

Xiaoling Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145 papers	1,788 citations	20 h-index	34 g-index
155 ext. papers	2,391 ext. citations	3.7 avg, IF	4.91 L-index

#	Paper	IF	Citations
145	Cloning, functional expression and characterization of <i>Aspergillus sulphureus</i> beta-mannanase in <i>Pichia pastoris</i> . <i>Journal of Biotechnology</i> , 2007 , 128, 452-61	3.7	112
144	Myostatin: a novel insight into its role in metabolism, signal pathways, and expression regulation. <i>Cellular Signalling</i> , 2011 , 23, 1441-6	4.9	98
143	Human induced turbidity changes in Poyang Lake between 2000 and 2010: Observations from MODIS. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		90
142	MicroRNA-27a promotes myoblast proliferation by targeting myostatin. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 423, 265-9	3.4	85
141	Regulation of myostatin signaling by c-Jun N-terminal kinase in C2C12 cells. <i>Cellular Signalling</i> , 2007 , 19, 2286-95	4.9	67
140	Automatic intercalibration of night-time light imagery using robust regression. <i>Remote Sensing Letters</i> , 2013 , 4, 45-54	2.3	61
139	FoxO1: a novel insight into its molecular mechanisms in the regulation of skeletal muscle differentiation and fiber type specification. <i>Oncotarget</i> , 2017 , 8, 10662-10674	3.3	46
138	Effects of spermine on the morphology, digestive enzyme activities, and antioxidant status of jejunum in suckling rats. <i>RSC Advances</i> , 2015 , 5, 76607-76614	3.7	37
137	Arginine promotes skeletal muscle fiber type transformation from fast-twitch to slow-twitch via Sirt1/AMPK pathway. <i>Journal of Nutritional Biochemistry</i> , 2018 , 61, 155-162	6.3	37
136	Remote sensing and GIS application in the detection of environmental degradation indicators. <i>Geo-Spatial Information Science</i> , 2011 , 14, 39-47	3.5	35
135	Spermine: new insights into the intestinal development and serum antioxidant status of suckling piglets. <i>RSC Advances</i> , 2016 , 6, 31323-31335	3.7	27
134	Pancreatic atrophy caused by dietary selenium deficiency induces hypoinsulinemic hyperglycemia via global down-regulation of selenoprotein encoding genes in broilers. <i>PLoS ONE</i> , 2017 , 12, e0182079	3.7	27
133	Arginine, -carbamyglutamate, and glutamine exert protective effects against oxidative stress in rat intestine. <i>Animal Nutrition</i> , 2016 , 2, 242-248	4.8	26
132	Changes in the metabolome of rats after exposure to arginine and N-carbamyglutamate in combination with diquat, a compound that causes oxidative stress, assessed by 1H NMR spectroscopy. <i>Food and Function</i> , 2016 , 7, 964-74	6.1	25
131	Remote-sensing monitoring for spatio-temporal dynamics of sand dredging activities at Poyang Lake in China. <i>International Journal of Remote Sensing</i> , 2014 , 35, 6004-6022	3.1	24
130	MicroRNA-27a is induced by leucine and contributes to leucine-induced proliferation promotion in C2C12 cells. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 14076-84	6.3	24
129	Resveratrol regulates muscle fiber type conversion via miR-22-3p and AMPK/SIRT1/PGC-1 α pathway. <i>Journal of Nutritional Biochemistry</i> , 2020 , 77, 108297	6.3	24

128	Deferoxamine suppresses esophageal squamous cell carcinoma cell growth via ERK1/2 mediated mitochondrial dysfunction. <i>Cancer Letters</i> , 2018 , 432, 132-143	9.9	22
127	MicroRNA-499-5p regulates skeletal myofiber specification via NFATc1/MEF2C pathway and Thrap1/MEF2C axis. <i>Life Sciences</i> , 2018 , 215, 236-245	6.8	22
126	Ferulic acid regulates muscle fiber type formation through the Sirt1/AMPK signaling pathway. <i>Food and Function</i> , 2019 , 10, 259-265	6.1	21
125	Leucine promotes porcine myofibre type transformation from fast-twitch to slow-twitch through the protein kinase B (Akt)/forkhead box 1 signalling pathway and microRNA-27a. <i>British Journal of Nutrition</i> , 2019 , 121, 1-8	3.6	20
124	Role of akirin in skeletal myogenesis. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 3817-23	6.3	19
123	The Effects of Glucagon-like Peptide-2 on the Tight Junction and Barrier Function in IPEC-J2 Cells through Phosphatidylinositol 3-kinase-Protein Kinase B-Mammalian Target of Rapamycin Signaling Pathway. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016 , 29, 731-8	2.4	19
122	Effects of dietary apple polyphenol supplementation on carcass traits, meat quality, muscle amino acid and fatty acid composition in finishing pigs. <i>Food and Function</i> , 2019 , 10, 7426-7434	6.1	19
121	Nutrimetabolomic analysis provides new insights into spermine-induced ileum-system alterations for suckling rats. <i>RSC Advances</i> , 2015 , 5, 48769-48778	3.7	18
120	Role of microRNA-27a in myoblast differentiation. <i>Cell Biology International</i> , 2014 , 38, 266-71	4.5	18
119	Pea fiber and wheat bran fiber show distinct metabolic profiles in rats as investigated by a 1H NMR-based metabolomic approach. <i>PLoS ONE</i> , 2014 , 9, e115561	3.7	18
118	New insights into the role of spermine in enhancing the antioxidant capacity of rat spleen and liver under oxidative stress. <i>Animal Nutrition</i> , 2017 , 3, 85-90	4.8	17
117	Akirin2 regulates proliferation and differentiation of porcine skeletal muscle satellite cells via ERK1/2 and NFATc1 signaling pathways. <i>Scientific Reports</i> , 2017 , 7, 45156	4.9	17
116	MicroRNA-139-5p suppresses myosin heavy chain I and IIa expression via inhibition of the calcineurin/NFAT signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 500, 930-936	3.4	17
115	Damage to the myogenic differentiation of C2C12 cells by heat stress is associated with up-regulation of several selenoproteins. <i>Scientific Reports</i> , 2018 , 8, 10601	4.9	17
114	Metabolomic strategy for the detection of metabolic effects of spermine supplementation in weaned rats. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 9035-42	5.7	17
113	Systemic responses of weaned rats to spermine against oxidative stress revealed by a metabolomic strategy. <i>RSC Advances</i> , 2014 , 4, 56766-56778	3.7	17
112	Molecular cloning, tissue distribution, and functional analysis of porcine Akirin2. <i>Animal Biotechnology</i> , 2012 , 23, 124-31	1.4	17
111	Regulation of skeletal myogenesis by microRNAs. <i>Journal of Cellular Physiology</i> , 2020 , 235, 87-104	7	17

110	FTO Promotes Adipogenesis through Inhibition of the Wnt/ β -catenin Signaling Pathway in Porcine Intramuscular Preadipocytes. <i>Animal Biotechnology</i> , 2017 , 28, 268-274	1.4	16
109	Supranutritional dietary selenium induced hyperinsulinemia and dyslipidemia via affected expression of selenoprotein genes and insulin signal-related genes in broiler. <i>RSC Advances</i> , 2016 , 6, 84990-84998	3.7	16
108	Leucine regulates slow-twitch muscle fibers expression and mitochondrial function by Sirt1/AMPK signaling in porcine skeletal muscle satellite cells. <i>Animal Science Journal</i> , 2019 , 90, 255-263	1.8	15
107	Grape seed proanthocyanidin extract promotes skeletal muscle fiber type transformation via AMPK signaling pathway. <i>Journal of Nutritional Biochemistry</i> , 2020 , 84, 108462	6.3	14
106	Procyanidin B2 Promotes Skeletal Slow-Twitch Myofiber Gene Expression through the AMPK Signaling Pathway in C2C12 Myotubes. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 1306-1314	5.7	14
105	Expression of Selenoprotein Genes Is Affected by Heat Stress in IPEC-J2 Cells. <i>Biological Trace Element Research</i> , 2016 , 172, 354-360	4.5	14
104	Effects of dietary leucine on antioxidant activity and expression of antioxidant and mitochondrial-related genes in longissimus dorsi muscle and liver of piglets. <i>Animal Science Journal</i> , 2019 , 90, 990-998	1.8	14
103	Effects of dietary fiber on the antioxidant capacity, immune status, and antioxidant-relative signaling molecular gene expression in rat organs. <i>RSC Advances</i> , 2017 , 7, 19611-19620	3.7	14
102	Expression and purification of porcine Akirin2 in Escherichia coli. <i>Turkish Journal of Biology</i> , 2014 , 38, 339-345	3.1	14
101	Overexpression of an optimized Aspergillus sulphureus β -mannanase gene in Pichia pastoris. <i>Biologia (Poland)</i> , 2009 , 64, 235-238	1.5	14
100	Tissue Distribution of Porcine FTO and Its Effect on Porcine Intramuscular Preadipocytes Proliferation and Differentiation. <i>PLoS ONE</i> , 2016 , 11, e0151056	3.7	14
99	Effect of Zinc Supplementation on Growth Performance, Intestinal Development, and Intestinal Barrier-Related Gene Expression in Pekin Ducks. <i>Biological Trace Element Research</i> , 2018 , 183, 351-360	4.5	13
98	Selenoprotein X Gene Knockdown Aggravated H ₂ O ₂ -Induced Apoptosis in Liver LO2 Cells. <i>Biological Trace Element Research</i> , 2016 , 173, 71-8	4.5	13
97	Calcium-sensing receptor in nutrient sensing: an insight into the modulation of intestinal homoeostasis. <i>British Journal of Nutrition</i> , 2018 , 120, 881-890	3.6	13
96	Arginine Promotes Slow Myosin Heavy Chain Expression via Akirin2 and the AMP-Activated Protein Kinase Signaling Pathway in Porcine Skeletal Muscle Satellite Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 4734-4740	5.7	12
95	The protective effect of selenium from heat stress-induced porcine small intestinal epithelial cell line (IPEC-J2) injury is associated with regulation expression of selenoproteins. <i>British Journal of Nutrition</i> , 2019 , 122, 1081-1090	3.6	12
94	Prokaryotic expression, purification and characterization of Aspergillus sulphureus β -mannanase and site-directed mutagenesis of the catalytic residues. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 149, 139-44	3.2	12
93	New insights into the role of dietary spermine on inflammation, immune function and related-signalling molecules in the thymus and spleen of piglets. <i>Archives of Animal Nutrition</i> , 2017 , 71, 175-191	2.7	11

92	Spatial-temporal changes of NDVI and their relations with precipitation and temperature in Yangtze River basin from 1981 to 2001. <i>Geo-Spatial Information Science</i> , 2010 , 13, 186-190	3.5	11
91	Effects of spermine supplementation on the morphology, digestive enzyme activities, and antioxidant capacity of intestine in weaning rats. <i>Animal Nutrition</i> , 2016 , 2, 370-375	4.8	11
90	Effects of Dietary Zinc on Carcass Traits, Meat Quality, Antioxidant Status, and Tissue Zinc Accumulation of Pekin Ducks. <i>Biological Trace Element Research</i> , 2019 , 190, 187-196	4.5	11
89	Effect of porcine Akirin2 on skeletal myosin heavy chain isoform expression. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 3996-4006	6.3	10
88	Supranutritional dietary selenium depressed expression of selenoprotein genes in three immune organs of broilers. <i>Animal Science Journal</i> , 2017 , 88, 331-338	1.8	9
87	Dietary Ferulic Acid Supplementation Improves Antioxidant Capacity and Lipid Metabolism in Weaned Piglets. <i>Nutrients</i> , 2020 , 12,	6.7	9
86	Changes in the soil erosion status in the middle and lower reaches of the Yangtze River basin from 2001 to 2014 and the impacts of erosion on the water quality of lakes and reservoirs. <i>International Journal of Remote Sensing</i> , 2020 , 41, 3175-3196	3.1	9
85	Putrescine enhances intestinal immune function and regulates intestinal bacteria in weaning piglets. <i>Food and Function</i> , 2019 , 10, 4134-4142	6.1	8
84	Selenium Pretreatment Alleviated LPS-Induced Immunological Stress Via Upregulation of Several Selenoprotein Encoding Genes in Murine RAW264.7 Cells. <i>Biological Trace Element Research</i> , 2018 , 186, 505-513	4.5	8
83	Roles of dietary supplementation with arginine or N-carbamylglutamate in modulating the inflammation, antioxidant property, and mRNA expression of antioxidant-relative signaling molecules in the spleen of rats under oxidative stress. <i>Animal Nutrition</i> , 2018 , 4, 322-328	4.8	8
82	STEAP4 and insulin resistance. <i>Endocrine</i> , 2014 , 47, 372-9	4	8
81	Numerical simulation-aided MODIS capture of sediment transport for the Bohai Sea in China. <i>International Journal of Remote Sensing</i> , 2014 , 35, 4225-4238	3.1	8
80	Effects of Dietary Apple Polyphenols Supplementation on Hepatic Fat Deposition and Antioxidant Capacity in Finishing Pigs. <i>Animals</i> , 2019 , 9,	3.1	8
79	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 , 236, 3015-3032	7	8
78	Effects of dietary resveratrol supplementation on growth performance and muscle fiber type transformation in weaned piglets. <i>Animal Feed Science and Technology</i> , 2020 , 265, 114499	3	7
77	Dietary apple polyphenols supplementation enhances antioxidant capacity and improves lipid metabolism in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019 , 103, 1512-1520	2.6	7
76	Porcine phosphotyrosine interaction domain containing 1 modulates 3T3-L1 preadipocyte proliferation and differentiation. <i>Biologia (Poland)</i> , 2013 , 68, 1010-1014	1.5	7
75	Role of NYGGF4 in insulin resistance. <i>Molecular Biology Reports</i> , 2012 , 39, 5367-71	2.8	7

74	Urinary Metabolomic Approach Provides New Insights into Distinct Metabolic Profiles of Glutamine and N-Carbamylglutamate Supplementation in Rats. <i>Nutrients</i> , 2016 , 8,	6.7	7
73	Effects of dietary resveratrol supplementation on immunity, antioxidative capacity and intestinal barrier function in weaning piglets. <i>Animal Biotechnology</i> , 2021 , 32, 240-245	1.4	7
72	Quercetin regulates skeletal muscle fiber type switching via adiponectin signaling. <i>Food and Function</i> , 2021 , 12, 2693-2702	6.1	7
71	Characterization of bioactive recombinant antimicrobial peptide parasin I fused with human lysozyme expressed in the yeast <i>Pichia pastoris</i> system. <i>Enzyme and Microbial Technology</i> , 2015 , 77, 61-73.	3.8	6
70	Leucine promotes differentiation of porcine myoblasts through the protein kinase B (Akt)/Forkhead box O1 signalling pathway. <i>British Journal of Nutrition</i> , 2018 , 119, 727-733	3.6	6
69	Role of Phosphotyrosine Interaction Domain Containing 1 in Porcine Intramuscular Preadipocyte Proliferation and Differentiation. <i>Animal Biotechnology</i> , 2016 , 27, 287-94	1.4	6
68	Influence of the Three Gorges Project on the Water Resource Components of Poyang Lake Watershed: Observations from TRMM and GRACE. <i>Advances in Meteorology</i> , 2015 , 2015, 1-7	1.7	6
67	Partial optimization of the 5-terminal codon increased a recombination porcine pancreatic lipase (opPPL) expression in <i>Pichia pastoris</i> . <i>PLoS ONE</i> , 2014 , 9, e114385	3.7	6
66	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 , 101, 5116-5123	4.3	6
65	Arginine: New Insights into Growth Performance and Urinary Metabolomic Profiles of Rats. <i>Molecules</i> , 2016 , 21,	4.8	6
64	Effects of dietary grape seed proanthocyanidin extract supplementation on meat quality, muscle fiber characteristics and antioxidant capacity of finishing pigs. <i>Food Chemistry</i> , 2022 , 367, 130781	8.5	6
63	Akirin2 promotes slow myosin heavy chain expression by CaN/NFATc1 signaling in porcine skeletal muscle satellite cells. <i>Oncotarget</i> , 2017 , 8, 25158-25166	3.3	5
62	Anti-fatigue effect of quercetin on enhancing muscle function and antioxidant capacity. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13968	3.3	5
61	Arginine promotes porcine type I muscle fibres formation through improvement of mitochondrial biogenesis. <i>British Journal of Nutrition</i> , 2020 , 123, 499-507	3.6	5
60	Effects of glutamine against oxidative stress in the metabolome of ratsNew insight. <i>RSC Advances</i> , 2016 , 6, 74515-74524	3.7	5
59	Effects of Active Immunization Against Akirin2 on Muscle Fiber-type Composition in Pigs. <i>Animal Biotechnology</i> , 2019 , 30, 1-6	1.4	5
58	The effect of arginine on the Wnt/ β -catenin signaling pathway during porcine intramuscular preadipocyte differentiation. <i>Food and Function</i> , 2017 , 8, 381-386	6.1	4
57	Enhancing the expression of <i>Aspergillus niger</i> β -mannanase in <i>Pichia pastoris</i> by coexpression of protein disulfide isomerase. <i>Turkish Journal of Biology</i> , 2015 , 39, 312-319	3.1	4

56	Construction and expression of two-copy engineered yeast of feruloyl esterase. <i>Electronic Journal of Biotechnology</i> , 2015 , 18, 338-342	3.1	4
55	Dietary Sodium Butyrate Supplementation Promotes Oxidative Fiber Formation in Mice. <i>Animal Biotechnology</i> , 2018 , 29, 212-215	1.4	4
54	Effects of fatty acid transport protein 1 on proliferation and differentiation of porcine intramuscular preadipocytes. <i>Animal Science Journal</i> , 2017 , 88, 731-738	1.8	4
53	Land-use/-cover change spatial patterns and their impacts on sediment charge in the Longchuan River catchment, south-western China. <i>International Journal of Remote Sensing</i> , 2012 , 33, 4527-4552	3.1	4
52	Tryptophan Ameliorates Barrier Integrity and Alleviates the Inflammatory Response to Enterotoxigenic K88 Through the CaSR/Rac1/PLC- β Signaling Pathway in Porcine Intestinal Epithelial Cells. <i>Frontiers in Immunology</i> , 2021 , 12, 748497	8.4	4
51	STIM1 promotes IPEC-J2 porcine epithelial cell restitution by TRPC1 signaling. <i>Animal Biotechnology</i> , 2021 , 1-12	1.4	4
50	Selenium alleviates the negative effect of heat stress on myogenic differentiation of C2C12 cells with the response of selenogenome. <i>Journal of Thermal Biology</i> , 2021 , 97, 102874	2.9	4
49	Effect of manganese supplementation on the carcass traits, meat quality, intramuscular fat, and tissue manganese accumulation of Pekin duck. <i>Poultry Science</i> , 2021 , 100, 101064	3.9	4
48	Selenium exerts protective effects against heat stress-induced barrier disruption and inflammation response in jejunum of growing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2022 , 102, 496-504	4.3	4
47	Effects of apple polyphenols on myofiber-type transformation in muscle of finishing pigs. <i>Animal Biotechnology</i> , 2021 , 32, 246-253	1.4	4
46	Tryptophan improves porcine intestinal epithelial cell restitution through the CaSR/Rac1/PLC- β signaling pathway. <i>Food and Function</i> , 2021 , 12, 8787-8799	6.1	4
45	Effects of putrescine on gene expression in relation to physical barriers and antioxidant capacity in organs of weaning piglets.. <i>RSC Advances</i> , 2019 , 9, 19584-19595	3.7	3
44	Effects of dietary spermine supplementation on cell cycle, apoptosis, and amino acid transporters of the thymus and spleen in piglets. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018 , 31, 1325-1335	2.4	3
43	Changes in the wetland vegetation growth patterns in large lakes on the Yangtze Plain. <i>International Journal of Remote Sensing</i> , 2019 , 40, 4290-4301	3.1	3
42	The Hepatoprotective Effects of Zinc Glycine on Liver Injury in Meat Duck Through Alleviating Hepatic Lipid Deposition and Inflammation. <i>Biological Trace Element Research</i> , 2020 , 195, 569-578	4.5	3
41	miR-22-3p regulates muscle fiber-type conversion through inhibiting AMPK/SIRT1/PGC-1 β pathway. <i>Animal Biotechnology</i> , 2021 , 32, 254-261	1.4	3
40	Effects of MicroRNA-27a on Myogenin Expression and Akt/FoxO1 Signal Pathway during Porcine Myoblast Differentiation. <i>Animal Biotechnology</i> , 2018 , 29, 183-189	1.4	3
39	Lycopene increases the proportion of slow-twitch muscle fiber by AMPK signaling to improve muscle anti-fatigue ability. <i>Journal of Nutritional Biochemistry</i> , 2021 , 94, 108750	6.3	3

38	Naringin induces skeletal muscle fiber type transformation via AMPK/PGC-1 β signaling pathway in mice and C2C12 myotubes. <i>Nutrition Research</i> , 2021 , 92, 99-108	4	3
37	Dietary lycopene supplementation improves meat quality, antioxidant capacity and skeletal muscle fiber type transformation in finishing pigs.. <i>Animal Nutrition</i> , 2022 , 8, 256-264	4.8	3
36	Effects of dietary lycopene supplementation on intestinal morphology, antioxidant capability and inflammatory response in finishing pigs. <i>Animal Biotechnology</i> , 2021 , 1-8	1.4	3
35	Arginine induces skeletal muscle fiber type conversion by upregulating Akirin2 and AMPK/PGC-1 α in mice. <i>Biologia (Poland)</i> , 2019 , 74, 709-715	1.5	2
34	Prokaryotic expression and characterization of a keratinolytic protease from <i>Aspergillus niger</i> . <i>Biologia (Poland)</i> , 2015 , 70, 157-164	1.5	2
33	An effect of dietary phloretin supplementation on feed intake in mice. <i>Food and Function</i> , 2019 , 10, 5752-5758	2	2
32	Effects of slaughter age on carcass traits and meat quality of crossbred (Duroc \times Landrace \times Yorkshire) finishing pigs. <i>Animal Biotechnology</i> , 2021 , 1-7	1.4	2
31	Dietary dihydromyricetin supplementation enhances antioxidant capacity and improves lipid metabolism in finishing pigs. <i>Food and Function</i> , 2021 , 12, 6925-6935	6.1	2
30	Effect of dietary L-theanine supplementation on skeletal muscle fiber type transformation in vivo. <i>Journal of Nutritional Biochemistry</i> , 2022 , 99, 108859	6.3	2
29	Effects of spermine on liver barrier function, amino acid transporters, immune status, and apoptosis in piglets.. <i>RSC Advances</i> , 2019 , 9, 11054-11062	3.7	1
28	Digestive abilities, amino acid transporter expression, and metabolism in the intestines of piglets fed with spermine. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13167	3.3	1
27	Effects of Drinking Water Temperature and Flow Rate during Cold Season on Growth Performance, Nutrient Digestibility and Cecum Microflora of Weaned Piglets. <i>Animals</i> , 2020 , 10,	3.1	1
26	Molecular cloning and biochemical characterization of two novel oligo-1,6-glucosidases from <i>Bacillus mycoides</i> and <i>Thermomyces lanuginosus</i> . <i>Starch/Staerke</i> , 2018 , 70, 1700093	2.3	1
25	Geomatics-based water capacity monitoring for Quake Lake and its web service implementation. <i>Desalination and Water Treatment</i> , 2014 , 52, 2700-2708		1
24	Modeling net energy requirements of 2 to 3-week-old Cherry Valley ducks. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020 , 33, 1624-1632	2.4	1
23	Calcium-sensing receptor protects intestinal integrity and alleviates the inflammatory response via the Rac1/PLC β signaling pathway. <i>Animal Biotechnology</i> , 2021 , 1-14	1.4	1
22	Exploring the Metabolomic Responses of to Temperature Stress by Gas Chromatography/Mass Spectrometry. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 473-481	3.3	1
21	Selenogenome and AMPK signal insight into the protective effect of dietary selenium on chronic heat stress-induced hepatic metabolic disorder in growing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2021 , 12, 68	6	1

20	Codon optimization of <i>Aspergillus niger</i> feruloyl esterase and its expression in <i>Pichia pastoris</i> . <i>Biologia (Poland)</i> , 2016 , 71, 626-631	1.5	1
19	Effects of sacchariterpenin on antioxidant status and urinary metabolic profile of rats. <i>Animal Nutrition</i> , 2019 , 5, 191-195	4.8	1
18	Leucine regulates porcine muscle fiber type transformation via adiponectin signaling pathway. <i>Animal Biotechnology</i> , 2021 , 1-9	1.4	1
17	Overexpression of the <i>Bacillus licheniformis</i> GroES enhances thermotolerance of <i>Bacillus subtilis</i> WB600. <i>Biotechnology and Biotechnological Equipment</i> , 2018 , 32, 1527-1532	1.6	1
16	Dihydromyricetin improves meat quality and promotes skeletal muscle fiber type transformations AMPK signaling in growing-finishing pigs.. <i>Food and Function</i> , 2022 , 13, 3649-3659	6.1	1
15	Effect of dietary dihydromyricetin supplementation on lipid metabolism, antioxidant capacity and skeletal muscle fiber type transformation in mice. <i>Animal Biotechnology</i> , 2021 , 1-8	1.4	1
14	Zinc Methionine Improves the Growth Performance of Meat Ducks by Enhancing the Antioxidant Capacity and Intestinal Barrier Function.. <i>Frontiers in Veterinary Science</i> , 2022 , 9, 774160	3.1	0
13	Dietary ferulic acid supplementation improves intestinal antioxidant capacity and intestinal barrier function in weaned piglets. <i>Animal Biotechnology</i> , 2021 , 1-6	1.4	0
12	Spermine protects intestinal barrier integrity through ras-related C3 botulinum toxin substrate 1/phospholipase C- α signaling pathway in piglets.. <i>Animal Nutrition</i> , 2022 , 8, 135-143	4.8	0
11	Procyanidin B2 induces porcine skeletal slow-twitch myofiber gene expression by AMP-activated protein kinase signaling pathway. <i>Animal Biotechnology</i> , 2021 , 1-10	1.4	0
10	Role of FIT2 in porcine intramuscular preadipocyte differentiation. <i>Biologia (Poland)</i> , 2016 , 71, 1404-1409	2.5	0
9	Effect of Iron Supplementation on Growth Performance, Hematological Parameters, Nutrient Utilization, Organ Development, and Fe-Containing Enzyme Activity in Pekin Ducks. <i>Biological Trace Element Research</i> , 2019 , 189, 538-547	4.5	0
8	Effect of zinc supplementation on growth performance, intestinal development, and intestinal barrier function in Pekin ducks with lipopolysaccharide challenge. <i>Poultry Science</i> , 2021 , 100, 101462	3.9	0
7	Resveratrol regulates muscle fiber type gene expression through AMPK signaling pathway and miR-22-3p in porcine myotubes.. <i>Animal Biotechnology</i> , 2022 , 1-7	1.4	0
6	Dietary Tryptophan Supplementation Improves Antioxidant Status and Alleviates Inflammation, Endoplasmic Reticulum Stress, Apoptosis, and Pyroptosis in the Intestine of Piglets after Lipopolysaccharide Challenge. <i>Antioxidants</i> , 2022 , 11, 872	7.1	0
5	Effect of dietary L-theanine supplementation on skeletal muscle fiber type transformation in weaning piglets. <i>Animal Biotechnology</i> , 2021 , 1-9	1.4	0
4	Effects of active immunization against porcine Sox6 on meat quality and myosin heavy chain isoform expression in growing-finishing pigs. <i>Animal Biotechnology</i> , 2019 , 30, 260-266	1.4	
3	Effects of spermine on the proliferation and migration of porcine intestinal epithelial cells. <i>Animal Biotechnology</i> , 2021 , 1-8	1.4	

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| 2 | Effect of calcium-sensing receptor on the migration and proliferation of porcine intestinal epithelial cells. <i>Animal Biotechnology</i> , 2021 , 1-10 | 1.4 |
| 1 | Effect of dietary leucine supplementation on skeletal muscle fiber type transformation in weaning piglets. <i>Animal Biotechnology</i> , 2021 , 1-9 | 1.4 |