

# Lei Liu

## List of Publications by Year in descending order

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33  
papers

728  
citations

471509

17  
h-index

552781

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1359  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ER-Associated Degradation Adaptor Protein Sel1L Regulates LPL Secretion and Lipid Metabolism. <i>Cell Metabolism</i> , 2014, 20, 458-470.	16.2	92
2	Higher efficacy of dietary DHA provided as a phospholipid than as a triglyceride for brain DHA accretion in neonatal piglets. <i>Journal of Lipid Research</i> , 2014, 55, 531-539.	4.2	81
3	Palmitic acid (16:0) competes with omega-6 linoleic and omega-3 $\acute{e}$ -linolenic acids for FADS2 mediated $\acute{e}$ 6-desaturation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 91-97.	2.4	61
4	Effects of nonesterified fatty acids on the synthesis and assembly of very low density lipoprotein in bovine hepatocytes in vitro. <i>Journal of Dairy Science</i> , 2014, 97, 1328-1335.	3.4	45
5	Effect of High Dietary Copper on Somatostatin and Growth Hormone-Releasing Hormone Levels in the Hypothalamus of Growing Pigs. <i>Biological Trace Element Research</i> , 2011, 143, 893-900.	3.5	38
6	Perilipin 1 Mediates Lipid Metabolism Homeostasis and Inhibits Inflammatory Cytokine Synthesis in Bovine Adipocytes. <i>Frontiers in Immunology</i> , 2018, 9, 467.	4.8	38
7	High $\acute{e}$ Oleic Ready-to-use Therapeutic Food Maintains Docosahexaenoic Acid Status in Severe Malnutrition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 61, 138-143.	1.8	33
8	BHBA Influences Bovine Hepatic Lipid Metabolism via AMPK Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1070-1079.	2.6	28
9	Development of ELISA for Detection of Mercury Based on Specific Monoclonal Antibodies Against Mercury-Chelate. <i>Biological Trace Element Research</i> , 2011, 144, 854-864.	3.5	26
10	Effects of Strontium on Collagen Content and Expression of Related Genes in Rat Chondrocytes Cultured In Vitro. <i>Biological Trace Element Research</i> , 2013, 153, 212-219.	3.5	26
11	SREBP-1c Gene Silencing can Decrease Lipid Deposits in Bovine Hepatocytes Cultured <i>in Vitro</i> . <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1568-1578.	1.6	26
12	Balancing omega-6 and omega-3 fatty acids in ready-to-use therapeutic foods (RUTF). <i>BMC Medicine</i> , 2015, 13, 117.	5.5	24
13	High levels of acetoacetate and glucose increase expression of cytokines in bovine hepatocytes, through activation of the NF- $\acute{e}$ B signalling pathway. <i>Journal of Dairy Research</i> , 2016, 83, 51-57.	1.4	22
14	Modulation of hepatic sterol regulatory element-binding protein-1c-mediated gene expression contributes to <i>Salacia oblonga</i> root-elicited improvement of fructose-induced fatty liver in rats. <i>Journal of Ethnopharmacology</i> , 2013, 150, 1045-1052.	4.1	21
15	Effects of Copper on Proliferation and Autocrine Secretion of Insulin-Like Growth Factor-1 (IGF-1) and IGF-Binding Protein-3 (IGFBP-3) in Chondrocytes from Newborn Pigs In Vitro. <i>Biological Trace Element Research</i> , 2011, 144, 588-596.	3.5	20
16	Human fetal intestinal epithelial cells metabolize and incorporate branched chain fatty acids in a structure specific manner. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 116, 32-39.	2.2	20
17	Preparation and Identification of Monoclonal Antibody against Abrin-a. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9796-9799.	5.2	18
18	Proteomic profiling of the midgut contents of <i>Haemaphysalis flava</i> . <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 490-495.	2.7	14

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19	Cloning and expression pattern of a heat shock cognate protein 70 gene in ticks ( <i>Haemaphysalis flava</i> ). <i>Parasitology Research</i> , 2017, 116, 1695-1703.	1.6	12
20	Sirtuin 3 improves fatty acid metabolism in response to high nonesterified fatty acids in calf hepatocytes by modulating gene expression. <i>Journal of Dairy Science</i> , 2020, 103, 6557-6568.	3.4	11
21	Effect of Copper on the Expression of TGF- $\beta$ 2 in Incubated Chondrocytes of Newborn Pigs. <i>Biological Trace Element Research</i> , 2011, 143, 1461-1469.	3.5	8
22	HSC70 from <i>Haemaphysalis flava</i> (Acari: Ixodidae) exerts anticoagulation activity in vitro. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 170-175.	2.7	8
23	Proteomics analysis of faecal proteins in the tick <i>Haemaphysalis flava</i> . <i>Parasites and Vectors</i> , 2018, 11, 89.	2.5	7
24	Sirtuin 3 inhibits nuclear factor- $\kappa$ B signaling activated by a fatty acid challenge in bovine mammary epithelial cells. <i>Journal of Dairy Science</i> , 2021, 104, 12871-12880.	3.4	7
25	Branched chain fatty acids concentrate prepared from butter oil via urea adduction. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 669-674.	1.5	6
26	Hepatic Sirt3 expression declines postpartum in dairy goats. <i>Journal of Dairy Research</i> , 2018, 85, 163-166.	1.4	6
27	Protein profiling of hemolymph in <i>Haemaphysalis flava</i> ticks. <i>Parasites and Vectors</i> , 2022, 15, .	2.5	6
28	Concentrations of Sodium, Potassium, Magnesium, and Iron in the Serum of Dairy Cows with Subclinical Ketosis. <i>Biological Trace Element Research</i> , 2011, 144, 525-528.	3.5	5
29	Expression pattern of subA in different tissues and blood-feeding status in <i>Haemaphysalis flava</i> . <i>Experimental and Applied Acarology</i> , 2016, 70, 511-522.	1.6	5
30	Effects of insulin-like growth factor-1 on the assembly and secretion of very low-density lipoproteins in cow hepatocytes in vitro. <i>General and Comparative Endocrinology</i> , 2016, 226, 82-87.	1.8	5
31	Cloning, expression, and function of ferritins in the tick <i>Haemaphysalis flava</i> . <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101892.	2.7	5
32	Characterization of AV422 from <i>Haemaphysalis flava</i> ticks in vitro. <i>Experimental and Applied Acarology</i> , 2021, 84, 809-823.	1.6	3
33	Sirtuin 3 Restores Synthesis and Secretion of Very Low-Density Lipoproteins in Cow Hepatocytes Challenged with Nonesterified Fatty Acids In Vitro. <i>Veterinary Sciences</i> , 2021, 8, 121.	1.7	1