression in Finisher Gilts. <i>Animals</i> , 2016, 6, 38.	1.0	9
308	Application of small angle X-ray scattering synchrotron technology for measuring ovine meat quality. <i>Meat Science</i> , 2016, 117, 122-129.	2.7	9
309	Responses of dairy cows with divergent residual feed intake as calves to metabolic challenges during midlactation and the nonlactating period. <i>Journal of Dairy Science</i> , 2018, 101, 6474-6485.	1.4	9
310	Diet composition and slaughter age up to 24 weeks have minimal impact on pork eating quality of loin steaks and silverside roasts from female pigs. <i>Meat Science</i> , 2018, 135, 94-101.	2.7	9
311	Statistical modelling coupled with LC-MS analysis to predict human upper intestinal absorption of phytochemical mixtures. <i>Food Chemistry</i> , 2018, 245, 353-363.	4.2	9
312	The Effect of Sonication on Bubble Size and Sensory Perception of Carbonated Water to Improve Quality and Consumer Acceptability. <i>Beverages</i> , 2019, 5, 58.	1.3	9
313	Colostrum Protein Isolate Increases Gut and Whole Body Growth and Plasma IGF-I in Neonatal Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2011, 24, 670-677.	2.4	9
314	Bioaccessibility of phenolic compounds from sesame seeds (<i>Sesamum indicum</i> L.) during in vitro gastrointestinal digestion and colonic fermentation. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	0.9	9
315	Evaluation of common vetch (<i>Vicia sativa</i> cv. Morava) for growing pigs. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 699.	1.0	8
316	Responses to metabolic challenges in dairy cows with high or low milk yield during an extended lactation. <i>Journal of Dairy Science</i> , 2019, 102, 4590-4605.	1.4	8
317	The influence of dietary energy intake on growth performance and tissue deposition in pigs between 80 and 120 kg liveweight. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 1271.	1.5	8
318	Sex and porcine somatotropin impact on variation in growth performance and back fat thickness. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 677.	1.0	8
319	Porcine somatotropin alters body composition and the distribution of fat and lean tissue in the finisher gilt. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 683.	1.0	8
320	Inhibition of endogenous nitric oxide production influences ovine hindlimb metabolism independently of insulin concentrations ¹ . <i>Journal of Animal Science</i> , 2004, 82, 2558-2567.	0.2	7
321	Repeatability of pig body composition measurements using dual energy X-ray absorptiometry and influence of animal size and subregional analyses. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 1447.	1.0	7
322	Reduced protein intake during the weaner period has variable effects on subsequent growth and carcass composition of pigs. <i>Australian Journal of Experimental Agriculture</i> , 2007, 47, 1333.	1.0	7
323	Mesenteric Infusion of a Volatile Fatty Acid Prevents Body Weight Loss and Transiently Restores Luteinising Hormone Pulse Frequency in Ovariectomised, Food-Restricted Ewes. <i>Journal of Neuroendocrinology</i> , 2011, 23, 699-710.	1.2	7
324	Effects of β^2 -agonist zilpaterol hydrochloride feeding and supplementation period on growth and carcass characteristics of Lori-Bakhtiari lambs. <i>Small Ruminant Research</i> , 2014, 119, 65-71.	0.6	7

#	ARTICLE	IF	CITATIONS
325	Neonatal oxytocin administration and supplemental milk ameliorate the weaning transition and alter hormonal expression in the gastrointestinal tract in pigs. <i>Domestic Animal Endocrinology</i> , 2015, 51, 19-26.	0.8	7
326	Effect of feed restriction and initial body weight on growth performance, body composition, and hormones in male pigs immunized against gonadotropin-releasing factor12. <i>Journal of Animal Science</i> , 2016, 94, 3966-3977.	0.2	7
327	Guaranteeing consistently high quality Australian pork: are we any closer?. <i>Animal Production Science</i> , 2017, 57, 2386.	0.6	7
328	Breed and Nutrition Effects on Meat Quality and Retail Color after Lamb Pre-Slaughter Stress. <i>Meat and Muscle Biology</i> , 2019, 3, .	0.7	7
329	Impact of COVID-19 on the Australian pork industry. <i>Animal Frontiers</i> , 2021, 11, 19-22.	0.8	7
330	Producing milk with uniform high selenium concentrations on commercial dairy farms. <i>Animal Production Science</i> , 2011, 51, 87.	0.6	7
331	Metabolic and production responses to different porcine somatotropin injection regimes in pigs. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 785.	1.5	7
332	A short-term supranutritional vitamin E supplementation alleviated respiratory alkalosis but did not reduce oxidative stress in heat stressed pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 263-269.	2.4	7
333	Assessment of the bioaccessibility of phenolics from Australian grown lettuces by in vitro simulated gastrointestinal digestion and colonic fermentation. <i>Food Bioscience</i> , 2022, 48, 101754.	2.0	7
334	Reducing the Fermentability of Wheat with a Starch Binding Agent Reduces Some of the Negative Effects of Heat Stress in Sheep. <i>Animals</i> , 2022, 12, 1396.	1.0	7
335	Dual energy X-ray absorptiometry predicts the effects of dietary protein on body composition of pigs. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 1439.	1.0	6
336	Early weaning has minimal effects on lifetime growth performance and body composition of pigs. <i>Animal Production Science</i> , 2010, 50, 79.	0.6	6
337	Porcine somatotropin alters insulin response in growing pigs by reducing insulin sensitivity rather than changing responsiveness. <i>Domestic Animal Endocrinology</i> , 2012, 43, 37-46.	0.8	6
338	Current recommended levels of dietary lysine in finisher pig diets are sufficient to maximise the response to ractopamine over 28 days but are insufficient in the first 7 days. <i>Animal Production Science</i> , 2013, 53, 38.	0.6	6
339	Transport rates of dietary phytochemicals in cell monolayers is inversely correlated with absorption kinetics in humans. <i>Journal of Functional Foods</i> , 2017, 39, 206-214.	1.6	6
340	Quantifying production, processing and post-slaughter effects on pork eating quality using random effects meta-regression1. <i>Translational Animal Science</i> , 2017, 1, 412-425.	0.4	6
341	Validating post-slaughter interventions to produce consistently high quality pork cuts from female and immunocastrated male pigs. <i>Meat Science</i> , 2018, 142, 14-22.	2.7	6
342	Eating quality traits of shoulder roast and stir fry cuts outperformed loin and silverside cuts sourced from entire and immunocastrated male pigs. <i>Meat Science</i> , 2018, 136, 104-115.	2.7	6

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343	Dietary lecithin improves feed efficiency without impacting meat quality in immunocastrated male pigs and gilts fed a summer ration containing added fat. <i>Animal Nutrition</i> , 2018, 4, 203-209.	2.1	6
344	Comparison of grain-based diet supplemented with synthetic vitamin E and lucerne hay-based diet on blood oxidative stress biomarkers and lamb meat quality. <i>Small Ruminant Research</i> , 2019, 177, 146-152.	0.6	6
345	Effects of Imagery as Visual Stimuli on the Physiological and Emotional Responses. <i>J</i> , 2019, 2, 206-225.	0.6	6
346	Basal diet and indigestible marker influence apparent digestibilities of nitrogen and amino acids of cottonseed meal and soybean meal in pigs. <i>Animal Nutrition</i> , 2019, 5, 234-240.	2.1	6
347	Feeding Conjugated Linoleic Acid without a Combination of Medium-Chain Fatty Acids during Late Gestation and Lactation Improves Pre-Weaning Survival Rates of Gilt and Sow Progeny. <i>Animals</i> , 2019, 9, 62.	1.0	6
348	Evaluation of Sugarcane-Derived Polyphenols on the Pre-Weaning and Post-Weaning Growth of Gilt Progeny. <i>Animals</i> , 2020, 10, 984.	1.0	6
349	Abattoir Factors Influencing the Incidence of Dark Cutting in Australian Grain-Fed Beef. <i>Animals</i> , 2021, 11, 474.	1.0	6
350	Towards Sustainable Livestock Production: Estimation of Methane Emissions and Dietary Interventions for Mitigation. <i>Sustainability</i> , 2021, 13, 6081.	1.6	6
351	Impact of heat stress on the growth performance and retail meat quality of 2nd cross (Poll) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.7	6
352	Dietary Lecithin Supplementation Can Improve the Quality of the M. Longissimus thoracis. <i>Animals</i> , 2015, 5, 1180-1191.	1.0	6
353	Supplemental Fermented Milk Increases Growth Performance of Early-Weaned Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2000, 13, 511-515.	2.4	6
354	Nutritional Strategies to Alleviate Heat Stress in Sheep. , 2017, , 371-388.		6
355	Digital Integration and Automated Assessment of Eye-Tracking and Emotional Response Data Using the BioSensory App to Maximize Packaging Label Analysis. <i>Sensors</i> , 2021, 21, 7641.	2.1	6
356	Relationship between energy intake and growth performance and body composition in pigs selected for low backfat thickness. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	6
357	Bioaccessibility and Bioavailability of Phenolic Compounds in Seaweed. <i>Food Reviews International</i> , 2023, 39, 5729-5760.	4.3	6
358	Biology and regulation of carcass composition. , 2009, , 19-60.		5
359	The Effect of Lupinus albus and Calcium Chloride on Growth Performance, Body Composition, Plasma Biochemistry and Meat Quality of Male Pigs Immunized Against Gonadotrophin Releasing Factor. <i>Animals</i> , 2016, 6, 78.	1.0	5
360	Responses of plasma glucose and nonesterified fatty acids to intravenous insulin tolerance tests in dairy cows during a 670-day lactation. <i>Journal of Dairy Science</i> , 2017, 100, 3272-3281.	1.4	5

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361	Role of the gut, melanocortin system and malonyl-CoA in control of feed intake in non-ruminant animals. <i>Animal Production Science</i> , 2018, 58, 627.	0.6	5
362	Evaluation of the n-alkane technique for estimating the individual intake of dairy cows consuming diets containing herbage and a partial mixed ration. <i>Animal Feed Science and Technology</i> , 2020, 265, 114524.	1.1	5
363	Reducing rumen starch fermentation of wheat with 3% NaOH does not reduce whole tract starch digestibility and increases energy utilization in wethers during heat stress. <i>Small Ruminant Research</i> , 2021, 204, 106523.	0.6	5
364	Relationships between in vivo and in vitro lipid metabolism in lactating goats. <i>Australian Journal of Agricultural Research</i> , 2000, 51, 139.	1.5	5
365	The apparent ileal digestibility of amino acids in common vetch (<i>Vicia sativa</i> cv. Morava). <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 705.	1.0	5
366	Understanding dominance: The effect of changing the definition of dominance when using TDS with consumers. <i>Journal of Sensory Studies</i> , 2022, 37, .	0.8	5
367	Dietary conjugated linoleic acid improves carcass leanness without altering meat quality in the growing pig. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 691.	1.0	4
368	Milk production and body composition of single-bearing East Friesian–Romney and Border Leicester–Merino ewes. <i>Small Ruminant Research</i> , 2015, 131, 123-129.	0.6	4
369	Physiological Effects of Ergot Alkaloid and Indole-Diterpene Consumption on Sheep under Hot and Thermoneutral Ambient Temperature Conditions. <i>Animals</i> , 2016, 6, 37.	1.0	4
370	The Effect of <i>Lupinus albus</i> on Growth Performance, Body Composition and Satiety Hormones of Male Pigs Immunized against Gonadotrophin Releasing Factor. <i>Animals</i> , 2017, 7, 15.	1.0	4
371	Dietary Inclusion of 1,3-Butanediol Increases Dam Circulating Ketones and Increases Progeny Birth Weight. <i>Animals</i> , 2019, 9, 479.	1.0	4
372	Dietary lysine requirements of heavy and light pigs weaned at 14 days of age. <i>Australian Journal of Agricultural Research</i> , 2000, 51, 531.	1.5	4
373	Insulin-like growth factor-I and analogues increase growth in artificially-reared neonatal pigs. <i>British Journal of Nutrition</i> , 2002, 87, 587-593.	1.2	4
374	Digital technologies to assess yoghurt quality traits and consumers acceptability. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 5642-5652.	1.7	4
375	Effects of dietary conjugated linoleic acid on haematological and humoral responses in the grower pig. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 711.	1.5	3
376	Replacing starch with fat in the diet is more effective at enhancing overall performance in finisher than grower pigs. <i>Journal of Agricultural Science</i> , 2015, 153, 1107-1115.	0.6	3
377	Reduced growth performance in gilt progeny is not improved by segregation from sow progeny in the grower–finisher phase. <i>Animal</i> , 2019, 13, 2232-2241.	1.3	3
378	An Extended Photoperiod Increases Milk Yield and Decreases Ovulatory Activity in Dairy Goats. <i>Animals</i> , 2020, 10, 1879.	1.0	3

#	ARTICLE	IF	CITATIONS
379	Nano Chromium Picolinate Improves Gene Expression Associated with Insulin Signaling in Porcine Skeletal Muscle and Adipose Tissue. <i>Animals</i> , 2020, 10, 1685.	1.0	3
380	Compensatory feeding during early gestation for sows with a high weight loss after a summer lactation increased piglet birth weight but reduced litter size. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	3
381	Assessment of Feed Value of Chicory and Lucerne for Poultry, Determination of Bioaccessibility of Their Polyphenols and Their Effects on Caecal Microbiota. <i>Fermentation</i> , 2022, 8, 237.	1.4	3
382	Optimized conditions for rapid analysis in <i>Pinus radiata</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 1998, 34, 225-230.	0.9	2
383	Plasma glucose and nonesterified fatty acids response to epinephrine challenges in dairy cows during a 670-d lactation. <i>Journal of Dairy Science</i> , 2018, 101, 3501-3513.	1.4	2
384	Electrical stimulation or moisture infusion improves the eating quality attributes of loin and silverside cuts from female and immunocastrated male pigs. <i>Meat Science</i> , 2018, 143, 257-267.	2.7	2
385	Perennial Ryegrass Alkaloids Increase Respiration Rate and Decrease Plasma Prolactin in Merino Sheep under Both Thermoneutral and Mild Heat Conditions. <i>Toxins</i> , 2019, 11, 479.	1.5	2
386	Mixed Mode Retention and the Use of Competing Acid for the Ag+-HPLC Analysis of Underivatized Conjugated Linoleic Acids. , 2000, 23, 317.		2
387	Production and physiological effects of perennial ryegrass alkaloids under thermoneutral conditions in Merinos. <i>Animal Production Science</i> , 2016, 56, 1629.	0.6	2
388	The effect of pre-slaughter factors on meat quality varies between muscle cuts. <i>Animal Production Science</i> , 2017, 57, 2486.	0.6	2
389	Effects of Raw and Pasteurized Camel Milk on Metabolic Responses in Pigs Fed a High-Fat Diet. <i>Animals</i> , 2022, 12, 1701.	1.0	2
390	Short-Term Infusion of LongR3 Insulin-like Growth Factor (IGF)-I Decreases Hepatic IGF-I mRNA but Not IGF Binding Protein-3 mRNA Expression in Pigs. <i>General and Comparative Endocrinology</i> , 2002, 126, 221-228.	0.8	1
391	Sheep category can be classified using machine learning techniques applied to fatty acid profiles derivatised as trimethylsilyl esters. <i>Animal Production Science</i> , 2010, 50, 782.	0.6	1
392	The β -adrenergic agonist (BRL35135A) acutely increases oxygen consumption and plasma intermediate metabolites in sheep. <i>Animal Production Science</i> , 2011, 51, 881.	0.6	1
393	Influence of housing type and age in female pigs. 1. Effects on growth performance and fat deposition and distribution in the carcasses of female Large White \times Landrace pigs grown from 5.5 to 120 kg liveweight. <i>Animal Production Science</i> , 2011, 51, 426.	0.6	1
394	The β -adrenergic agonist (BRL35135A) improves feed efficiency and decreases visceral but not subcutaneous fat in lambs. <i>Small Ruminant Research</i> , 2013, 109, 128-132.	0.6	1
395	Sa1441 Gas Sensor Capsules: A New Paradigm in Gastroenterology for Assessing Functional Roles of the Gut Microbiota. <i>Gastroenterology</i> , 2016, 150, S316-S317.	0.6	1
396	Differences in Thermoregulatory Responses between Dorper and Second Cross Lambs to Heat Stress Challenges. <i>Proceedings (mdpi)</i> , 2019, 36, 155.	0.2	1

#	ARTICLE	IF	CITATIONS
397	Eco-Intensified Breeding Strategies for Improving Climate Resilience in Goats. , 2021, , 627-655.		1
398	Immunisation against gonadotrophin releasing factor increases fat deposition in finisher pigs. Animal Production Science, 2015, 55, 1472.	0.6	1
399	Bioavailability of selenium from selenium-enriched milk assessed in the artificially-reared neonatal pig. FASEB Journal, 2006, 20, A151.	0.2	1
400	The effect of heat stress on respiratory alkalosis, blood acid base balance and insulin sensitivity in cinnamon supplemented pigs. Animal Production Science, 2017, 57, 2415.	0.6	1
401	Deep litter housed pigs have a faster pH decline compared to conventional housed pigs. Animal Production Science, 2017, 57, 2489.	0.6	1
402	Feeding Sows Lucerne, or Diets with Similar Energy and Nutritional Profiles to Lucerne, Improves the Pre-Weaning Performance of Piglets. Agriculture (Switzerland), 2021, 11, 1146.	1.4	1
403	Impact of Heatwaves on the Physiology and Retail Meat Quality of Lambs. Foods, 2022, 11, 414.	1.9	1
404	Influence of housing type and age in female pigs. 2. Effects on biochemical indicators of fat metabolism and the fatty acid profile of belly fat and back fat depots. Animal Production Science, 2011, 51, 434.	0.6	0
405	MEAT, ANIMAL, POULTRY AND FISH PRODUCTION AND MANAGEMENT Bovine and Porcine Somatotropin. , 2014, , 181-185.		0
406	Digestive physiology of pigs 2018. Animal, 2019, 13, 2687-2688.	1.3	0
407	Association of Thermotolerance with Milk Production, Feed Saver, Fertility and Fat Percentage Breeding Values in Holstein Friesian Dairy Cattle. Proceedings (mdpi), 2020, 36, .	0.2	0
408	Adaptive and Productive Sheep Breed for Changing Climate. Proceedings (mdpi), 2020, 36, .	0.2	0
409	Impacts of Heat Stress on the Physiological and Production Responses of Lactating Dairy Cows Grazing Pastures over Hot Summer Months. Proceedings (mdpi), 2020, 36, .	0.2	0
410	Increasing the Dietary Concentration of Lupinus albus L. Decreased Feed Intake and Daily Gain of Immunocastrated Male Pigs. Animals, 2021, 11, 1866.	1.0	0
411	Body Condition Score, Rumination, Intake, Milk Production and Milk Composition of Grazing Dairy Cows Supplemented with Rumen-Protected Lysine and Methionine. Dairy, 2021, 2, 462-468.	0.7	0
412	IGF-I is not a useful marker for nutritional status in the growing pig under commercial conditions. Australian Journal of Agricultural Research, 2001, 52, 603.	1.5	0
413	Modelling passive absorption properties of phytochemicals using physicochemical properties. Acta Horticulturae, 2015, , 211-218.	0.1	0
414	Rosiglitazone maleate increases weight gain and body fat content in growing lambs. Animal Production Science, 2016, 56, 1185.	0.6	0

#	ARTICLE	IF	CITATIONS
415	Applications of Genetic Selection in Breeding for Thermo-Tolerance in Livestock. , 2021, , 185-194.		0