Xiaoling Chen

List of Publications by Year in Descending Order

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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	Zinc Methionine Improves the Growth Performance of Meat Ducks by Enhancing the Antioxidant Capacity and Intestinal Barrier Function.. *Frontiers in Veterinary Science*, **2022**, 9, 774160	3.1	0
144	Spermine protects intestinal barrier integrity through ras-related C3 botulinum toxin substrate 1/phospholipase C-1 signaling pathway in piglets.. *Animal Nutrition*, **2022**, 8, 135-143	4.8	0
143	Selenium exerts protective effects against heat stress-induced barrier disruption and inflammation response in jejunum of growing pigs. *Journal of the Science of Food and Agriculture*, **2022**, 102, 496-504	4.3	4
142	Dietary lycopene supplementation improves meat quality, antioxidant capacity and skeletal muscle fiber type transformation in finishing pigs.. *Animal Nutrition*, **2022**, 8, 256-264	4.8	3
141	Effect of dietary L-theanine supplementation on skeletal muscle fiber type transformation in vivo. *Journal of Nutritional Biochemistry*, **2022**, 99, 108859	6.3	2
140	Effects of dietary grape seed proanthocyanidin extract supplementation on meat quality, muscle fiber characteristics and antioxidant capacity of finishing pigs. *Food Chemistry*, **2022**, 367, 130781	8.5	6
139	Dihydromyricetin improves meat quality and promotes skeletal muscle fiber type transformations AMPK signaling in growing-finishing pigs.. *Food and Function*, **2022**, 13, 3649-3659	6.1	1
138	Resveratrol regulates muscle fiber type gene expression through AMPK signaling pathway and miR-22-3p in porcine myotubes.. *Animal Biotechnology*, **2022**, 1-7	1.4	0
137	Dietary Tryptophan Supplementation Improves Antioxidant Status and Alleviates Inflammation, Endoplasmic Reticulum Stress, Apoptosis, and Pyroptosis in the Intestine of Piglets after Lipopolysaccharide Challenge. *Antioxidants*, **2022**, 11, 872	7.1	0
136	Dietary ferulic acid supplementation improves intestinal antioxidant capacity and intestinal barrier function in weaned piglets. *Animal Biotechnology*, **2021**, 1-6	1.4	0
135	Calcium-sensing receptor protects intestinal integrity and alleviates the inflammatory response via the Rac1/PLC1 signaling pathway. *Animal Biotechnology*, **2021**, 1-14	1.4	1
134	Tryptophan Ameliorates Barrier Integrity and Alleviates the Inflammatory Response to Enterotoxigenic K88 Through the CaSR/Rac1/PLC-1 Signaling Pathway in Porcine Intestinal Epithelial Cells. *Frontiers in Immunology*, **2021**, 12, 748497	8.4	4
133	Anti-fatigue effect of quercetin on enhancing muscle function and antioxidant capacity. *Journal of Food Biochemistry*, **2021**, 45, e13968	3.3	5
132	Effects of dietary ferulic acid supplementation on growth performance and skeletal muscle fiber type conversion in weaned piglets. *Journal of the Science of Food and Agriculture*, **2021**, 101, 5116-5123	4.3	6
131	Effects of slaughter age on carcass traits and meat quality of crossbred (Duroc Landrace Yorkshire) finishing pigs. *Animal Biotechnology*, **2021**, 1-7	1.4	2
130	STIM1 promotes IPEC-J2 porcine epithelial cell restitution by TRPC1 signaling. *Animal Biotechnology*, **2021**, 1-12	1.4	4
129	Selenium alleviates the negative effect of heat stress on myogenic differentiation of C2C12cells with the response of selenogenome. *Journal of Thermal Biology*, **2021**, 97, 102874	2.9	4

128	Effect of manganese supplementation on the carcass traits, meat quality, intramuscular fat, and tissue manganese accumulation of Pekin duck. *Poultry Science*, **2021**, 100, 101064	3.9	4
127	Selenogenome and AMPK signal insight into the protective effect of dietary selenium on chronic heat stress-induced hepatic metabolic disorder in growing pigs. *Journal of Animal Science and Biotechnology*, **2021**, 12, 68	6	1
126	Procyanidin B2 induces porcine skeletal slow-twitch myofiber gene expression by AMP-activated protein kinase signaling pathway. *Animal Biotechnology*, **2021**, 1-10	1.4	0
125	Effects of apple polyphenols on myofiber-type transformation in muscle of finishing pigs. *Animal Biotechnology*, **2021**, 32, 246-253	1.4	4
124	miR-22-3p regulates muscle fiber-type conversion through inhibiting AMPK/SIRT1/PGC-1α pathway. *Animal Biotechnology*, **2021**, 32, 254-261	1.4	3
123	Glucagon-like peptide 2 attenuates intestinal mucosal barrier injury through the MLCK/pMLC signaling pathway in a piglet model. *Journal of Cellular Physiology*, **2021**, 236, 3015-3032	7	8
122	Effects of dietary resveratrol supplementation on immunity, antioxidative capacity and intestinal barrier function in weaning piglets. *Animal Biotechnology*, **2021**, 32, 240-245	1.4	7
121	Dietary dihydromyricetin supplementation enhances antioxidant capacity and improves lipid metabolism in finishing pigs. *Food and Function*, **2021**, 12, 6925-6935	6.1	2
120	Quercetin regulates skeletal muscle fiber type switching via adiponectin signaling. *Food and Function*, **2021**, 12, 2693-2702	6.1	7
119	Tryptophan improves porcine intestinal epithelial cell restitution through the CaSR/Rac1/PLC-γ1 signaling pathway. *Food and Function*, **2021**, 12, 8787-8799	6.1	4
118	Leucine regulates porcine muscle fiber type transformation via adiponectin signaling pathway. *Animal Biotechnology*, **2021**, 1-9	1.4	1
117	Lycopene increases the proportion of slow-twitch muscle fiber by AMPK signaling to improve muscle anti-fatigue ability. *Journal of Nutritional Biochemistry*, **2021**, 94, 108750	6.3	3
116	Effects of spermine on the proliferation and migration of porcine intestinal epithelial cells. *Animal Biotechnology*, **2021**, 1-8	1.4	
115	Effect of calcium-sensing receptor on the migration and proliferation of porcine intestinal epithelial cells. *Animal Biotechnology*, **2021**, 1-10	1.4	
114	Naringin induces skeletal muscle fiber type transformation via AMPK/PGC-1α signaling pathway in mice and C2C12 myotubes. *Nutrition Research*, **2021**, 92, 99-108	4	3
113	Effect of zinc supplementation on growth performance, intestinal development, and intestinal barrier function in Pekin ducks with lipopolysaccharide challenge. *Poultry Science*, **2021**, 100, 101462	3.9	0
112	Effect of dietary leucine supplementation on skeletal muscle fiber type transformation in weaning piglets. *Animal Biotechnology*, **2021**, 1-9	1.4	
111	Effects of dietary lycopene supplementation on intestinal morphology, antioxidant capability and inflammatory response in finishing pigs. *Animal Biotechnology*, **2021**, 1-8	1.4	3

110	Effect of dietary dihydromyricetin supplementation on lipid metabolism, antioxidant capacity and skeletal muscle fiber type transformation in mice. *Animal Biotechnology*, **2021**, 1-8	1.4	1
109	Dietary Ferulic Acid Supplementation Improves Antioxidant Capacity and Lipid Metabolism in Weaned Piglets. *Nutrients*, **2020**, 12,	6.7	9
108	Digestive abilities, amino acid transporter expression, and metabolism in the intestines of piglets fed with spermine. *Journal of Food Biochemistry*, **2020**, 44, e13167	3.3	1
107	Effects of Drinking Water Temperature and Flow Rate during Cold Season on Growth Performance, Nutrient Digestibility and Cecum Microflora of Weaned Piglets. *Animals*, **2020**, 10,	3.1	1
106	Grape seed proanthocyanidin extract promotes skeletal muscle fiber type transformation via AMPK signaling pathway. *Journal of Nutritional Biochemistry*, **2020**, 84, 108462	6.3	14
105	Procyanidin B2 Promotes Skeletal Slow-Twitch Myofiber Gene Expression through the AMPK Signaling Pathway in C2C12 Myotubes. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 1306-1314	5.7	14
104	Effects of dietary resveratrol supplementation on growth performance and muscle fiber type transformation in weaned piglets. *Animal Feed Science and Technology*, **2020**, 265, 114499	3	7
103	Modeling net energy requirements of 2 to 3-week-old Cherry Valley ducks. *Asian-Australasian Journal of Animal Sciences*, **2020**, 33, 1624-1632	2.4	1
102	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. *International Journal of Remote Sensing*, **2020**, 41, 3175-3196	3.1	9
101	Resveratrol regulates muscle fiber type conversion via miR-22-3p and AMPK/SIRT1/PGC-1□ pathway. *Journal of Nutritional Biochemistry*, **2020**, 77, 108297	6.3	24
100	Arginine promotes porcine type I muscle fibres formation through improvement of mitochondrial biogenesis. *British Journal of Nutrition*, **2020**, 123, 499-507	3.6	5
99	Regulation of skeletal myogenesis by microRNAs. *Journal of Cellular Physiology*, **2020**, 235, 87-104	7	17
98	The Hepatoprotective Effects of Zinc Glycine on Liver Injury in Meat Duck Through Alleviating Hepatic Lipid Deposition and Inflammation. *Biological Trace Element Research*, **2020**, 195, 569-578	4.5	3
97	Effects of putrescine on gene expression in relation to physical barriers and antioxidant capacity in organs of weaning piglets.. *RSC Advances*, **2019**, 9, 19584-19595	3.7	3
96	Putrescine enhances intestinal immune function and regulates intestinal bacteria in weaning piglets. *Food and Function*, **2019**, 10, 4134-4142	6.1	8
95	Effects of spermine on liver barrier function, amino acid transporters, immune status, and apoptosis in piglets.. *RSC Advances*, **2019**, 9, 11054-11062	3.7	1
94	Arginine induces skeletal muscle fiber type conversion by upregulating Akirin2 and AMPK/PGC-1□ in mice. *Biologia (Poland)*, **2019**, 74, 709-715	1.5	2
93	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. *British Journal of Nutrition*, **2019**, 122, 1081-1090	3.6	12

92	An effect of dietary phloretin supplementation on feed intake in mice. *Food and Function*, **2019**, 10, 5752-5758	3.1	2
91	Effects of dietary leucine on antioxidant activity and expression of antioxidant and mitochondrial-related genes in longissimus dorsi muscle and liver of piglets. *Animal Science Journal*, **2019**, 90, 990-998	1.8	14
90	Dietary apple polyphenols supplementation enhances antioxidant capacity and improves lipid metabolism in weaned piglets. *Journal of Animal Physiology and Animal Nutrition*, **2019**, 103, 1512-1520	2.6	7
89	Ferulic acid regulates muscle fiber type formation through the Sirt1/AMPK signaling pathway. *Food and Function*, **2019**, 10, 259-265	6.1	21
88	Effects of Dietary Apple Polyphenols Supplementation on Hepatic Fat Deposition and Antioxidant Capacity in Finishing Pigs. *Animals*, **2019**, 9,	3.1	8
87	Effects of dietary apple polyphenol supplementation on carcass traits, meat quality, muscle amino acid and fatty acid composition in finishing pigs. *Food and Function*, **2019**, 10, 7426-7434	6.1	19
86	Effect of Iron Supplementation on Growth Performance, Hematological Parameters, Nutrient Utilization, Organ Development, and Fe-Containing Enzyme Activity in Pekin Ducks. *Biological Trace Element Research*, **2019**, 189, 538-547	4.5	0
85	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. *British Journal of Nutrition*, **2019**, 121, 1-8	3.6	20
84	Changes in the wetland vegetation growth patterns in large lakes on the Yangtze Plain. *International Journal of Remote Sensing*, **2019**, 40, 4290-4301	3.1	3
83	Effects of Dietary Zinc on Carcass Traits, Meat Quality, Antioxidant Status, and Tissue Zinc Accumulation of Pekin Ducks. *Biological Trace Element Research*, **2019**, 190, 187-196	4.5	11
82	Effects of saccharicterpenin on antioxidant status and urinary metabolic profile of rats. *Animal Nutrition*, **2019**, 5, 191-195	4.8	1
81	Leucine regulates slow-twitch muscle fibers expression and mitochondrial function by Sirt1/AMPK signaling in porcine skeletal muscle satellite cells. *Animal Science Journal*, **2019**, 90, 255-263	1.8	15
80	Effects of active immunization against porcine Sox6 on meat quality and myosin heavy chain isoform expression in growing-finishing pigs. *Animal Biotechnology*, **2019**, 30, 260-266	1.4	
79	Effects of Active Immunization Against Akirin2 on Muscle Fiber-type Composition in Pigs. *Animal Biotechnology*, **2019**, 30, 1-6	1.4	5
78	Arginine Promotes Slow Myosin Heavy Chain Expression via Akirin2 and the AMP-Activated Protein Kinase Signaling Pathway in Porcine Skeletal Muscle Satellite Cells. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 4734-4740	5.7	12
77	Selenium Pretreatment Alleviated LPS-Induced Immunological Stress Via Upregulation of Several Selenoprotein Encoding Genes in Murine RAW264.7 Cells. *Biological Trace Element Research*, **2018**, 186, 505-513	4.5	8
76	MicroRNA-139-5p suppresses myosin heavy chain I and IIa expression via inhibition of the calcineurin/NFAT signaling pathway. *Biochemical and Biophysical Research Communications*, **2018**, 500, 930-936	3.4	17
75	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. *Animal Nutrition*, **2018**, 4, 322-328	4.8	8

74	Leucine promotes differentiation of porcine myoblasts through the protein kinase B (Akt)/Forkhead box O1 signalling pathway. *British Journal of Nutrition*, **2018**, 119, 727-733	3.6	6
73	Molecular cloning and biochemical characterization of two novel oligo-1,6-glucosidases from Bacillus mycoides and Thermomyces lanuginosus. *Starch/Staerke*, **2018**, 70, 1700093	2.3	1
72	Dietary Sodium Butyrate Supplementation Promotes Oxidative Fiber Formation in Mice. *Animal Biotechnology*, **2018**, 29, 212-215	1.4	4
71	Effect of Zinc Supplementation on Growth Performance, Intestinal Development, and Intestinal Barrier-Related Gene Expression in Pekin Ducks. *Biological Trace Element Research*, **2018**, 183, 351-360	4.5	13
70	Damage to the myogenic differentiation of C2C12 cells by heat stress is associated with up-regulation of several selenoproteins. *Scientific Reports*, **2018**, 8, 10601	4.9	17
69	Calcium-sensing receptor in nutrient sensing: an insight into the modulation of intestinal homoeostasis. *British Journal of Nutrition*, **2018**, 120, 881-890	3.6	13
68	Deferoxamine suppresses esophageal squamous cell carcinoma cell growth via ERK1/2 mediated mitochondrial dysfunction. *Cancer Letters*, **2018**, 432, 132-143	9.9	22
67	Exploring the Metabolomic Responses of to Temperature Stress by Gas Chromatography/Mass Spectrometry. *Journal of Microbiology and Biotechnology*, **2018**, 28, 473-481	3.3	1
66	Effects of dietary spermine supplementation on cell cycle, apoptosis, and amino acid transporters of the thymus and spleen in piglets. *Asian-Australasian Journal of Animal Sciences*, **2018**, 31, 1325-1335	2.4	3
65	Effects of MicroRNA-27a on Myogenin Expression and Akt/FoxO1 Signal Pathway during Porcine Myoblast Differentiation. *Animal Biotechnology*, **2018**, 29, 183-189	1.4	3
64	Overexpression of the Bacillus licheniformis GroES enhances thermotolerance of Bacillus subtilis WB600. *Biotechnology and Biotechnological Equipment*, **2018**, 32, 1527-1532	1.6	1
63	MicroRNA-499-5p regulates skeletal myofiber specification via NFATc1/MEF2C pathway and Thrap1/MEF2C axis. *Life Sciences*, **2018**, 215, 236-245	6.8	22
62	Arginine promotes skeletal muscle fiber type transformation from fast-twitch to slow-twitch via Sirt1/AMPK pathway. *Journal of Nutritional Biochemistry*, **2018**, 61, 155-162	6.3	37
61	Supranutritional dietary selenium depressed expression of selenoprotein genes in three immune organs of broilers. *Animal Science Journal*, **2017**, 88, 331-338	1.8	9
60	New insights into the role of spermine in enhancing the antioxidant capacity of rat spleen and liver under oxidative stress. *Animal Nutrition*, **2017**, 3, 85-90	4.8	17
59	The effect of arginine on the Wnt/β-catenin signaling pathway during porcine intramuscular preadipocyte differentiation. *Food and Function*, **2017**, 8, 381-386	6.1	4
58	FTO Promotes Adipogenesis through Inhibition of the Wnt/β-catenin Signaling Pathway in Porcine Intramuscular Preadipocytes. *Animal Biotechnology*, **2017**, 28, 268-274	1.4	16
57	New insights into the role of dietary spermine on inflammation, immune function and related-signalling molecules in the thymus and spleen of piglets. *Archives of Animal Nutrition*, **2017**, 71, 175-191	2.7	11

56	Akirin2 regulates proliferation and differentiation of porcine skeletal muscle satellite cells via ERK1/2 and NFATc1 signaling pathways. *Scientific Reports*, **2017**, 7, 45156	4.9	17
55	FoxO1: a novel insight into its molecular mechanisms in the regulation of skeletal muscle differentiation and fiber type specification. *Oncotarget*, **2017**, 8, 10662-10674	3.3	46
54	Effects of dietary fiber on the antioxidant capacity, immune status, and antioxidant-relative signaling molecular gene expression in rat organs. *RSC Advances*, **2017**, 7, 19611-19620	3.7	14
53	Effects of fatty acid transport protein 1 on proliferation and differentiation of porcine intramuscular preadipocytes. *Animal Science Journal*, **2017**, 88, 731-738	1.8	4
52	Pancreatic atrophy caused by dietary selenium deficiency induces hypoinsulinemic hyperglycemia via global down-regulation of selenoprotein encoding genes in broilers. *PLoS ONE*, **2017**, 12, e0182079	3.7	27
51	Akirin2 promotes slow myosin heavy chain expression by CaN/NFATc1 signaling in porcine skeletal muscle satellite cells. *Oncotarget*, **2017**, 8, 25158-25166	3.3	5
50	Role of Phosphotyrosine Interaction Domain Containing 1 in Porcine Intramuscular Preadipocyte Proliferation and Differentiation. *Animal Biotechnology*, **2016**, 27, 287-94	1.4	6
49	Supranutritional dietary selenium induced hyperinsulinemia and dyslipidemia via affected expression of selenoprotein genes and insulin signal-related genes in broiler. *RSC Advances*, **2016**, 6, 84990-84998	3.7	16
48	Expression of Selenoprotein Genes Is Affected by Heat Stress in IPEC-J2 Cells. *Biological Trace Element Research*, **2016**, 172, 354-360	4.5	14
47	Spermine: new insights into the intestinal development and serum antioxidant status of suckling piglets. *RSC Advances*, **2016**, 6, 31323-31335	3.7	27
46	Selenoprotein X Gene Knockdown Aggravated H2O2-Induced Apoptosis in Liver LO2 Cells. *Biological Trace Element Research*, **2016**, 173, 71-8	4.5	13
45	Changes in the metabolome of rats after exposure to arginine and N-carbamylglutamate in combination with diquat, a compound that causes oxidative stress, assessed by 1H NMR spectroscopy. *Food and Function*, **2016**, 7, 964-74	6.1	25
44	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. *Asian-Australasian Journal of Animal Sciences*, **2016**, 29, 731-8	2.4	19
43	Arginine: New Insights into Growth Performance and Urinary Metabolomic Profiles of Rats. *Molecules*, **2016**, 21,	4.8	6
42	Urinary Metabolomic Approach Provides New Insights into Distinct Metabolic Profiles of Glutamine and N-Carbamylglutamate Supplementation in Rats. *Nutrients*, **2016**, 8,	6.7	7
41	Tissue Distribution of Porcine FTO and Its Effect on Porcine Intramuscular Preadipocytes Proliferation and Differentiation. *PLoS ONE*, **2016**, 11, e0151056	3.7	14
40	Role of FIT2 in porcine intramuscular preadipocyte differentiation. *Biologia (Poland)*, **2016**, 71, 1404-1409	1.5	0
39	Arginine, -carbamylglutamate, and glutamine exert protective effects against oxidative stress in rat intestine. *Animal Nutrition*, **2016**, 2, 242-248	4.8	26

38	Effects of spermine supplementation on the morphology, digestive enzyme activities, and antioxidant capacity of intestine in weaning rats. *Animal Nutrition*, **2016**, 2, 370-375	4.8	11
37	Codon optimization of Aspergillus niger feruloyl esterase and its expression in Pichia pastoris. *Biologia (Poland)*, **2016**, 71, 626-631	1.5	1
36	Effects of glutamine against oxidative stress in the metabolome of rats□ew insight. *RSC Advances* , **2016**, 6, 74515-74524	3.7	5
35	Enhancing the expression of Aspergillus niger □mannanase in Pichia pastoris by coexpression of protein disulfide isomerase. *Turkish Journal of Biology*, **2015**, 39, 312-319	3.1	4
34	Construction and expression of two-copy engineered yeast of feruloyl esterase. *Electronic Journal of Biotechnology*, **2015**, 18, 338-342	3.1	4
33	Characterization of bioactive recombinant antimicrobial peptide parasin I fused with human lysozyme expressed in the yeast Pichia pastoris system. *Enzyme and Microbial Technology*, **2015**, 77, 61-7	3.8	6
32	Effect of porcine Akirin2 on skeletal myosin heavy chain isoform expression. *International Journal of Molecular Sciences*, **2015**, 16, 3996-4006	6.3	10
31	Prokaryotic expression and characterization of a keratinolytic protease from Aspergillus niger. *Biologia (Poland)*, **2015**, 70, 157-164	1.5	2
30	Effects of spermine on the morphology, digestive enzyme activities, and antioxidant status of jejunum in suckling rats. *RSC Advances*, **2015**, 5, 76607-76614	3.7	37
29	Influence of the Three Gorges Project on the Water Resource Components of Poyang Lake Watershed: Observations from TRMM and GRACE. *Advances in Meteorology*, **2015**, 2015, 1-7	1.7	6
28	Nutrimetabolomic analysis provides new insights into spermine-induced ileum-system alterations for suckling rats. *RSC Advances*, **2015**, 5, 48769-48778	3.7	18
27	Remote-sensing monitoring for spatio-temporal dynamics of sand dredging activities at Poyang Lake in China. *International Journal of Remote Sensing*, **2014**, 35, 6004-6022	3.1	24
26	STEAP4 and insulin resistance. *Endocrine*, **2014**, 47, 372-9	4	8
25	Numerical simulation-aided MODIS capture of sediment transport for the Bohai Sea in China. *International Journal of Remote Sensing*, **2014**, 35, 4225-4238	3.1	8
24	Metabolomic strategy for the detection of metabolic effects of spermine supplementation in weaned rats. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 9035-42	5.7	17
23	Partial optimization of the 5-terminal codon increased a recombination porcine pancreatic lipase (opPPL) expression in Pichia pastoris. *PLoS ONE*, **2014**, 9, e114385	3.7	6
22	Geomatics-based water capacity monitoring for Quake Lake and its web service implementation. *Desalination and Water Treatment*, **2014**, 52, 2700-2708		1
21	Expression and purification of porcine Akirin2 in Escherichia coli. *Turkish Journal of Biology*, **2014**, 38, 339-345	3.1	14

20	Role of microRNA-27a in myoblast differentiation. *Cell Biology International*, **2014**, 38, 266-71	4.5	18
19	Systemic responses of weaned rats to spermine against oxidative stress revealed by a metabolomic strategy. *RSC Advances*, **2014**, 4, 56766-56778	3.7	17
18	Pea fiber and wheat bran fiber show distinct metabolic profiles in rats as investigated by a 1H NMR-based metabolomic approach. *PLoS ONE*, **2014**, 9, e115561	3.7	18
17	Porcine phosphotyrosine interaction domain containing 1 modulates 3T3-L1 preadipocyte proliferation and differentiation. *Biologia (Poland)*, **2013**, 68, 1010-1014	1.5	7
16	Role of akirin in skeletal myogenesis. *International Journal of Molecular Sciences*, **2013**, 14, 3817-23	6.3	19
15	Automatic intercalibration of night-time light imagery using robust regression. *Remote Sensing Letters*, **2013**, 4, 45-54	2.3	61
14	MicroRNA-27a is induced by leucine and contributes to leucine-induced proliferation promotion in C2C12 cells. *International Journal of Molecular Sciences*, **2013**, 14, 14076-84	6.3	24
13	MicroRNA-27a promotes myoblast proliferation by targeting myostatin. *Biochemical and Biophysical Research Communications*, **2012**, 423, 265-9	3.4	85
12	Molecular cloning, tissue distribution, and functional analysis of porcine Akirin2. *Animal Biotechnology*, **2012**, 23, 124-31	1.4	17
11	Human induced turbidity changes in Poyang Lake between 2000 and 2010: Observations from MODIS. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		90
10	Role of NYGGF4 in insulin resistance. *Molecular Biology Reports*, **2012**, 39, 5367-71	2.8	7
9	Land-use/-cover change spatial patterns and their impacts on sediment charge in the Longchuan River catchment, south-western China. *International Journal of Remote Sensing*, **2012**, 33, 4527-4552	3.1	4
8	Myostatin: a novel insight into its role in metabolism, signal pathways, and expression regulation. *Cellular Signalling*, **2011**, 23, 1441-6	4.9	98
7	Remote sensing and GIS application in the detection of environmental degradation indicators. *Geo-Spatial Information Science*, **2011**, 14, 39-47	3.5	35
6	Spatial-temporal changes of NDVI and their relations with precipitation and temperature in Yangtze River basin from 1981 to 2001. *Geo-Spatial Information Science*, **2010**, 13, 186-190	3.5	11
5	Overexpression of an optimized Aspergillus sulphureus β-mannanase gene in Pichia pastoris. *Biologia (Poland)*, **2009**, 64, 235-238	1.5	14
4	Prokaryotic expression, purification and characterization of Aspergillus sulphureus beta-mannanase and site-directed mutagenesis of the catalytic residues. *Applied Biochemistry and Biotechnology*, **2008**, 149, 139-44	3.2	12
3	Regulation of myostatin signaling by c-Jun N-terminal kinase in C2C12 cells. *Cellular Signalling*, **2007**, 19, 2286-95	4.9	67

2	Cloning, functional expression and characterization of Aspergillus sulphureus beta-mannanase in Pichia pastoris. *Journal of Biotechnology*, **2007**, 128, 452-61	3.7	112
1	Effect of dietary L-theanine supplementation on skeletal muscle fiber type transformation in weaning piglets. *Animal Biotechnology*,1-9	1.4	0