

动物营养所 2021 年发表论文统计表

序号	论文名称	期刊名称	发表年月	卷	期	页码	作者（含学生，学生用红色标注补充）
1	Dietary Intake Regulates White Adipose Tissues Angiogenesis via Liver Fibroblast Growth Factor 21 in Male Mice	<i>Endocrinology</i>	2021-03	162	3	bqaa244	Lun Hua(1), Jing Li(2), Bin Feng(3), Dandan Jiang(4), Xuemei Jiang (5), Ting Luo(6), Lianqiang Che(7), Shengyu Xu(8), Yan Lin(9), Zhengfeng Fang(10), De Wu*(11), Yong Zhuo*(12)
2	Beneficial effects of a decreased meal frequency on nutrient utilization, secretion of luteinizing hormones and ovarian follicular development in gilts	<i>Journal of Animal Science and Biotechnology</i>	2021-06	12		41	Lun Hua #(1), Lianpeng Zhao #(2), Zhengyu Mao(3), Wentao Li (4), Jing Li(5), Xuemei Jiang(6), Lianqiang Che(7), Shengyu Xu(8), Yan Lin(9), Zhengfeng Fang(10), Bin Feng(11), De Wu*(12), Yong Zhuo*(13)
3	Dietary fiber in a low-protein diet during gestation affects nitrogen excretion in primiparous gilts, with possible influences from the gut microbiota	<i>Journal of Animal Science</i>	2021-06	99	6	skab121	Min Yang(1), Zhengyu Mao(2), Xuemei Jiang(3), Pierre Cozannet(4), Lianqiang Che(5), Shengyu Xu(6), Yan Lin(7), Zhengfeng Fang(8), Bin Feng(9), Jianping Wang(10), Jian Li(11), De Wu*(12), Yong Zhuo*(13)
4	Effects of dietary fiber supplementation in gestation diets on sow performance, physiology and milk composition for successive three parities	<i>Animal Feed Science and Technology</i>	2021-04	276		114945	Yang Li(1), Jiaqi He(2), Lijia Zhang(3), Haoyu Liu(4), Meng Cao(5), Yan Lin(6), Shengyu Xu(7), Zhengfeng Fang(8), Lianqiang Che(9), Bin Feng (10), Xuemei Jiang(11), Jian Li(12), Yong Zhuo*(13), De Wu*(14)

7	Gut microbial metabolism of dietary fibre protects against high energy feeding induced ovarian follicular atresia in a pig model	<i>British Journal of Nutrition</i>	2021-01	125		38-49	Yong Zhuo #(1), Meng Cao #(2), Yuechan Gong(3), Lianchao Tang(4), Xuemei Jiang(5), Yang Li(6), Min Yang(7), Shengyu Xu(8), Jian Li(9), Lianqiang Che(10), Yan Lin(11), Bin Feng(12), Zhengfeng Fang(13), De Wu*(14)
8	Methionine protects mammary cells against oxidative stress through producing s-adenosylmethionine to maintain mTORC1 signaling activity	<i>Oxidative Medicine and Cellular Longevity</i>	2021-07	2021		5550196	Heju Zhong(1), Peiqiang Yuan(2), Yunxia Li(3), Dolores Batouon-Alavo(4), Caroline Deschamps(5), Bin Feng(6), Xiaoling Zhang(7), Lianqiang Che(8), Yan Lin(9), Shengyu Xu(10), Jian Li(11), Yong Zhuo(12), Gang Tian(13), Jiayong Tang(14), Xuemei Jiang(15), Lingjie Huang(16), Caimei Wu(17), De Wu(18), and Zhengfeng Fang*(19)
9	Differential responses of weaned piglets to supplemental porcine or chicken plasma in diets without inclusion of antibiotics and zinc oxide	<i>Animal Nutrition</i>	2021-09	7	4	1173-1181	Li Zhe(1), Lunxiang Yang(2), Sen Lin(3), Fangyuan Chen(4), Peng Wang(5), Lourens Heres(6), Yong Zhuo(7), Jiayong Tang(8), Yan Lin(9), Shengyu Xu(10), Xiaoling Zhang(11), Xuemei Jiang(12), Lingjie Huang(13), Ruinan Zhang(14), Lianqiang Che(15), Gang Tian(16), Bin Feng(17), De Wu(18), Zhengfeng Fang*(19)

10	Comparative effects of enzymatic soybean, fish meal and milk powder in diets on growth performance, immunological parameters, SCFAs production and gut microbiome of weaned piglets	<i>Journal of Animal Science and Biotechnology</i>	2021-10	106	12	doi:10.1186/s40104-021-00625-8	Yingjie Li(1), Yang Liu(2), Jiangnan Wu(3), QiuHong Chen(4), Qiang Zhou(5), Fali Wu(6), Ruinan Zhang(7), Zhengfeng Fang(8), Yan Lin(9), Shengyu Xu(10), Bin Feng(11), Yong Zhuo(12), De Wu(13) and Lianqiang Che*(14)
11	The differences in energy metabolism and redox status between sows with short and long farrowing duration	<i>Animal</i>	2021-08	12	10	doi:10.1016/j.animal.2021.100355	Yang Liu(1), Qiang Zhou(2), Peter Kappel Theil(3), Zhengfeng Fang(4), Yan Lin(5), Shengyu Xu(5), Bin Feng(6), Yong Zhuo(7), Fali Wu(8), Xuemei Jiang(9), Xilun Zhao(10), De Wu(11) , Lianqiang Che*(12)
12	Effects of Maternal Fiber Intake on Intestinal Morphology, Bacterial Profile and Proteome of Newborns Using Pig as Model	<i>Nutrients</i>	2020-12	13	1	42-64	Ying He(1), Xie Peng(2), Yang Liu(3), Qing Wu(4), Qiang Zhou(5), Liang Hu(6), Zhengfeng Fang(7), Yan Lin(8), Shengyu Xu(9), Bin Feng(10), Jian Li(11), Yong Zhuo(12), De Wu(13) and Lianqiang Che*(14)
14	Arginine promotes testicular development in boars through nitric oxide and putrescine.	<i>J Anim Physiol Anim Nutr (Berl)</i>	2021-6				Wei D(1), Wu D(2), Zeng W(3), Che L(4), Xu S(5), Fang Z(6), Feng B(7), Li J(8), Zhuo Y(9), Wu C(10), Zhang J(11), Lin Y(12).

17	Maternal organic selenium supplementation during gestation improves the antioxidant capacity and reduces the inflammation level in the intestine of offspring through the NF-kappaB and ERK/Beclin-1 pathways	<i>Food & Function</i>	2021-01	12	1	315-327	Daolin Mou #(1),Dajiang Ding #(2),Min Yang(3),Xuemei Jiang (4),Lianpeng Zhao(5),Lianqiang Che(6),Zhengfeng Fang (7),Shengyu Xu(8),Yan Lin(9),Yong Zhuo(10),Jian Li(11), Chao Huang(12),Yuanfeng Zou(13),Lixia Li(14),De Wu*(15),Bin Feng*(16)
18	Maternal organic selenium supplementation alleviates LPS induced inflammation, autophagy and ER stress in the thymus and spleen of offspring piglets by improving the expression of selenoproteins	<i>Food & Function</i>	2021-11	12	22	11214-11228	Dajiang Ding #(1),Daolin Mou #(2),Lianpeng Zhao(3),Xuemei Jiang(4),Lianqiang Che(5),Daolin Mou(6),Shengyu Xu (7),Yan Lin(8),Yong Zhuo(9),Jian Li(10),Chao Huang(11),Yuanfeng Zou(12),Lixia Li(13),De Wu*(14),Bin Feng*(15)
19	Maternal cholecalciferol supplementation during gestation improves antioxidant capacities in gilts and piglets	<i>Italian Journal of Animal Science</i>	2021-08	20	1	1201-1210	Lianpeng Zhao(1),Zhengyu Mao(2),Daolin Mou(3),Long Huang(4),Min Yang(5),Dajiang Ding(6),Hui Yan(7), Zhengfeng Fang(8),Lianqiang Che(9),Yong Zhuo(10),Xuemei Jiang(11),Shengyu Xu(12),Yan Lin(13),Jian Li(14),De Wu(15),Bin Feng(16).

20	Responses of vaginal microbiota to dietary supplementation with lysozyme and its relationship with rectal microbiota and sow performance from late gestation to early lactation	<i>Animals</i>	2021-02	11	3	593	Shengyu Xu(1), Yanpeng Dong(2) , Jiankai Shi(3) , Zimei Li(4) , Lianqiang Che(5), Yan Lin(6), Jian Li(7), Bin Feng(8), Zhengfeng Fang(9), Zhuo Yong(10), Jianping Wang(11), De Wu(12)
21	Organic selenium increased gilts antioxidant capacity, immune function, and changed intestinal microbiota	<i>Frontiers in Microbiology</i>	2021-08		12	723190	Li Z(1) , Dong Y(2) , Chen S(3) , Jia X(4) , Jiang X(5) , Che L(6) , Lin Y(7), Li J(8), Feng B(9), Fang Z(10), Zhuo Y(11), Wang J(12), Xu H(13), Wu D (14)and Xu S(15)
22	The nutritional significance of intestinal fungi: alteration of dietary carbohydrate composition triggers colonic fungal community shifts in a pig model	<i>Applied and Environmental Microbiology</i>	2021-05	87	10	e00038-21	Yuheng Luo(1), Jiayan Li (2) , Hua Zhou (3) , Bing Yu(4), Jun He(5), Aimin Wu(6), Zhiqing Huang(7), Ping Zheng(8), Xiangbing Mao(9), Jie Yu(10), Hua Li(11), Huifen Wang(12), Quyuan Wang(13), Hui Yan(14), Daiwen Chen(15)
25	Effects of chronic exposure to low levels of dietary aflatoxin B1 on growth performance, apparent total tract digestibility and intestinal health in pigs	<i>Animals</i>	2021-01	11	336	1-12	Junning Pu , Qinghui Yuan , Hui Yan, Gang Tian, Daiwen Chen , Jun He , Ping Zheng, Jie Yu, XiangbingMao ,Zhiqing Huang , Junqiu Luo, Yuheng Luo and Bing Yu*

26	Effects of dietary Bacillus coagulans and yeast hydrolysate supplementation on growth performance, immune response and intestinal barrier function in weaned piglets	<i>JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION</i>	2021-03	3	3	1-10	Runqi Fu , Chan Liang, Daiwen Chen, Hui Yan , Gang Tian, Ping Zheng, Jun He, Jie Yu, Xiangbing Mao, Zhiqing Huang, Yuheng Luo, Junqiu Luo , Bing Yu*
27	Bioavailability of the dl-methionine and the calcium salt of dl-methionine hydroxy analog compared with l-methionine for nitrogen retention in starter pigs	<i>JOURNAL OF ANIMAL SCIENCE</i>	2021-06	99	6	1-8	Hua Zhou, Zhengcai Yuan, Daiwen Chen,Huifeng Wang,Yan Shu,Jun Gao,John Khun Htoo,and Bing Yu
28	1, 25-Dihydroxyvitamin D3 inhibits porcine epidemic diarrhea virus replication by regulating cell cycle resumption in IPEC-J2 porcine epithelial cells	<i>MICROBIAL PATHOGENESIS</i>	2021-06	158	6	105017	Jiwen Yang, Gang Tian, Daiwen Chen, Xiangbing Mao, Jun He, Ping Zheng, Jie Yu, Yuheng Luo, Junqiu Luo, Zhiqing Huang, Aimin Wu, Hui Yan, Bing Yu*
29	Chitosan oligosaccharide attenuates endoplasmic reticulum stress-associated intestinal apoptosis via the Akt/mTOR pathway†	<i>Food & Function</i>	044440		12	8647	Tingting Fang, Ying Yao, Gang Tian, Daiwen Chen, Aimin Wu, Jun He, Ping Zheng, Xiangbing Mao, Jie Yu, Yuheng Luo, Junqiu Luo, Zhiqing Huang, Hui Yan and Bing Yu *

30	Lycopene promotes a fast-to-slow fiber type transformation through Akt/FoxO1 signaling pathway and miR-22-3p	<i>Journal of Functional Foods</i>	2021-02	80		104430	Wanxue Wen (1), Xiaoling Chen (2), Zhiqing Huang*(3), Daiwen Chen (4), Jun He (5), Ping Zheng (6), Jie Yu (7), Yuheng Luo (8), Hui Yan (9), Bing Yu (10)
31	Effects of dietary ferulic acid supplementation on growth performance and skeletal muscle fiber type conversion in weaned piglets	<i>Journal of the Science of Food and Agriculture</i>	2021-02	101	1 2	5116-5123	Youxia Wang (1), Xiaoling Chen (2), Zhiqing Huang*(3), Daiwen Chen (4), Bing Yu (5), Hong Chen (6), Jie Yu (7), Yuheng Luo (8), Ping Zheng (9), Jun He (10)
32	Procyanidin B2 induces porcine skeletal slow-twitch myofiber gene expression by AMP-activated protein kinase signaling pathway	<i>Animal Biotechnology</i>	2021-06	32	3	1-10	Meng Xu (1), Xiaoling Chen (2), Zhiqing Huang*(3), Daiwen Chen (4), Bing Yu (5), Jun He (6), Hong Chen (7), Jie Yu (8), Yuheng Luo (9), Ping Zheng (10)
33	Effects of slaughter age on carcass traits and meat quality of crossbred (Duroc × Landrace × Yorkshire) finishing pigs	<i>Animal Biotechnology</i>	2021-04	32		1-7	Zhongyang Guo (1), Xiaoling Chen (2), Daiwen Chen (3), Mingzhou Li (4), Jingdong Yin (5), Bing Yu (6), Jun He (7), Zhiqing Huang*(8)
34	Fermented diet liquid feeding improves growth performance and intestinal function of pigs	<i>Animals</i>	2021-05	11		1452-	Huailu Xin (1), Mingyu Wang (2), Zou Xia (3), Bing Yu(3), Jun He (4), Jie Yu (5), Xiangbing Mao (6), Zhiqing Huang (7), Yuheng Luo (8), Junqiu Luo (9), Hui Yan (10), Huifen Wang (11), Quyuan Wang (12), Ping Zheng (13) and Daiwen Chen (14)

35	Effects of early transplantation of the faecal microbiota from Tibetan pigs on the gut development of DSS-challenged piglets	<i>Biomed Research International</i>	2021-01	2021		9823969	Hui Diao (1), Yi Xiao (2), Honglin Yan (3), Bing Yu (4), Jun He (5), Ping Zheng (6), Jie Yu (7), Xiangbing Mao (8), Daiwen Chen (9)
36	Tea bioactive components prevent carcinogenesis via anti - pathogen, anti - inflammation, and cell survival pathways	<i>IUBMB Life</i>	2021-02	73	2	328-340	Xiangqi Fan (1), Xiangjun Xiao (2), Xiangbing Mao (3), Daiwen Chen (4), Bing Yu (5), Jianping Wang (6), Hui Yan (7)
37	Infusion of short chain fatty acids in the ileum improves the carcass traits, meat quality and lipid metabolism of growing pigs	<i>Animal Nutrition</i>	2021-03	7	1	94-100	Anran Jiao (1), Hui Diao (2), Bing Yu (3), Jun He (4), Jie Yu (5), Ping Zheng (6), Yuheng Luo (7), Junqiu Luo (8), Quyuan Wang (9), Huifen Wang (10), Xiangbing Mao (11)
38	Lentianan administration alleviates diarrhea of rotavirus-infected weaned pigs via regulating intestinal immunity	<i>Journal of Animal Science and Biotechnology</i>	2021-03	12		43	Xiangqi Fan (1), Haiyan Hu (2), Daiwen Chen (3), Bing Yu (4), Jun He (4), Jie Yu (5), Junqiu Luo (6), Erik Eckhardt (7), Yuheng Luo (8), Jianping Wang (9), Hui Yan (10), Xiangbing Mao (11)
40	The effect of dietary pectic oligosaccharide supplementation on intestinal health of broiler breeders with different egg-laying rates	<i>Poultry Science</i>	2021-01	100	3	100938	Xiangbing Mao (1), Xuemei Ding (2), Qiufeng Zeng (3), Shiping Bai (4), Keying Zhang (5), Daiwen Chen (6), Bing Yu (7), Jun He (8), Jie Yu (9), Hui Yan (10), Junqiu Luo (11), Yuheng Luo (12), Jianping Wang (13)

43	Effects of cold exposure on performance and skeletal muscle fiber in weaned piglets	<i>Animals</i>	2021-07	11	2148	Jie Yu(1), Shuai Chen(2) , Ziyou Zeng(3), Shuaibing Xing(4) , Daiwen Chen(5), Bing Yu(6), Jun He(7), Zhiqing Huang(8), Yuheng Luo(9), Ping Zheng(10), Xiangbing Mao(11), Junqiu Luo(12), Hui Yan(13)
44	Tannic acid extracted from gallnut prevents post-weaning diarrhea and improves intestinal health of weaned piglets	<i>Animal Nutrition</i>	2021-11	7	1078-1086	Yanyan Song(1) , Yong Luo(2), Bing Yu(3), Jun He(4), Ping Zheng(5), Xiangbing Mao(6), Zhiqing Huang(7), Junqiu Luo(8), Yuheng Luo(9), Hui Yan(10), Quyuan Wang(11), Huifen Wang(12), Daiwen Chen(13), Jie Yu(14)
45	Fibroblast growth factor 21 attenuates iron overload-induced liver injury and fibrosis by inhibiting ferroptosis	<i>Redox Biology</i>	2021-09	46	102131	Aimin Wu(1), Bin Feng(2), Jie Yu(3), Lijun Yan(4), Lianqiang Che(5), Yong Zhuo(6), Yuheng Luo(7), Bing Yu(8), De Wu(9), Daiwen Chen(10)
46	Wheat bran fermented by mixed fungal strains improves the digestibility of crude fiber and may benefit the gut health without impacting the growth performance in weaned pigs	<i>Food & Function</i>	2021-03	无	doi: 10.1039/d1fo00273b	Yuheng Luo*(1), Jun He (1) , Hua Li (1), Cong Lan (2) , Jingyi Cai (3), Hong Chen (4), Gang Tian (5), Huifen Wang (6), Quyuan wang (7), Jun He (8), Daiwen Chen (9), Bing Yu (10), Zhiqing Huang (11), Ping Zheng (12), Xiangbing Mao (13), Jie Yu (14), Junqiu Luo (15), Aimin Wu (16), Hui Yan (17)

47	The nutritional significance of intestinal fungi: alteration of dietary carbohydrate composition triggers colonic fungal community shifts in a pig model	<i>APPLIED AND ENVIRONMENTAL MICROBIOLOGY</i>	2021-03	87	10	doi: 10.1128/AEM.00038-21	Yuheng Luo (1), Jiayan Li (1) , Hua Zhou (2) , Bing Yu (3), Jun He (4), Aimin Wu (5), Zhiqing Huang (6), Ping Zheng (7), Xiangbing Mao (8), Jie Yu (9), Hua Li (10), Huifen Wang (11), Qu Yuan Wang (12), Hui Yan (13), Daiwen Chen*(14)
49	Prevotella-rich enterotype may benefit gut health in finishing pigs fed diet with a high amylose-to-amylopectin ratio	<i>Animal Nutrition</i>	2021-07	7		400-411	Wen Ren (1) , Honglin Yan (1) , Bing Yu (2), Maria C. Walsh (3), Jie Yu (4), Ping Zheng (5), Zhiqing Huang (6), Junqiu Luo (7), Xiangbing Mao (8), Jun He (9), Hui Yan (10), Daiwen Chen*(11), Yuheng Luo*(12)
50	L-leucine promotes STAT1 and ISGs expression in TGEV-infected IPEC-J2 cells via mTOR activation	<i>Frontiers in Immunology</i>	2021-07	12		1月10日	Jian Du (1) , Daiwen Chen (2), Bing Yu (3), Jun He (4), Jie Yu (5), Xiangbing Mao (6), Yuheng Luo (7), Ping Zheng (8), Junqiu Luo (9)
51	Gut microbiota absence and transplantation affect growth and intestinal functions An investigation in a germ-free pig model	<i>Animal Nutrition</i>	2021-07	7		295-304	Hua Zhou (1) , Jing Sun (1) , Bing Yu (2), Zuohua Liu (3), Hong Chen (4), Jun He (5), Xiangbing Mao (6), Ping Zheng (7), Jie Yu (8), Junqiu Luo (9), Hui Yan (10), Lianpeng Ge (11), Daiwen Chen*(12)
52	Supplementing daidzein in diets improves the reproductive performance, endocrine hormones and antioxidant capacity of multiparous sows	<i>Animal Nutrition</i>	2021-11	7		1052-1060	Yan Li (1) , Guoru He (2), Daiwen Chen (3), Bing Yu (4), Jie Yu (5), Ping Zheng (6), Zhiqing Huang (7), Yuheng Luo (8), Junqiu Luo (9), Xiangbing Mao (10), Hui Yan (11), Jun He (12)

53	Human β -Defensin 118 Attenuates <i>Escherichia coli</i> K88–Induced Inflammation and Intestinal Injury in Mice	<i>Probiotics and Antimicrobial Proteins</i>	2021-06	13	586-597	Qian Lin (1), Qingqing Fu (2), Xiang Li (3), Yuheng Luo (4), Junqiu Luo (5), Daiwen Chen (6), Xiangbing Mao (7), Bing Yu (8), Ping Zheng (9), Zhiqing Huang (10), Jie Yu (11) , Hui Yan (12), Jun He (13)
54	Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress	<i>BioMed Research International</i>	2021-11	11	5533210	Qian Lin (1), Kunhong Xie (2), Daiwen Chen (3), Bing Yu (4), Xiangbing Ma (5), Jie Yu (6), Junqiu Luo (7), Ping Zheng (8), Yuheng Luo (9), Hui Yan (10), Jun He (11)
55	Alginate oligosaccharide protects against enterotoxigenic <i>Escherichia coli</i> -induced porcine intestinal barrier injury	<i>Carbohydrate Polymers</i>	2021-5	270	118316	Jin Wan (1), Jiao Zhang (2), Qingsong Xu (3), Heng Yin (4), Daiwen Chen (5), Bing Yu (6), Jun He(7)
56	Manno-oligosaccharide attenuates inflammation and intestinal epithelium injury in weaned pigs upon enterotoxigenic <i>Escherichia coli</i> K88 challenge	<i>British Journal of Nutrition</i>	2021-03	126	993-1002	En Yu (1), Daiwen Chen (2), Bing Yu (3), Zhiqing Huang (4), Xiangbing Mao (5), Ping Zheng (6), Yuheng Luo (7), Heng Yin (8), Jie Yu (9), Junqiu Luo (10), Hui Yan (11), Jun He (12)

57	Functional Characterization of Porcine NK-Lysin: A Novel Immunomodulator That Regulates Intestinal Inflammatory Response	<i>molecules</i>	2021-07	7	26	4242	Qian Lin (1), Qingqing Fu (2) , Daiwen Chen (3), Bing Yu (4), Yuheng Luo (5), Zhiqing Huang (6), Ping Zheng (7), Xiangbing Mao (8), Jie Yu (9), Junqiu Luo (10), Hui Yan (11), Jun He (12)
58	Amelioration of enterotoxigenic <i>Escherichia coli</i> -induced disruption of intestinal epithelium by manno-oligosaccharide in weaned pigs	<i>Journal of Functional Foods</i>	2021-04	4	82	104492	En Yu (1) , Daiwen Chen (2), Bing Yu (3), Yuheng Luo (4), Ping Zheng (5), Heng Yin (6), Xiangbing Mao (7), Zhiqing Huang (8), Jie Yu (9), Junqiu Luo (10), Hui Yan (11), Jun He (12)
59	The immunomodulatory function of the porcine β -defensin 129: Alleviate inflammatory response induced by LPS in IPEC-J2 cells	<i>International Journal of Biological Macromolecules</i>	2021-11	188		473-481	Kunhong Xie (1) , Guoqi Su (2), Daiwen Chen (3), Bing Yu (4), Zhiqing Huang (5), Jie Yu (6), Ping Zheng (7), Yuheng Luo (8), Hui Yan (9), Hua Li (10), Jun He (11)
60	Protective effect of Bombyx mori gloverin on intestinal epithelial cells exposure to enterotoxigenic <i>E. coli</i>	<i>Brazilian Journal of Microbiology</i>	2021-06	52		1235-1245	Qian Lin (1), Qingqing Fu (2) , Guoqi Su (3), Daiwen Chen (4), Bing Yu (5), Yuheng Luo (6), Ping Zheng (7), Xiangbing Mao (8), Zhiqing Huang (9), Jie Yu (10), Junqiu Luo (11), Hui Yan (12), Jun He (13)

62	Effects of essential oil on growth performance, digestibility, immunity, and intestinal health in broilers	<i>Poultry Science</i>	2021-06		100	1月15日	Guoqi Su (1), Lan Wang (2), Xuanwu Zhou(3), Xiying Wu(4), Daiwen Chen (5), Bing Yu (6), Zhiqing Huang (7), Yuheng Luo (8), Xiangbing Mao(9), Ping Zheng (10), Jie Yu(11), Junqiu Luo (12), Jun He (13)
63	Effects of Maternal and Progeny Dietary Vitamin E on Growth Performance and Antioxidant Status of Progeny Chicks before and after Egg Storage	<i>Animals</i>	Apr-21	11		998	Jun Yang, Keying Zhang, Shiping Bai, Jianping Wang, Qiufeng Zeng, Huanwei Peng, Yue Xuan, Zhuowei Su and Xuemei Ding
64	Effects of dietary vitamin E supplementation on laying performance, hatchability, and antioxidant status in molted broiler breeder hens	<i>Journal of Applied Poultry Research</i>	Sep-21	30		100184	J. Yang, X. M. Ding, S. P. Bai, J. P. Wang, Q. F. Zeng, H. W. Peng, Y. Xuan, Z. W. Su, and K. Y. Zhang
65	Serum trimethylamine-N-oxide and gut microbiome alterations are associated with cholesterol deposition in the liver of laying hens fed with rapeseed meal	<i>Animal Nutrition</i>	December 2021	4	7	1258-1270	Liping zhu, Jianping Wang, Xuemei Ding, Qiufeng Zeng, Shiping Bai, Yue Xuan, Keying Zhang

69	25-hydroxycholecalciferol reverses heat induced alterations in bone quality in finisher broilers associated with effects on intestinal integrity and inflammation	<i>J Anim Sci Biotechnol</i>	2021.10.8	12	1	104	Huaiyong Zhang , Maryam Majdeddin , Djoere Gaublonme , Bernard Taminiau, Matthieu Boone, Dirk Elewaut, George Daube, Iván Josipovic, Keying Zhang, Joris Michiels
70	Calcium supplementation in low nutrient density diet for meat ducks improves breast meat tenderness associated with myocyte apoptosis and proteolytic changes	<i>Animal Nutrition</i>	2021.10.14				Huaiyong Zhang, Quifeng Zeng, Shiping Bai, Jianping Wang, Xuemei Ding, Yue Xuan, Zhuowei Su, Joris Michiels, Keying Zhang
71	Limitation and Potential Effects of Different Levels of Aging Corn on Performance, Antioxidative Capacity, Intestinal Health, and Microbiota in Broiler Chickens	<i>Animals</i>	2021.9.28	10	11		Ahsan Mustafa , Shiping Bai , Quifeng Zeng, Xuemei Ding, Jianping Wang , Yue Xuan, Zhuowei Su and Keying Zhang
72	Effect of organic acids on growth performance, intestinal morphology, and immunity of broiler chickens with and without coccidial challenge	<i>AMB Express</i>	2021	11		140	Ahsan Mustafa , Shiping Bai , Qiufeng Zeng, Xuemei Ding, Jianping Wang , Yue Xuan, Zhuowei Su and Keying Zhang
73	Effects of age and diet forms on growth-development patterns, serum metabolism indicators, and parameters of body	<i>Animal bioscience</i>	2021			644	Gang Lv1, Qiufeng Zeng2, Xuemei Ding2, Shiping Bai2, Keying Zhang2, *

	fat deposition in Cherry Valley ducks						
74	Dietary resistant potato starch improves growth performance and feather development in Pekin ducks fed a low phosphorus diet	<i>Poultry Science</i>	2021-03	100	100947	1-11	Xu HM (1), KY Zhang(2), SP Bai(3), XM Ding(4), JP Wang(5), HW Peng(6), Y Xuan(7), ZW Su(8), T Gang(9), QF Zeng(10)
76	Effect of different concentrations of neohesperidin dihydrochalcone on performance, egg quality, serum biochemistry and intestinal morphology in laying hens	<i>Poultry Science</i>	2021-07	100	7	101097	Annan Zhu ,Keying Zhang,Jianping Wang, Shiping Bai, Qiufeng Zeng, Huanwei Peng, Xuemei Ding*
77	The impacts of egg storage time and maternal dietary vitamin E on the growth performance and antioxidant capacity of progeny chicks	<i>Poultry Science</i>	2021-06	100	6	101142	JunYang , Keying Zhang,Shiping Bai,Jianping Wang, Qiufeng Zeng,Huanwei Peng,Yue Xuan,Zhuowei Su,Xuemei Ding*
78	Effects of enzyme-treated soy protein on performance, digestive enzyme activity and mRNA expression of nutrient transporters of laying hens fed different nutrient density diets	<i>Animal</i>	2021-09	15	0	100373	Xuemei Ding*, Pan Liu , Keying Zhang,Jianping Wang,Shiping Bai, Qiufeng Zeng,Yue Xuan,Zhuowei Su,Huanwei Peng,Dongdong Li

79	Effect of 25 - Hydroxycholecalciferol with Different Vitamin D3 Levels in the Hens Diet in the Rearing Period on Growth Performance, Bone Quality, Egg Production, and Eggshell Quality	<i>Agriculture</i>	2021-07	11	0	698	Dongdong Li, Keying Zhang, Shiping Bai, Jianping Wang, Qiufeng Zeng, Huanwei Peng, Zhuowei Su, Yue Xuan, Sharina Qi, Xuemei Ding*
80	Vitamin E improves antioxidant status but not lipid metabolism in laying hens fed a aged corn-containing diet	<i>Animal Bioscience</i>	2021-02	34	2	276-284	Xuemei Ding*, Yadong Mu, Keying Zhang, Jianping Wang, Shiping Bai, Qiufeng Zeng, Huanwei Peng
83	The effect of oxidative stress on the chicken ovary: involvement of microbiota and melatonin interventions	<i>Antioxidants</i>	2021-10	10		1422	Jianping Wang (1, 通讯作者), Ru Jia(2), Haojie Gong(3), Pietro Celi (4), Yong Zhuo (5), Xuemei Ding (6), Shiping Bai (7), Qiufeng Zeng (8), Huadong Yin (9), Shengyu Xu (10), Jingbo Liu (11), Xiangbing Mao (12), Keying Zhang (13)
84	Dietary tributyrin improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders	<i>Poultry Science</i>	2021-11	100	11	101429	Jianping Wang (1), Hongye Zhang (2), Shiping Bai (3), Qiufeng Zeng (4), Zhuowei Su (5), Yong Zhuo (6), Xiangbing Mao (7), Huadong Yin (8), Bin Feng (9), Jingbo Liu (10), Keying Zhang (11), Xuemei Ding (12, 通讯作者)
85	Dietary 25-hydroxy vitamin improves intestinal health and microbiota of laying hens under high stocking density	<i>Poultry Science</i>	2021-07	100	7	101132	Jianping Wang (1), Tao Zhang (3), Huadong Yin (4), Xuemei Ding (5), Shiping Bai (6), Qiufeng Zeng (7), Xiangbing Mao (8), Keying Zhang (9), Caimei Wu (10), Yue Xuan (11)

86	Dietary apple pectic oligosaccharide improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders	<i>Poultry Science</i>	2021-04	100	4	100976	Jianping Wang,* ¹ Chunhua Zhang,y, ¹ Shuju Zhao ,* Xuemei Ding,* Shiping Bai,* Qiufeng Zeng,*Keying Zhang,* Yong Zhuo,* Shengyu Xu,* Xiangbing Mao,* Huanwei Peng,* and Zhiguo Shan
88	The effect of dietary pectic oligosaccharide supplementation on intestinal health of broiler breeders with different egg-laying rates	<i>Poultry Science</i>	2021-03	100	3	100938	Xiangbing Mao (1), Xuemei Ding (2), Qiufeng Zeng (3), Shiping Bai (4), Keying Zhang (5), Daiwen Chen (6), Bing Yu (7), Jun He (8), Jie Yu (9), Hui Yan (10), Junqiu Luo (11), Yuheng Luo (12), Jianping Wang (13)
89	Effect of 25-hydroxyvitamin D and essential oil complex on productive performance, egg quality, and uterus antioxidant capacity of laying hens.	<i>Poultry Science</i>	2021-11	100	11	101410	Pinyao Zhao (1), Tao Zhang (1, 共同第一) , Jianping Wang (5)
91	Effects of stocking density on the performance, tibia mineralization, and the expression of hypothalamic appetite genes in broiler chickens. Ann Anim Sci 21(3):1-15.	<i>Annals of Animal Science</i>	2021-03	21	3	1-13	Huan Liu (1), Shiping Bai* (2), Keying Zhang (3), Xuemei Ding (4), Jianping Wang (5), Qiufeng Zeng (6) Huanwei Peng (7), Jie Bai (8), Yue Xuan (9), Zuwei Su(10)
92	Organic iron absorption and expression of related transporters in the small intestinal of broilers	<i>Poultry Science</i>	2021-05	100	5	101182	Shiping Bai (1), Sumei Cao (2), Xuelian Ma (3), Xiaofei Li (4), Xiudong Liao (5), Liyang Zhang (6), Minhong Zhang (7), Rijun Zhang (8), Shuisheng Hou (9), Xugang Luo (10), Lin Lu* (11)

93	Effects of dietary glucose oxidase supplementation on the performance, apparent ileal amino acids digestibility, and ileal microbiota of broiler chicken	<i>Animals</i>	2021-10	11	10	2909	Yong Meng (1), Haonan Huo (2), Yang Zhang (3), Shiping Bai (4), Ruisheng Wang (5), Keying Zhang (6), Xuemei Ding (7), Jianping Wang (8), Qiufeng Zeng (9) Huanwei Peng (10), Yue Xuan (11)
94	Effects of dietary inclusion of Radix Bupleuri extract on the growth performance, and ultrastructural changes and apoptosis of lung epithelial cells in broilers exposed to atmospheric ammonia	<i>Journal of Animal Science</i>	2021-11	99	11	1-13	Shiping Bai* (1), Xi Peng (2), Caimei Wu (3), Tong Cai (4), Jiangbo Liu (5), Gang Shu (6)
95	Effects of high dietary iron on the lipid metabolism in the liver and adipose tissue of male broiler chickens	<i>Animal Feed Science and Technology</i>	2021-12	282	12	115131	Shiping Bai* (1), Wanqiu Luo (2), Huan Liu (3), Keying Zhang (4), Jianping Wang (5), Xuemei Ding (6), Qiufeng Zeng (7), Huanwei Peng (8), Jie Bai (9), Yue Xuan (10), Zuwei Su (10)
96	Guanidinoacetic acid supplementation totally based on vegetable meal diet improved the growth performance, muscle flavor components and sensory characteristics of on-growing grass carp (<i>Ctenopharygodon idella</i>)	<i>Aquaculture</i>	2021-01	531		735841	Linglan Yang (1), Pei Wu (2), Lin Feng (3), Weidan Jiang (4), Yang Liu (5), Shengyao Kuang (6), Ling Tang (7), Xiaoqi Zhou* (8)

97	Soybean glycinin disrupted intestinal structural integrity related to aggravation of apoptosis and downregulated transcription of tight junction proteins in the intestine of juvenile grass carp (<i>Ctenopharyngodon idella</i>)	<i>Aquaculture</i>	2021-01	531		735909	Yalin Zhang (1), Xudong Duan (2), Lin Feng (3), Weidan Jiang (4), Pei Wu (5), Yang Liu (6), Shengyao Kuang (7), Ling Tang (8), Xiaoqiu Zhou* (9)
98	Dietary choline deficiency aggravated the intestinal apoptosis in association with the MAPK signalling pathways of juvenile grass carp (<i>Ctenopharyngodon idella</i>)	<i>Aquaculture</i>	2021-02	532		736046	Zehong Yuan (1), Lin Feng (2), Weidan Jiang (3), Pei Wu (4), Yang Liu (5), Shengyao Kuang (6), Ling Tang (7), Xiaoqiu Zhou* (8)
99	Dietary nucleotides in the diets of on-growing grass carp (<i>Ctenopharyngodon idella</i>) suppress <i>Aeromonas hydrophila</i> induced intestinal inflammation and enhance intestinal disease-resistance via NF- κ B and TOR signaling	<i>Aquaculture</i>	2021-02	533		736075	Huaimao Tie (1), Weidan Jiang (2), Lin Feng (3), Pei Wu (4), Yang Liu (5), Shengyao Kuang (6), Ling Tang (7), Xiaoqiu Zhou* (8)

100	Effect of tea polyphenols on flavour, healthcare components, physicochemical properties, and mechanisms of collagen synthesis in growing grass carp (<i>Ctenopharyngodon idella</i>) muscle	<i>Aquaculture</i>	2021-03	534		736237	Yaobin Ma (1), Jinxiu Zhang (2), Xiaoqiu Zhou (3), Weidan Jiang (4), Pei Wu (5), Yang Liu (6), Shengyao Kuang (7), Ling Tang (8), Lin Feng* (9)
101	Effects of dietary ochratoxin A on growth performance and intestinal apical junctional complex of juvenile grass carp (<i>Ctenopharyngodon idella</i>)	<i>Toxins</i>	2021-01	13	1	11	Xin Liu (1), Pei Wu (2), Weidan Jiang (3), Yang Liu (4), Jun Jiang (5), Shengyao Kuang (6), Ling Tang (7), Xiaoqiu Zhou* (8), Lin Feng* (9)
102	Xylooligosaccharide supplementation improved growth performance and prevented intestinal apoptosis in grass carp	<i>Aquaculture</i>	2021-03	535		736360	Chunyu Sun (1), Yang Liu (2), Lin Feng (3), Weidan Jiang (4), Pei Wu (5), Jun Jiang (6), Shengyao Kuang (7), Ling Tang (8), Xiaoqiu Zhou* (9)
103	Growth performance, digestive and absorptive capacity of on-growing grass carp (<i>Ctenopharyngodon idellus</i>) fed with graded level of dietary fibre from soybean hull	<i>Aquaculture Nutrition</i>	2021-02	27		198-216	Xuyuan Shao (1), Pei Wu (2), Lin Feng (3), Weidan Jiang (4), Yang Liu (5), Shengyao Kuang (6), Ling Tang (7), Xiaoqiu Zhou* (8)

104	Antimicrobial peptide Isaloscorpion Cytotoxic peptide (IsCT) enhanced growth performance and improved intestinal immune function associated with janus kinases (JAKs) / signal transducers and activators of transcription (STATs) signalling pathways in on-growing grass carp (<i>Ctenopharyngodon idella</i>)	<i>Aquaculture</i>	2021-06	539		736585	Qiyu Hu (1), Pei Wu (2), Lin Feng (3), Weidan Jiang (4), Yang Liu (5), Shengyao Kuang (6), Ling Tang (7), Jiang Li (8), Xiaoqiu Zhou* (9)
105	Dietary exogenous supplementation of nucleotides strengthens the disease resistance, antioxidant capacity and immunity in the gill of on-growing grass carp (<i>Ctenopharyngodon idella</i>) following a challenge with <i>Flavobacterium columnare</i>	<i>Aquaculture</i>	2021-07	540		736729	Huaimao Tie (1), Lin Feng (2), Weidan Jiang (3), Pei Wu (4), Yang Liu (5), Jun Jiang (6), Shengyao Kuang (7), Ling Tang (8), Xiaoqiu Zhou* (9)
106	Essential role of the endocytic site-associated protein Ecm25 in stress-induced cell elongation	<i>Cell Reports</i>	2021-05	35		109122	Xudong Duan (1), Xi Chen (2), Kangji Wang (3), Li Chen (4), Oliver Glomb (5), Nils Johnsson (6), Lin Feng (7), Xiaoqiu Zhou* (8), Erfei Bi* (9)

107	Dietary choline enhanced skin immune response of juvenile grass carp might be related to STAT3 and NF-kB signaling pathway (<i>Ctenopharyngodon idella</i>)	<i>Frontiers in Nutrition</i>	2021-05	8		652767	Zehong Yuan (1), Lin Feng (2), Wei-Dan Jiang (3), Pei Wu (4), Yang Liu (5), Jun Jiang (6), Shengyao Kuang (7), Ling Tang (8), Xiaoqiu Zhou* (9)
108	Lysine deficiency impaired growth performance and immune response and aggravated inflammatory response of the skin, spleen and head kidney in grown-up grass carp (<i>Ctenopharyngodon idella</i>)	<i>Animal Nutrition</i>	2021-06	7	2	556-568	Yangyang Hu (1), Lin Feng (2), Weidan Jiang (3), Pei Wu (4), Yang Liu (5), Shengyao Kuang (6), Ling Tang (7), Xiaoqiu Zhou* (8)
109	Tea polyphenol alleviate <i>Aeromonas hydrophila</i> - induced intestinal physical barrier damage in grass carp (<i>Ctenopharyngodon idella</i>)	<i>Aquaculture</i>	2021-11	544		737067	Yaobin Ma (1), Weidan Jiang (2), Pei Wu (3), Yang Liu (4), Jun Jiang (5), Shengyao Kuang (6), Ling Tang (7), Xiaoqiu Zhou* (8), Lin Feng* (9)
110	Effects of dietary methionine on growth performance, muscle nutritive deposition, muscle fibre growth and type I collagen synthesis of on-growing grass carp (<i>Ctenopharyngodon idella</i>)	<i>British Journal of Nutrition</i>	2021-08	126		321-336	Chuang-Chuang Fang (1), Lin Feng (2), Wei-Dan Jiang (3), Pei Wu (4), Yang Liu (5), Sheng-Yao Kuang (6), Ling Tang (7), Xiang-An Liu (8), Xiao-Qiu Zhou* (9)

111	Cinnamaldehyde improved intestine immune function and alleviated inflammation associated with NF-κB pathways in grass carp (<i>Ctenopharyngodon idella</i>) after infection with <i>Aeromonas hydrophila</i>	<i>Aquaculture Reports</i>	2021-11	21		100837	Yang Zhou (1), Lin Feng (2), Weidan Jiang (3), Pei Wu (4), Yang Liu (5), Jun Jiang (6), Shengyao Kuang (7), Ling Tang (8), Yan Peng (9), Xiaoqiu Zhou* (10)
112	Zearalenone induces immuno-compromised status via TOR/NF/κB pathway and aggravates the spread of <i>Aeromonas hydrophila</i> to grass carp gut (<i>Ctenopharyngodon idella</i>)	<i>Ecotoxicology and Environmental Safety</i>	2021-11	225		112786	Hongyun Zhang (1), Yali Wang (2), Xiaoqiu Zhou (3), Weidan Jiang (4), Pei Wu (5), Yang Liu (6), Lu Zhang (7), Haifeng Mi (8), Jun Jiang (9), Shengyao Kuang (10), Ling Tang (11), Lin Feng* (12)
113	Mannan oligosaccharides application: multipath restriction from aeromonas hydrophila infection in the skin barrier of grass carp (<i>Ctenopharyngodon idella</i>)	<i>Frontiers in Immunology</i>	2021-11	12		742107	Zhiyuan Lu (1), Lin Feng (2), Weidan Jiang (3), Pei Wu (4), Yang Liu (5), Jun Jiang (6), Shengyao Kuang (7), Ling Tang (8), Shuwei Li (9), Xiang'an Liu (10), Chengbo, Zhong (11), Xiaoqiu Zhou* (12)
114	New insights into the role of (2-Carboxyethyl) dimethylsulfonium Bromide (Br-DMPT) in enhancing the structural integrity of immune organs of	<i>Aquaculture</i>	2022-01	546		737303	Xingwei Liu (1), Lin Feng (2), Haifeng Mi (3), Lu Zhang (4), Weidan Jiang (5), Pei Wu (6), Jun Jiang (7), Shengyao Kuang (8), Ling Tang (9), Hequn Shi (10), Xiaoqiu Zhou#* (11), Yang Liu*(12)

	on-growing grass carp (<i>Ctenopharyngodon idella</i>)						
115	<i>Myo</i> -inositol prevents the gill rot in fish caused by <i>Flavobacterium columnare</i> infection	<i>Aquaculture</i>	2022-01	546		737393	Weidan Jiang (1), Shuangan Li (2), Hafeng Mi (3), Lu Zhang (4), Lin Feng (5), Pei Wu (6), Yang Liu (7), Jun Jiang (8), Shengyao Kuang (9), Ling Tang (10), Chengbo Zhong (11), Xiaoqiu Zhou* (12)
116	The negative impacts of dietary biotin deficiency on antioxidant status, apoptosis and tight junction protein transcription of immune organs in grass carp (<i>Ctenopharyngodon idella</i>)	<i>Aquaculture</i>	2022-01	547		737439	Peng He (1), Lin Feng (2), Lu Zhang (3), Haifeng Mi (4), Pei Wu (5), Yang Liu (6), Jun Jiang (7), Shengyao Kuang (8), Ling Tang (9), Xiaoqiu Zhou* (10), Weidan Jiang* (11)
117	Dietary isoleucine improved flesh quality, muscle antioxidant capacity, and muscle growth associated with AKT/TOR/S6K1 and AKT/FOXO3a signaling in hybrid bagrid catfish (<i>Pelteobagrus vachelli</i> × <i>Leiocassis longirostris</i>)	<i>Journal of Animal Science and Biotechnology</i>	2021-02	12		53	Qin Jiang (1), Mingyao Yan (2), Ye Zhao (3), Xiaoqiu Zhou* (4), Long Yin (5), Lin Feng (6), Yang Liu (7), Weidan Jiang (8), Pei Wu (9), Yan Wang (10), Defang Chen (11), Shiyong Yang (12), Xiaoli Huang (13), Jun Jiang* (14)

118	Effects of dry yeast supplementation on growth performance, rumen fermentation characteristics, slaughter performance and microbial communities in beef cattle	<i>Animal Biotechnology</i>	2021-02	2	2	1--12	Liu Siqiang (1), Shah Ali M (2), Yuan Mei (3), KANG Kun (4), Wang Zhisheng (5), Wang Lizhi (6), Xue Bai (7), Zou Huawei (8), Zhang Xiangfei (9), Yu Peiqiang (10), Wang Hongze (11), Tian Gang (12), Peng Qquanhui (13) *
119	Effects of dietary cation-anion differences at the early stage of transitional period on dry matter intake and plasma Ca metabolism in beef cows	<i>Animal Feed Science and Technology</i>	2021-06	278	6	114982	Yuan Mei (1), Shah Ali M (2), Zeng Lei (3), Wang ZhiSheng (4), Wang LiZhi (5), Xue Bai (6), Yu PeiQiang (7), Peng Quanhui (8) *
123	Effects of pre-mating calcium and phosphorus supplementation on reproduction efficiency of grazing yak heifers	<i>Animals</i>	2021-10	11	2	554	周佳, 张建勋, 薛本初, 岳双明, 杨超, 薛白
124	N-carbamylglutamate promotes follicular development by modulating cholesterol metabolism in yak ovaries	<i>Agriculture</i>	2021-08	11	9	825	周佳, 杜静静, 岳双明, 薛本初, 王立志, 彭全辉, 薛白
125	Metabolism response of grazing yak to dietary concentrate supplementation in warm season	<i>Animal</i>	2021-03	15	3		薛本初, 张建勋, 王之盛, 王立志, 彭全辉, 答勒措, 保善科, 孔祥颖, 薛白
126	Hepatic injury induced by dietary energy level via lipid accumulation	<i>Front. Vet. Sci.</i>	2021-09	8			薛本初, 洪琼花, 李湘, 路明丽, 周佳, 岳双明, 王之盛, 王立志, 彭全辉, 薛白

	and changed metabolites in growing semi-fine wool sheep						
127	Active dry yeast supplementation improves the growth performance, rumen fermentation, and immune response of weaned beef calves	<i>Animal Nutrition</i>	2021-09	7		1352-1359	Ma Jian (1), Wang Cheng (2), Wang Zhisheng(3), Cao Guang (4), Hu Rui (5), Wang Xueying (6), Zou Huawei (7), Kang Kun (8), Peng Quanhui (9), Xue Bai (10), Wang Lizhi (11), Zhu Yueming (12), Zhu Xiaopeng (13)
128	Effects of cofD gene knock-out on the methanogenesis of Methanobrevibacter ruminantium	<i>AMB Express</i>	2021-05	11	77	1-8	Jian Ma (1), Xueying Wang(2), Ting Zhou(3), Rui Hu(4), Huawei Zou(5), Zhisheng Wang(6), Cui Tan(7), Xiangfei Zhang(8),Quanhui Peng(9), Bai Xue(10), Lizhi Wang(11)
129	Glutamine supplementation affected the gut bacterial community and fermentation leading to improved nutrient digestibility in growth-retarded yaks	<i>FEMS Microbiology Ecology</i>	2021-06	97	7	Fiab084	Jian Ma (1), Yixiao Zhu (2), Zhisheng Wang(3),Xiong Yu(4), Rui Hu(5), Xueying Wang(6), Guang Cao (7), Huawei Zou(8), Ali Mujtaba Shah (9), Quanhui Peng(10), Bai Xue(11), Lizhi Wang(12), Suonan Zhao(13),Xiangying Kong(14)
132	Comparative study of growth performance, nutrient digestibility, and ruminal and fecal bacterial community between yaks and cattle-yaks raised	<i>AMB Express</i>	2021-06	11	98	1-11	Dai Qindan (1), Ma Jian (2), Cao Guang (3), Hu Rui (4), Zhu Yixiao (5), Li Guangyang (6), Zou Huawei (7), Wang Zhisheng(8), Peng Quanhui (9), Xue Bai (10), Wang Lizhi (11)

	by stall-feeding						
135	Effects of uni and bilateral castration on growth performance and lipid metabolism in yellow cattle	<i>Animal Biotechnology</i>	2021-06			1-8	Ali Mujtaba Shah(1), Zhisheng Wang(2), Jian Ma(3), Rui Hu(4), Xiang Li(5), Guangyang Li(6), Xiaohe Yao(7), Yixin Guo(8), Quanhui Peng(9), Bai Xue(10), Lizhi Wang(11)
136	Quercetin regulates skeletal muscle fiber type switching via adiponectin signaling	<i>Food & Function</i>	2021-03	12	6	2693-2702	Xiaoling Chen* (1), Dahui Liang (2), Zhiqing Huang* (3), Gang Jia (4), Hua Zhao (5), Guangmang Liu (6)
137	Naringin induces skeletal muscle fiber type transformation via AMPK/PGC-1 α signaling pathway in mice and C2C12 myotubes	<i>Nutrition Research</i>	2021-06	92		99-108	Yonghong Xue (1), Zhiqing Huang (2), Xiaoling Chen* (3), Gang Jia (4), Hua Zhao (5), Guangmang Liu (6)
138	Leucine regulates porcine muscle fiber type transformation via adiponectin signaling pathway	<i>Animal Biotechnology</i>	2021-02	32	1	1-9	Lu Xiang (1), Zhiqing Huang (2), Xiaoling Chen* (3), Gang Jia (4), Guangmang Liu (5), Hua Zhao (6)
139	Effect of supplementing hydroxy selenomethionine on meat quality of	<i>Poult Sci</i>	2021-08	100	10	1-9	Tang JY, He Z, Liu YG, Jia G, Liu GM, Chen XL, Tian G, Cai JY, Kang B, Zhao H.

	yellow feather broiler						
140	Selenium alleviates the negative effect of heat stress on myogenic differentiation of C2C12 cells with the response of selenogenome	<i>J Therm Biol</i>	2021-03	97		102874	Liu Y, He A, Tang J, Shah AM, Jia G, Liu G, Tian G, Chen X, Cai J, Kang B, Zhao H.
141	Selenogenome and AMPK signal insight into the protective effect of dietary selenium on chronic heat stress-induced hepatic metabolic disorder in growing pigs	<i>J Anim Sci Biotechnol</i>	2021-06	12	1	68	Liu Y, Tang J, He Y, Jia G, Liu G, Tian G, Chen X, Cai J, Kang B, Zhao H.
142	Hydroxy selenomethionine improves meat quality through optimal skeletal metabolism and functions of selenoproteins of pigs under chronic heat stress	<i>Antioxidants (Basel)</i>	2021-09	10	10	1558	Liu Y, Yin SG, Tang JY, Liu YG, Jia G, Liu GM, Tian G, Chen XL, Cai JY, Kang B, Zhao H.
143	Selenium exerts protective effects against heat stress-induced barrier disruption and inflammation	<i>J Sci Food Agric</i>	2021-06			doi:10.1002/jsfa.11377	He Y, Liu Y, Tang J, Jia G, Liu G, Tian G, Chen X, Cai J, Kang B, Zhao H.

	response in jejunum of growing pigs						
147	Tryptophan improves porcine intestinal epithelial cell restitution through the CaSR/Rac1/PLC- γ 1 signaling pathway	<i>Food and Function</i>	2021-05	12	8787-8799	Ke Gu (1), Guangamng Liu*(2), Caimei Wu(3), Gang Jia(4), Hua Zhao(5), Xiaoling Chen(6), Gang Tian (7), Jingyi Cai(8), Ruinan Zhang(9), Jing Wang(10)	
148	Tryptophan ameliorates barrier integrity and alleviates the inflammatory response to Enterotoxigenic Escherichia coli K88 through the CaSR/Rac1/PLC- γ 1 signaling pathway in porcine intestinal epithelial cells	<i>Frontier in Immunology</i>	2021-10	12	748497	Guangamng Liu*(1), Ke Gu (2), Fang Wang(3), Gang Jia(4), Hua Zhao(5), Xiaoling Chen(6), Caimei Wu(7), Ruinan Zhang(8), Gang Tian (9), Jingyi Cai(10), Jiayong Tang(11), Jing Wang(12)	
149	Spermine protects intestinal barrier integrity through ras-related C3 botulinum toxin substrate 1/phospholipase C- γ 1 signaling pathway in piglets	<i>Animal Nutrition</i>	2021-10		doi: 10.1080/10495398.2021.1998090	Guangamng Liu*(1), Xiaomei Xu(2), Caimei Wi(3), Gang Jia(4), Hua Zhao(5), Xiaoling Chen(6), Gang Tian (7), Jingyi Cai(8), Jing Wang(9)	

150	Calcium-sensing receptor protects intestinal integrity and alleviates the inflammatory response via the Rac1/PLC γ 1 signaling pathway	<i>Animal Biotechnology</i>	2021-10			doi: 10.1080/10495398.2021.1998090	Guangamng Liu*(1), Jie Zheng(2), Ke Gu (3), Caimei Wu(4), Gang Jia(5), Hua Zhao(6), Xiaoling Chen(7), Jing Wang(8)
151	STIM1 promotes IPEC-J2 porcine epithelial cell restitution by TRPC1 signaling	<i>Animal Biotechnology</i>	2021-07			doi: 10.1080/10495398.2021.1910044	Weiwei Mo(1), Guangamng Liu*(2), Caimei Wu(3), Gang Jia(4), Hua Zhao(5), Xiaoling Chen(6), Jing Wang(7)
152	Effects of spermine on the proliferation and migration of porcine intestinal epithelial cells	<i>Animal Biotechnology</i>	2021-06			doi: 10.1080/10495398.2021.1955699	Xiaomei Xu(1), Guangamng Liu*(2), Gang Jia(3), Hua Zhao(4), Xiaoling Chen(5), Caimei Wu(6), Jing Wang(7)
153	Effect of calcium-sensing receptor on the migration and proliferation of porcine intestinal epithelial cells	<i>Animal Biotechnology</i>	2021-07			doi: 10.1080/10495398.2021.1968885.	Jie Zheng(1), Guangamng Liu*(2), Caimei Wu(3), Gang Jia(4), Hua Zhao(5), Xiaoling Chen(6), Jing Wang(7)
154	Effect of manganese supplementation on the carcass traits, meat quality, intramuscular fat, and tissue manganese accumulation of pekin duck	<i>Poultry Science</i>	2021-02	100	5	1-11	Ting Yang (1), Xiaoyan Wang (2), Min Wen (3), Hua Zhao (4), Guangmang Liu (5), Xiaoling Chen(6), Gang Tian(7), Jingyi Cai (8), Gang Jia*(9)

155	Evaluating zinc glycine chelate in cherry valley ducks: responses of growth performance, nutrient utilization, serum parameters, antioxidant status, meat quality and zinc accumulation	<i>Animal Feed Science and Technology</i>	2021-02	275	2	1-14	Yaqi Chang (1), Zhenyu Zhang (2), Bing Wu (3), Hua Zhao (4), Guangmang Liu (5), Xiaoling Chen(6), Gang Tian(7), Jingyi Cai (8), Gang Jia*(9)
156	Glucagon - like peptide 2 attenuates intestinal mucosal barrier injury through the MLCK/pMLC signaling pathway in a piglet model	<i>Journal of Cellular Physiology</i>	2021-01	236	4	3015-3012	Yaqi Chang (1), Qiuhong Deng (2), Zhenyu Zhang (3), Hua Zhao (4), Jiayong Tang(5) Xiaoling Chen(6), Guangmang Liu (7), , Gang Tian(8), Jingyi Cai (9), Gang Jia*(10)
157	Bio-detoxification of jatropha curcas L. cake by a soil-borne Mucor circinelloides strain using a zebrafish survival model and solid-state fermentation	<i>Journal of Applied Microbiology</i>	2021-02	130	3	852-864	Zhenyu Zhang (1), Yaqi Chang (2), Huangyao Tang (3), Hua Zhao (4), Xiaoling Chen (5), Gang Tian (6), Guangmang Liu (7), Jingyi Cai (8), Gang Jia*(9)
158	Effect of zinc supplementation on growth performance, intestinal development, and intestinal barrier function in pekin ducks with	<i>Poultry Science</i>	2021-12	100	12	1-12	Yueqin Xie (1), Min Wen (2), Hua Zhao (3), Guangmang Liu (4), Xiaoling Chen (5), Gang Tian (6), Jingyi Cai (7), Gang Jia*(8)

	lipopolysacchari de challenge						
--	----------------------------------	--	--	--	--	--	--