

Frank Dunshea

List of Publications by Year in descending order

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Version: 2024-02-01

415
papers

13,245
citations

30551

56
h-index

60403

85
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426
all docs

426
docs citations

426
times ranked

9151
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of processing and storage on protein digestibility and bioavailability of legumes. Food Reviews International, 2023, 39, 4697-4724.	4.3	21
2	Bioaccessibility and Bioavailability of Phenolic Compounds in Seaweed. Food Reviews International, 2023, 39, 5729-5760.	4.3	6
3	The Quest for Phenolic Compounds from Seaweed: Nutrition, Biological Activities and Applications. Food Reviews International, 2023, 39, 5786-5813.	4.3	16
4	Meat tenderness: advances in biology, biochemistry, molecular mechanisms and new technologies. Meat Science, 2022, 185, 108657.	2.7	71
5	Meta-analysis of the relationship between collagen characteristics and meat tenderness. Meat Science, 2022, 185, 108717.	2.7	26
6	Non-invasive measure of heat stress in sheep using machine learning techniques and infrared thermography. Small Ruminant Research, 2022, 207, 106592.	0.6	10
7	Review: What have we learned about the effects of heat stress on the pig industry?. Animal, 2022, 16, 100349.	1.3	20
8	Impact of Heatwaves on the Physiology and Retail Meat Quality of Lambs. Foods, 2022, 11, 414.	1.9	1
9	Plant and Dairy-Based Yogurts: A Comparison of Consumer Sensory Acceptability Linked to Textural Analysis. Foods, 2022, 11, 463.	1.9	24
10	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
11	Extraction and characterization of polyphenols from non-conventional edible plants and their antioxidant activities. Food Research International, 2022, 157, 111205.	2.9	14
12	Digital technologies to assess yoghurt quality traits and consumers acceptability. Journal of the Science of Food and Agriculture, 2022, 102, 5642-5652.	1.7	4
13	Screening of phenolic compounds in australian grown grapes and their potential antioxidant activities. Food Bioscience, 2022, 47, 101644.	2.0	20
14	Bioaccessibility and bioactivities of phenolic compounds from roasted coffee beans during <i>in vitro</i> digestion and colonic fermentation. Food Chemistry, 2022, 386, 132794.	4.2	25
15	Bioaccessibility of phenolic compounds from sesame seeds (<i>Sesamum indicum</i> L.) during <i>in vitro</i> gastrointestinal digestion and colonic fermentation. Journal of Food Processing and Preservation, 2022, 46, .	0.9	9
16	Assessment of the bioaccessibility of phenolics from Australian grown lettuces by <i>in vitro</i> simulated gastrointestinal digestion and colonic fermentation. Food Bioscience, 2022, 48, 101754.	2.0	7
17	Understanding <i>dominance</i> : The effect of changing the definition of <i>dominance</i> when using <i>TDS</i> with consumers. Journal of Sensory Studies, 2022, 37, .	0.8	5
18	Bioaccessibility and bioavailability changes of phenolic compounds in pumpkins (<i>Cucurbita moschata</i>): A review. Food Bioscience, 2022, 47, 101753.	2.0	17

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19	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
20	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
21	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
22	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
23	Phytochemical and Safety Evaluations of Finger Lime, Mountain Pepper, and Tamarind in Zebrafish Embryos. <i>Antioxidants</i> , 2022, 11, 1280.	2.2	15
24	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
25	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
26	Abattoir Factors Influencing the Incidence of Dark Cutting in Australian Grain-Fed Beef. <i>Animals</i> , 2021, 11, 474.	1.0	6
27	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
28	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
29	Phenolic Profiling of Five Different Australian Grown Apples. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2421.	1.3	19
30	Heat Stress and Goat Welfare: Adaptation and Production Considerations. <i>Animals</i> , 2021, 11, 1021.	1.0	43
31	Characterization of Phenolics in Rejected Kiwifruit and Their Antioxidant Potential. <i>Processes</i> , 2021, 9, 781.	1.3	20
32	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
33	Towards Sustainable Livestock Production: Estimation of Methane Emissions and Dietary Interventions for Mitigation. <i>Sustainability</i> , 2021, 13, 6081.	1.6	6
34	LC-ESI-QTOF-MS/MS Profiling and Antioxidant Activity of Phenolics from Custard Apple Fruit and By-Products. <i>Separations</i> , 2021, 8, 62.	1.1	13
35	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
36	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

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37	Comprehensive Profiling of Most Widely Used Spices for Their Phenolic Compounds through LC-ESI-QTOF-MS2 and Their Antioxidant Potential. <i>Antioxidants</i> , 2021, 10, 721.	2.2	66
38	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
39	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
40	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
41	Increasing the Dietary Concentration of <i>Lupinus albus</i> L. Decreased Feed Intake and Daily Gain of Immunocastrated Male Pigs. <i>Animals</i> , 2021, 11, 1866.	1.0	0
42	LC-ESI/QTOF-MS Profiling of Chicory and Lucerne Polyphenols and Their Antioxidant Activities. <i>Antioxidants</i> , 2021, 10, 932.	2.2	27
43	Cinnamon: A Natural Feed Additive for Poultry Health and Production—A Review. <i>Animals</i> , 2021, 11, 2026.	1.0	48
44	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
45	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
46	Body Condition Score, Rumination, Intake, Milk Production and Milk Composition of Grazing Dairy Cows Supplemented with Rumen-Protected Lysine and Methionine. <i>Dairy</i> , 2021, 2, 462-468.	0.7	0
47	Screening and Characterization of Phenolic Compounds from Australian Grown Bananas and Their Antioxidant Capacity. <i>Antioxidants</i> , 2021, 10, 1521.	2.2	41
48	Review: Improving the nutritional, sensory and market value of meat products from sheep and cattle. <i>Animal</i> , 2021, 15, 100356.	1.3	22
49	Feeding a high oleic acid (C18:1) diet improves pleasing flavor attributes in pork. <i>Food Chemistry</i> , 2021, 357, 129770.	4.2	19
50	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
51	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 5	2.7	6
52	Impact of COVID-19 on the Australian pork industry. <i>Animal Frontiers</i> , 2021, 11, 19-22.	0.8	7
53	Eco-Intensified Breeding Strategies for Improving Climate Resilience in Goats. , 2021, , 627-655.		1
54	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

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55	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
56	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
57	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
58	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
59	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
60	Feeding Sows Lucerne, or Diets with Similar Energy and Nutritional Profiles to Lucerne, Improves the Pre-Weaning Performance of Piglets. <i>Agriculture (Switzerland)</i> , 2021, 11, 1146.	1.4	1
61	Applications of Genetic Selection in Breeding for Thermo-Tolerance in Livestock. , 2021, , 185-194.		0
62	Association of Thermotolerance with Milk Production, Feed Saver, Fertility and Fat Percentage Breeding Values in Holstein Friesian Dairy Cattle. <i>Proceedings (mdpi)</i> , 2020, 36, .	0.2	0
63	Adaptive and Productive Sheep Breed for Changing Climate. <i>Proceedings (mdpi)</i> , 2020, 36, .	0.2	0
64	Impacts of Heat Stress on the Physiological and Production Responses of Lactating Dairy Cows Grazing Pastures over Hot Summer Months. <i>Proceedings (mdpi)</i> , 2020, 36, .	0.2	0
65	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
66	Effects of heat stress on animal physiology, metabolism, and meat quality: A review. <i>Meat Science</i> , 2020, 162, 108025.	2.7	217
67	LC-ESI-QTOF/MS Characterization of Phenolic Compounds from Medicinal Plants (Hops and Juniper) Tj ETQq1 1 0.784314 rgBT /Overl 1.9 106		
68	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
69	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
70	The Greater Proportion of Born-Light Progeny from Sows Mated in Summer Contributes to Increased Carcass Fatness Observed in Spring. <i>Animals</i> , 2020, 10, 2080.	1.0	13
71	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
72	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

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73	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
74	An Extended Photoperiod Increases Milk Yield and Decreases Ovulatory Activity in Dairy Goats. <i>Animals</i> , 2020, 10, 1879.	1.0	3
75	Betaine and Isoquinoline Alkaloids Protect against Heat Stress and Colonic Permeability in Growing Pigs. <i>Antioxidants</i> , 2020, 9, 1024.	2.2	19
76	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
77	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
78	Screening and Characterization of Phenolic Compounds and Their Antioxidant Capacity in Different Fruit Peels. <i>Foods</i> , 2020, 9, 1206.	1.9	160
79	Gut Microbiota-Polyphenol Interactions in Chicken: A Review. <i>Animals</i> , 2020, 10, 1391.	1.0	45
80	Comparative Assessment of Thermotolerance in Dorper and Second-Cross (Poll Dorset/Merino ×) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	12
81	A Meta-Analysis of the Effectiveness of High, Medium, and Low Voltage Electrical Stimulation on the Meat Quality of Small Ruminants. <i>Foods</i> , 2020, 9, 1587.	1.9	13
82	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
83	Resilience of Small Ruminants to Climate Change and Increased Environmental Temperature: A Review. <i>Animals</i> , 2020, 10, 867.	1.0	86
84	Heat Stress Impacts on Lactating Cows Grazing Australian Summer Pastures on an Automatic Robotic Dairy. <i>Animals</i> , 2020, 10, 869.	1.0	49
85	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
86	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
87	Remotely Sensed Imagery for Early Detection of Respiratory Disease in Pigs: A Pilot Study. <i>Animals</i> , 2020, 10, 451.	1.0	26
88	LC-ESI-QTOF-MS/MS Characterization of Seaweed Phenolics and Their Antioxidant Potential. <i>Marine Drugs</i> , 2020, 18, 331.	2.2	81
89	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
90	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

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91	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
92	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
93	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
94	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
95	The Effect of Heat Stress on Respiratory Alkalosis and Insulin Sensitivity in Cinnamon Supplemented Pigs. <i>Animals</i> , 2020, 10, 690.	1.0	15
96	Exploring Meal and Snacking Behaviour of Older Adults in Australia and China. <i>Foods</i> , 2020, 9, 426.	1.9	19
97	The Use of Biochemical Measurements to Identify Pre-Slaughter Stress in Pasture Finished Beef Cattle. <i>Animals</i> , 2019, 9, 503.	1.0	18
98	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
99	Physiological Responses to Basic Tastes for Sensory Evaluation of Chocolate Using Biometric Techniques. <i>Foods</i> , 2019, 8, 243.	1.9	35
100	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
101	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
102	Dietary Inclusion of 1,3-Butanediol Increases Dam Circulating Ketones and Increases Progeny Birth Weight. <i>Animals</i> , 2019, 9, 479.	1.0	4
103	Effects of Imagery as Visual Stimuli on the Physiological and Emotional Responses. <i>J</i> , 2019, 2, 206-225.	0.6	6
104	A comparison of the anatomical and gastrointestinal functional development between gilt and sow progeny around birth and weaning. <i>Journal of Animal Science</i> , 2019, 97, 3809-3822.	0.2	10
105	Digestive physiology of pigs 2018. <i>Animal</i> , 2019, 13, 2687-2688.	1.3	0
106	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
107	Chocolate Quality Assessment Based on Chemical Fingerprinting Using Near Infra-red and Machine Learning Modeling. <i>Foods</i> , 2019, 8, 426.	1.9	17
108	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

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109	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
110	The Impact of Pre-Slaughter Stress on Beef Eating Quality. <i>Animals</i> , 2019, 9, 612.	1.0	17
111	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
112	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
113	LC-ESI-QTOF/MS Characterisation of Phenolic Acids and Flavonoids in Polyphenol-Rich Fruits and Vegetables and Their Potential Antioxidant Activities. <i>Antioxidants</i> , 2019, 8, 405.	2.2	116
114	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
115	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
116	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
117	Reduced growth performance in gilt progeny is not improved by segregation from sow progeny in the growerâ€™ finisher phase. <i>Animal</i> , 2019, 13, 2232-2241.	1.3	3
118	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
119	Chemical characterization of aromas in beer and their effect on consumers liking. <i>Food Chemistry</i> , 2019, 293, 479-485.	4.2	60
120	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
121	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
122	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
123	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
124	Betaine Improves Milk Yield in Grazing Dairy Cows Supplemented with Concentrates at High Temperatures. <i>Animals</i> , 2019, 9, 57.	1.0	31
125	Primiparous and Multiparous Sows Have Largely Similar Colostrum and Milk Composition Profiles Throughout Lactation. <i>Animals</i> , 2019, 9, 35.	1.0	23
126	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

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127	Differences in Thermoregulatory Responses between Dorper and Second Cross Lambs to Heat Stress Challenges. <i>Proceedings (mdpi)</i> , 2019, 36, 155.	0.2	1
128	Genetic Selection for Thermotolerance in Ruminants. <i>Animals</i> , 2019, 9, 948.	1.0	46
129	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
130	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
131	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
132	Emerging Technologies Based on Artificial Intelligence to Assess the Quality and Consumer Preference of Beverages. <i>Beverages</i> , 2019, 5, 62.	1.3	51
133	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
134	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
135	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
136	Adaptation strategies: ruminants. <i>Animal Frontiers</i> , 2019, 9, 47-53.	0.8	69
137	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
138	Cross-cultural effects of food product familiarity on sensory acceptability and non-invasive physiological responses of consumers. <i>Food Research International</i> , 2019, 115, 439-450.	2.9	87
139	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
140	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
141	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
142	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
143	Guaranteeing the quality and integrity of pork "An Australian case study. <i>Meat Science</i> , 2018, 144, 186-192.	2.7	11
144	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

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145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	Climate Change and Goat Production: Enteric Methane Emission and Its Mitigation. <i>Animals</i> , 2018, 8, 235.	1.0	30
155	Development of a Biosensory Computer Application to Assess Physiological and Emotional Responses from Sensory Panelists. <i>Sensors</i> , 2018, 18, 2958.	2.1	44
156	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
157	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
158	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
159	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
160	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
161	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
162	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

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164	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
165	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
166	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
167	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
168	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
169	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
170	Systematic review of emerging and innovative technologies for meat tenderisation. <i>Meat Science</i> , 2017, 132, 72-89.	2.7	102
171	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
172	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
173	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
174	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
175	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
176	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
177	Quantifying production, processing and post-slaughter effects on pork eating quality using random effects meta-regression ¹ . <i>Translational Animal Science</i> , 2017, 1, 412-425.	0.4	6
178	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
179	Dietary Phytochemicals Promote Health by Enhancing Antioxidant Defence in a Pig Model. <i>Nutrients</i> , 2017, 9, 758.	1.7	23
180	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

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181	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
182	Guaranteeing consistently high quality Australian pork: are we any closer?. <i>Animal Production Science</i> , 2017, 57, 2386.	0.6	7
183	The effect of heat stress on respiratory alkalosis, blood acid base balance and insulin sensitivity in cinnamon supplemented pigs. <i>Animal Production Science</i> , 2017, 57, 2415.	0.6	1
184	Nutritional Strategies to Alleviate Heat Stress in Sheep. , 2017, , 371-388.		6
185	The effect of pre-slaughter factors on meat quality varies between muscle cuts. <i>Animal Production Science</i> , 2017, 57, 2486.	0.6	2
186	Deep litter housed pigs have a faster pH decline compared to conventional housed pigs. <i>Animal Production Science</i> , 2017, 57, 2489.	0.6	1
187	Metabolic modifiers as performance-enhancing technologies for livestock production. <i>Animal Frontiers</i> , 2016, 6, 6-14.	0.8	16
188	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
189	Dietary Lecithin Decreases Skeletal Muscle COL1A1 and COL3A1 Gene Expression in Finisher Gilts. <i>Animals</i> , 2016, 6, 38.	1.0	9
190	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
191	The Effect of <i>Lupinus albus</i> 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
192	Standardized ileal digestible lysine requirements of male pigs immunized against gonadotrophin releasing factor1. <i>Journal of Animal Science</i> , 2016, 94, 1982-1992.	0.2	12
193	Selenium and vitamin E together improve intestinal epithelial barrier function and alleviate oxidative stress in heat-stressed pigs. <i>Experimental Physiology</i> , 2016, 101, 801-810.	0.9	129
194	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
195	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
196	Functionality and genomics of selenium and vitamin E supplementation in ruminants. <i>Animal Production Science</i> , 2016, 56, 1285.	0.6	12
197	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
198	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

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199	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
200	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
201	Effect of feed restriction and initial body weight on growth performance, body composition, and hormones in male pigs immunized against gonadotropin-releasing factor ² . <i>Journal of Animal Science</i> , 2016, 94, 3966-3977.	0.2	7
202	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. <i>Journal of Dairy Science</i> , 2016, 99, 6507-6518.	1.4	12
203	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
204	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
205	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
206	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
207	Intestinal Gas Capsules: A Proof-of-Concept Demonstration. <i>Gastroenterology</i> , 2016, 150, 37-39.	0.6	56
208	Production and physiological effects of perennial ryegrass alkaloids under thermoneutral conditions in Merinos. <i>Animal Production Science</i> , 2016, 56, 1629.	0.6	2
209	Rosiglitazone maleate increases weight gain and body fat content in growing lambs. <i>Animal Production Science</i> , 2016, 56, 1185.	0.6	0
210	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
211	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
212	Effects of Oxytocin Administration on the Response of Piglets to Weaning. <i>Animals</i> , 2015, 5, 545-560.	1.0	11
213	Nutritional strategies to alleviate heat stress in pigs. <i>Animal Production Science</i> , 2015, 55, 1391.	0.6	49
214	Invited review: An evaluation of the likely effects of individualized feeding of concentrate supplements to pasture-based dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 1363-1401.	1.4	79
215	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
216	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

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217	Forms of nâ€³ (ALA, C18:3nâ€³ or DHA, C22:6nâ€³) Fatty Acids Affect Carcass Yield, Blood Lipids, Muscle nâ€³ Fatty Acids and Liver Gene Expression in Lambs. <i>Lipids</i> , 2015, 50, 1133-1143.	0.7	29
218	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
219	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
220	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
221	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
222	Immunisation against gonadotrophin releasing factor increases fat deposition in finisher pigs. <i>Animal Production Science</i> , 2015, 55, 1472.	0.6	1
223	Dietary Lecithin Supplementation Can Improve the Quality of the M. Longissimus thoracis. <i>Animals</i> , 2015, 5, 1180-1191.	1.0	6
224	Modelling passive absorption properties of phytochemicals using physicochemical properties. <i>Acta Horticulturae</i> , 2015, , 211-218.	0.1	0
225	A Meta-Analysis of Zilpaterol and Ractopamine Effects on Feedlot Performance, Carcass Traits and Shear Strength of Meat in Cattle. <i>PLoS ONE</i> , 2014, 9, e115904.	1.1	85
226	Selenium-Enriched Agaricus bisporus 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
227	MEAT, ANIMAL, POULTRY AND FISH PRODUCTION AND MANAGEMENT Bovine and Porcine Somatotropin. , 2014, , 181-185.		0
228	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
229	Factors influencing the incidence of high rigor temperature in beef carcasses in Australia. <i>Animal Production Science</i> , 2014, 54, 363.	0.6	69
230	Dietary antioxidants at supranutritional doses improve oxidative status and reduce the negative effects of heat stress in sheep ^{1,2} . <i>Journal of Animal Science</i> , 2014, 92, 3364-3374.	0.2	123
231	Influence of different systems for feeding supplements to grazing dairy cows on milk fatty acid composition. <i>Journal of Dairy Research</i> , 2014, 81, 156-163.	0.7	13
232	Selenium-enriched Agaricus bisporus 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
233	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
234	Effects of ð²-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

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236	Antioxidant dynamics in the live animal and implications for ruminant health and product (meat/milk) quality: role of vitamin E and selenium. <i>Animal Production Science</i> , 2014, 54, 1525.	0.6	84
237	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
238	The Synergism of Biochemical Components Controlling Lipid Oxidation in Lamb Muscle. <i>Lipids</i> , 2014, 49, 757-766.	0.7	64
239	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
240	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
241	Amelioration of thermal stress impacts in dairy cows. <i>Animal Production Science</i> , 2013, 53, 965.	0.6	75
242	Chemical characterisation and speciation of organic selenium in cultivated selenium-enriched <i>Agaricus bisporus</i> . <i>Food Chemistry</i> , 2013, 141, 3681-3687.	4.2	84
243	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
244	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
245	Artificially extending photoperiod improves milk yield in dairy goats and is most effective in late lactation. <i>Small Ruminant Research</i> , 2013, 113, 179-186.	0.6	11
246	The effect of immunization against GnRF on nutrient requirements of male pigs: a review. <i>Animal</i> , 2013, 7, 1769-1778.	1.3	61
247	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
248	Seasonal and stage of lactation effects on milk fat composition in northern Victoria. <i>Animal Production Science</i> , 2013, 53, 560.	0.6	20
249	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
250	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
251	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
252	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

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253	Nutritional strategies affect carcass and pork quality but have no effect on intramuscular fat content of pork. <i>Animal Production Science</i> , 2012, 52, 276.	0.6	12
254	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
255	Immunisation against gonadotrophin-releasing hormone (GnRH) increases growth and reduces variability in group-housed boars. <i>Animal Production Science</i> , 2011, 51, 695.	0.6	13
256	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
257	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
258	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. <i>Animal Production Science</i> , 2011, 51, 434.	0.6	0
259	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
260	Dietary Monounsaturated Fat in Early Life Regulates IGFBP2: Implications for Fat Mass Accretion and Insulin Sensitivity. <i>Obesity</i> , 2011, 19, 2374-2381.	1.5	12
261	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
262	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
263	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. <i>Journal of Animal Science</i> , 2011, 89, 2782-2792.	0.2	60
264	Producing milk with uniform high selenium concentrations on commercial dairy farms. <i>Animal Production Science</i> , 2011, 51, 87.	0.6	7
265	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
266	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
267	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
268	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
269	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
270	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

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271	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
272	Biology and regulation of carcass composition. , 2009, , 19-60.		5
273	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
274	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
275	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
276	Ractopamine supplementation increases lean deposition in entire and immunocastrated male pigs. <i>Animal Production Science</i> , 2009, 49, 1113.	0.6	33
277	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
278	Plant bioactives for ruminant health and productivity. <i>Phytochemistry</i> , 2008, 69, 299-322.	1.4	192
279	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
280	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
281	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
282	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
283	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
284	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
285	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
286	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. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 1105.	1.0	13
287	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
288	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

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289	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
290	Effects of a synbiotic containing <i>Lactobacillus acidophilus</i> ATCC 4962 on plasma lipid profiles and morphology of erythrocytes in hypercholesterolaemic pigs on high- and low-fat diets. <i>British Journal of Nutrition</i> , 2007, 98, 736-44.	1.2	92
291	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
292	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
293	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
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