Shengfa F Liao

List of Publications by Year
in descending order

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42	989	706676 14	563245 28
papers	citations	h-index	g-index

46	46	46	1369
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Time-Dependent Proinflammatory Responses Shape Virus Interference during Coinfections of Influenza A Virus and Influenza D Virus. Viruses, 2022, 14, 224.	1.5	4
2	Changes in growth performance, plasma metabolite concentrations, and myogenic gene expression in growing pigs fed a methionine-restricted diet. Frontiers in Bioscience, 2021, 26, 413.	0.8	2
3	Invited Review: Maintain or Improve Piglet Gut Health around Weanling: The Fundamental Effects of Dietary Amino Acids. Animals, 2021, 11, 1110.	1.0	15
4	PSIV-B-20 A fecal arsenic excretion pattern in pigs fed arsenic-containing rice bran. Journal of Animal Science, 2021, 99, 389-389.	0.2	0
5	Feeding Arsenic-Containing Rice Bran to Growing Pigs: Growth Performance, Arsenic Tissue Distribution, and Arsenic Excretion. International Journal of Environmental Research and Public Health, 2020, 17, 8530.	1.2	2
6	Methionine nutrition in swine and related monogastric animals: Beyond protein biosynthesis. Animal Feed Science and Technology, 2020, 268, 114608.	1.1	16
7	Dietary lysine affects amino acid metabolism and growth performance, which may not involve the GH/IGF-1 axis, in young growing pigs1. Journal of Animal Science, 2020, 98, .	0.2	8
8	200 Reduced growth performance of pigs fed methionine deficient diet may be associated with their reduced muscle cell differentiation. Journal of Animal Science, 2020, 98, 70-70.	0.2	0
9	319 Application and Practices of RNA Sequencing for Understanding Transcriptional Regulation of Gene Expression by Dietary Nutrients or Feed Additives in Swine. Journal of Animal Science, 2020, 98, 55-55.	0.2	0
10	PSIII-29 Feeding arsenic-containing rice bran to growing pigs: arsenic distribution in major tissues. Journal of Animal Science, 2020, 98, 365-365.	0.2	0
11	A Nutrigenomics Approach Using RNA Sequencing Technology to Study Nutrientâ€“Gene Interactions in Agricultural Animals. Current Developments in Nutrition, 2019, 3, nzz082.	0.1	13
12	Exploring potential biomarkers for boar sperm cryopreservation using RNA-sequencing technology. Theriogenology, 2019, 137, 135.	0.9	0
13	PSI-13 Amino acid profile of GuarPro F-81, a potential protein source for swine and other agricultural animals in the United States. Journal of Animal Science, 2019, 97, 248-248.	0.2	0
14	89 Inclusion of GuarPro F-71 in a corn and soybean meal based diet: Effects on growth performance and nutrient metabolism in growing pigs. Journal of Animal Science, 2019, 97, 52-53.	0.2	0
15	Physiological Effects of Dietary Amino Acids on Gut Health and Functions of Swine. Frontiers in Veterinary Science, 2019, 6, 169.	0.9	96
16	Effects of dietary supplementation of l-methionine vs. dl-methionine on performance, plasma concentrations of free amino acids and other metabolites, and myogenesis gene expression in young growing pigs. Translational Animal Science, 2019, 3, 329-339.	0.4	11
17	Nanotechnology-based approach for safer enrichment of semen with best spermatozoa. Journal of Animal Science and Biotechnology, 2019, 10, 14.	2.1	42
18	PSII-11 RNA sequencing analysis reveals differentially expressed genes and novel upstream transcriptional regulators in porcine longissimus dorsi muscle affected by dietary lysine restriction. Journal of Animal Science, 2019, 97, 233-233.	0.2	0

#	Article	IF	Citations
19	PSIX-31 The mineral profile of GuarPro F-81, a potential protein source for swine and other livestock in the United States. Journal of Animal Science, 2019, 97, 342-342.	0.2	0
20	141 A nutrigenomics approach using RNA sequencing technology to study nutrient-gene interactions in agricultural animals. Journal of Animal Science, 2019, 97, 135-135.	0.2	0
21	PSIX-30 Effects of dietary lysine restriction on plasma amino acid profile and growth performance of growing pigs. Journal of Animal Science, 2019, 97, 342-343.	0.2	0
22	Proteome changes of porcine follicular fluid during follicle development. Journal of Animal Science and Biotechnology, 2019, 10, 94.	2.1	13
23	Effects of dietary lysine level on the content and fatty acid composition of intramuscular fat in late-stage finishing pigs. Canadian Journal of Animal Science, 2018, 98, 241-249.	0.7	11
24	Effects of dietary lysine levels on the concentrations of selected nutrient metabolites in blood plasma of lateâ€stage finishing pigs. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 403-409.	1.0	19
25	Homeostatic regulation of plasma amino acid concentrations. Frontiers in Bioscience - Landmark, 2018, 23, 640-655.	3.0	19
26	The compensatorily-gained pigs resulted from feeding a methionine-deficient diet had more fat and less lean body mass. Journal of Applied Animal Nutrition, 2018, 6, .	0.3	1
27	In-depth proteomic analysis of boar spermatozoa through shotgun and gel-based methods. BMC Genomics, 2018, 19, 62.	1.2	26
28	Protective effects of zymosan on heat stress-induced immunosuppression and apoptosis in dairy cows and peripheral blood mononuclear cells. Cell Stress and Chaperones, 2018, 23, 1069-1078.	1.2	18
29	Nanotechnology-based selection of boar spermatozoa: growth development and health assessments of produced offspring. Livestock Science, 2017, 205, 137-142.	0.6	16
30	Using probiotics to improve swine gut health and nutrient utilization. Animal Nutrition, 2017, 3, 331-343.	2.1	253
31	A Systems Biology Approach Using Transcriptomic Data Reveals Genes and Pathways in Porcine Skeletal Muscle Affected by Dietary Lysine. International Journal of Molecular Sciences, 2017, 18, 885.	1.8	15
32	Effects of Dietary Lysine Levels on the Plasma Concentrations of Growthâ€Related Hormones in Lateâ€Stage Finishing Pigs. , 2017, , .		2
33	Effects of feeding fat on nutrient digestion in cannulated ponies fed a forage diet. Animal Husbandry Dairy and Veterinary Science, 2017, 1, .	0.2	2
34	Effects of dietary lysine levels on plasma free amino acid profile in late-stage finishing pigs. SpringerPlus, 2016, 5, 888.	1.2	17
35	Lysine nutrition in swine and the related monogastric animals: muscle protein biosynthesis and beyond. SpringerPlus, 2015, 4, 147.	1.2	113
36	Selenium-Enriched Probiotics Improve Antioxidant Status, Immune Function, and Selenoprotein Gene Expression of Piglets Raised under High Ambient Temperature. Journal of Agricultural and Food Chemistry, 2014, 62, 4502-4508.	2.4	75

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37	Selenium-Enriched Probiotics Improves Murine Male Fertility Compromised by High Fat Diet. Biological Trace Element Research, 2012, 147, 251-260.	1.9	49
38	Seleniumâ€enriched probiotics alleviate murine male fertility compromised by high fat diet. FASEB Journal, 2012, 26, 1021.6.	0.2	0
39	Effect of Selenium-Enriched Probiotics on Laying Performance, Egg Quality, Egg Selenium Content, and Egg Glutathione Peroxidase Activity. Journal of Agricultural and Food Chemistry, 2011, 59, 11424-11431.	2.4	82
40	Dietary Supplementation of Selenium in Inorganic and Organic Forms Differentially and Commonly Alters Blood and Liver Selenium Concentrations and Liver Gene Expression Profiles of Growing Beef Heifers. Biological Trace Element Research, 2011, 140, 151-169.	1.9	33
41	Dietary Supplementation of Boron Differentially Alters Expression of Borate Transporter (NaBCl) mRNA by Jejunum and Kidney of Growing Pigs. Biological Trace Element Research, 2011, 143, 901-912.	1.9	13
42	Expression of system N protein mRNA, but not system A or L, is upregulated by ileal epithelia of growing beef cattle in response to increased luminal supply of energy but not amino acids. FASEB Journal, 2009, 23, LB416.	0.2	0