Wendy M Rauw

List of Publications by Year
in descending order

62	1,729	516561 16	289141 40
papers	citations	h-index	g-index

64	64	64	1904
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasticity of feeding behaviour traits in response to production environment (temperate vs. tropical) in group-housed growing pigs. Scientific Reports, 2022, 12, 847.	1.6	3
2	188 Prospects of Swine Production in the Context of Climate Change. Journal of Animal Science, 2022, 100, 90-91.	0.2	0
3	Replacing soybean meal with Narbon vetch (Vicia narbonensis L.) in pig diets: composition of subcutaneous fat and fresh loin, and sensory attributes of dry-cured product. Spanish Journal of Agricultural Research, 2021, 19, e0608.	0.3	2
4	Vector space algebra for scaling and centering relationship matrices under non-Hardyâ€“Weinberg equilibrium conditions. Genetics Selection Evolution, 2021, 53, 7.	1.2	1
5	Improving animal welfare using genetic and genomic tools.. , 2021, , 190-212.		0
6	The Genetics of Thermoregulation in Pigs: A Review. Frontiers in Veterinary Science, 2021, 8, 770480.	0.9	17
7	Prospects for the Analysis and Reduction of Damaging Behaviour in Group-Housed Livestock, With Application to Pig Breeding. Frontiers in Genetics, 2020, 11, 611073.	1.1	11
8	Feed Efficiency Can Be Sustained in Pigs Fed with Locally Produced Narbon Vetch (Vicia narbonensis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	3
9	Impact of environmental temperature on production traits in pigs. Scientific Reports, 2020, 10, 2106.	1.6	21
10	Prospects for sustainability of pig production in relation to climate change and novel feed resources. Journal of the Science of Food and Agriculture, 2020, 100, 3575-3586.	1.7	56
11	Feed efficiency and loin meat quality in Iberian pigs. Revista Brasileira De Zootecnia, 2020, 49, .	0.3	2
12	Autozygosity and Genetic Differentiation of Landrace and Large White Pigs as Revealed by the Genetic Analyses of Crossbreds. Frontiers in Genetics, 2019, 10, 739.	1.1	8
13	Effect of a dual enteric and respiratory pathogen challenge on swine growth, efficiency, carcass composition, and pork quality1. Journal of Animal Science, 2019, 97, 4710-4720.	0.2	4
14	Impact of Mycoplasma hyopneumoniae and Lawsonia intracellularis on the performance of pigs divergently selected for feed efficiency. Journal of Animal Science, 2018, 96, 462-472.	0.2	12
15	Extent of third-order linkage disequilibrium in a composite line of Iberian pigs. BMC Genetics, 2018, 19, 60.	2.7	1
16	The relationship between feed efficiency, growth and group dominance dynamics in turbot (Scophthalmus maximus). Spanish Journal of Agricultural Research, 2018, 16, e0604.	0.3	2
17	044 Non-random distribution of runs of homozygosity across the genome of Landrace Ã— Large White crossbreds. Journal of Animal Science, 2017, 95, 21-21.	0.2	1
18	A Hypothesis and Review of the Relationship between Selection for Improved Production Efficiency, Coping Behavior, and Domestication. Frontiers in Genetics, 2017, 8, 134.	1.1	29

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19	Effects of Diet and Genetics on Growth Performance of Pigs in Response to Repeated Exposure to Heat Stress. Frontiers in Genetics, 2017, 8, 155.	1.1	21
20	009 Effects of genetics on thermal regulatory responses to repeated heat stress exposure in pigs. Journal of Animal Science, 2017, 95, 4-4.	0.2	1
21	029 Effects of genetics on growth and feed intake in response to repeated exposure to heat stress. Journal of Animal Science, 2017, 95, 13-13.	0.2	0
22	Short communication: Response of rainbow trout (Oncorhynchus mykiss) to mirror images. Spanish Journal of Agricultural Research, 2017, 15, e05SC02.	0.3	0
23	Feed efficiency of Rainbow trout (Onchorynchus mykiss) kept at high and low stocking density. International Journal of Recirculating Aquaculture, 2017, 13, 11.	0.2	0
24	Editorial: Improving Animal Welfare through Genetic Selection. Frontiers in Genetics, 2016, 7, 69.	1.1	6
25	Allometric scaling of the elevation of maternal energy intake during lactation. Frontiers in Zoology, 2016, 13, 32.	0.9	8
26	Genotype by environment interaction and breeding for robustness in livestock. Frontiers in Genetics, 2015, 6, 310.	1.1	87
27	A note on the consistency of a behavioral play marker in piglets. Journal of Animal Science and Biotechnology, 2013, 4, 33.	2.1	17
28	Haplotype phasing after joint estimation of recombination and linkage disequilibrium in breeding populations. Journal of Animal Science and Biotechnology, 2013, 4, 30.	2.1	14
29	Gene expression in Sinclair swine with malignant melanoma. Animal, 2012, 6, 179-192.	1.3	9
30	Immune response from a resource allocation perspective. Frontiers in Genetics, 2012, 3, 267.	1.1	215
31	Growth, Root Formation, and Nutrient Value of Triticale Plants Fertilized with Biosolids. Scientific World Journal, The, 2012, 2012, 1-7.	0.8	0
32	Hematologic and IgG responses of heifers experimentally infected with the agent of epizootic bovine abortion. Veterinary Clinical Pathology, 2012, 41, 344-352.	0.3	2
33	The relationship between feed intake behaviour with intramuscular fat, cholesterol and fatty acid composition in pork. Journal of Animal Breeding and Genetics, 2012, 129, 289-297.	0.8	10
34	Adaptability of pregnant Merino ewes to the cold desert climate in Nevada1. Journal of Animal Science, 2010, 88, 860-870.	0.2	14
35	Acclimation in Simulated Lake Water Increases Survival of Lahontan Cutthroat Trout Challenged with Saline, Alkaline Water from Walker Lake, Nevada. Transactions of the American Fisheries Society, 2010, 139, 876-887.	0.6	3
36	Acclimation Improves Short-Term Survival of Hatchery Lahontan Cutthroat Trout in Water From Saline, Alkaline Walker Lake, Nevada. Journal of Fish and Wildlife Management, 2010, 1, 86-92.	0.4	2

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37	Observations Concerning Reproductive Temperature Requirements of Captive Lahontan Cutthroat Trout. North American Journal of Aquaculture, 2009, 71, 252-255.	0.7	0
38	Role of selection and inbreeding on the incidence of cutaneous malignant melanoma in Sinclair swine. Journal of Animal Breeding and Genetics, 2009, 126, 242-249.	0.8	6
39	The relationship of food intake during growth and food intake at maturity with lactation food intake in a mouse model. Livestock Science, 2009, 123, 249-254.	0.6	3
40	Fulton's body condition factor K correlates with survival time in a thermal challenge experiment in juvenile Lahontan cutthroat trout (Oncorhynchus clarki henshawi). Journal of Thermal Biology, 2008, 33, 363-368.	1.1	40
41	The value of DNA paternity identification in beef cattle: Examples from Nevada's free-range ranches1. Journal of Animal Science, 2008, 86, 17-24.	0.2	14
42	Selection for high production in pigs.. , 2008, , 210-229.		10
43	Selection for high production in poultry.. , 2008, , 230-242.		6
44	Modeling Inheritance of Malignant Melanoma With DNA Markers in Sinclair Swine. Genetics, 2007, 176, 585-597.	1.2	5
45	Behaviour influences cholesterol plasma levels in a pig model. Animal, 2007, 1, 865-871.	1.3	21
46	The relationship between residual feed intake and feed intake behavior in group-housed Duroc barrows1. Journal of Animal Science, 2006, 84, 956-962.	0.2	23
47	Feeding time and feeding rate and its relationship with feed intake, feed efficiency, growth rate, and rate of fat deposition in growing Duroc barrows1. Journal of Animal Science, 2006, 84, 3404-3409.	0.2	41
48	A note on behavioural response to a novel arena in lactating mice highly selected for litter size. Applied Animal Behaviour Science, 2006, 99, 357-365.	0.8	3
49	A simulation study on the detection of causal mutations from F2 experiments. Journal of Animal Breeding and Genetics, 2005, 122, 30-36.	0.8	12
50	The value of prior information for detection of QTL affecting longitudinal traits: an example using Von Bertalanffy growth function. Journal of Animal Breeding and Genetics, 2005, 122, 37-48.	0.8	8
51	Viability of Iberian Ã— Meishan F2 newborn pigs. I. Analysis of physiological and vitality variables1. Journal of Animal Science, 2004, 82, 1919-1924.	0.2	18
52	Derivation of a Bayes Factor to Distinguish Between Linked or Pleiotropic Quantitative Trait Loci. Genetics, 2004, 166, 1025-1035.	1.2	22
53	Meat production using four terminal pig lines. Journal of the Science of Food and Agriculture, 2003, 83, 1504-1510.	1.7	5
54	Reallocation of body resources in lactating mice highly selected for litter size1. Journal of Animal Science, 2003, 81, 939-944.	0.2	11

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55	Food resource allocation patterns in lactating females in a long-term selection experiment for litter size in mice. Genetics Selection Evolution, 2002, 34, 83-104.	1.2	11
56	Body composition in non-reproductive adult males and females in a long-term selection experiment for litter size in mice. Journal of Animal Breeding and Genetics, 2001, 118, 197-204.	0.8	2
57	Differences in food resource allocation in a long-term selection experiment for litter size in mice 1. Developmental trends in body weight and food intake against time. Animal Science, 2000, 71, 31-38.	1.3	8
58	Differences in food resource allocation in a long-term selection experiment for litter size in mice 2. Developmental trends in body weight against food intake. Animal Science, 2000, 71, 39-47.	1.3	11
59	Behavioural differences in non-reproductive adult females in a long-term selection experiment for litter size in mice. Applied Animal Behaviour Science, 2000, 66, 249-262.	0.8	25
60	Selection for litter size and its consequences for the allocation of feed resources: a concept and its implications illustrated by mice selection experiments. Livestock Science, 1999, 60, 329-342.	1.2	37
61	Undesirable side effects of selection for high production efficiency in farm animals: a review. Livestock Science, 1998, 56, 15-33.	1.2	785
62	Philosophy and ethics of animal use and consumption: from Pythagoras to Bentham.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 0, , 1-25.	0.6	5