

# Xiang-hua Yan

## List of Publications by Year in descending order

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32  
papers

5,720  
citations

623734

14  
h-index

414414

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

14662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in droplet microfluidics for microbiology. Chinese Chemical Letters, 2022, 33, 1729-1742.	9.0	15
2	KAT7-mediated CANX (calnexin) crotonylation regulates leucine-stimulated MTORC1 activity. Autophagy, 2022, 18, 2799-2816.	9.1	5
3	Multi-omics analysis reveals gut microbiota-induced intramuscular fat deposition via regulating expression of lipogenesis-associated genes. Animal Nutrition, 2022, 9, 84-99.	5.1	14
4	Integrated analysis of multi-tissues lipidome and gut microbiome reveals microbiota-induced shifts on lipid metabolism in pigs. Animal Nutrition, 2022, 10, 280-293.	5.1	10
5	Dietary $\hat{\mu}$ -Polylysine Affects on Gut Microbiota and Plasma Metabolites Profiling in Mice. Frontiers in Nutrition, 2022, 9, 842686.	3.7	5
6	Mechanisms of Selective Autophagy. Advances in Experimental Medicine and Biology, 2021, 1208, 79-98.	1.6	2
7	Gut microbiota contributes to the development of endometrial glands in gilts during the ovary-dependent period. Journal of Animal Science and Biotechnology, 2021, 12, 57.	5.3	5
8	PFKP facilitates ATG4B phosphorylation during amino acid deprivation-induced autophagy. Cellular Signalling, 2021, 82, 109956.	3.6	7
9	Dietary Supplementation of $\hat{\mu}$ -Polylysine Beneficially Affects Ileal Microbiota Structure and Function in Ningxiang Pigs. Frontiers in Microbiology, 2020, 11, 544097.	3.5	11
10	Biomedical Application of Functional Materials in Organ-on-a-Chip. Frontiers in Bioengineering and Biotechnology, 2020, 8, 823.	4.1	40
11	Sensors for the mTORC1 pathway regulated by amino acids. Journal of Zhejiang University: Science B, 2019, 20, 699-712.	2.8	17
12	<i>Lactobacillus frumenti</i> improves antioxidant capacity via nitric oxide synthase 1 in intestinal epithelial cells. FASEB Journal, 2019, 33, 10705-10716.	0.5	17
13	Hen protein-derived peptides as the blockers of human bitter taste receptors T2R4, T2R7 and T2R14. Food Chemistry, 2019, 283, 621-627.	8.2	39
14	Lactobacillus frumenti mediates energy production via fatty acid $\hat{2}$ -oxidation in the liver of early-weaned piglets. Journal of Animal Science and Biotechnology, 2019, 10, 95.	5.3	3
15	Lactobacillus gasseri LA39 Activates the Oxidative Phosphorylation Pathway in Porcine Intestinal Epithelial Cells. Frontiers in Microbiology, 2018, 9, 3025.	3.5	12
16	A Microbiota-Derived Bacteriocin Targets the Host to Confer Diarrhea Resistance in Early-Weaned Piglets. Cell Host and Microbe, 2018, 24, 817-832.e8.	11.0	184
17	Lactobacillus frumenti Facilitates Intestinal Epithelial Barrier Function Maintenance in Early-Weaned Piglets. Frontiers in Microbiology, 2018, 9, 897.	3.5	60
18	Standardized Preparation for Fecal Microbiota Transplantation in Pigs. Frontiers in Microbiology, 2018, 9, 1328.	3.5	42

#	ARTICLE	IF	CITATIONS
19	The Fatty Acid $\beta$ -Oxidation Pathway is Activated by Leucine Deprivation in HepG2 Cells: A Comparative Proteomics Study. <i>Scientific Reports</i> , 2017, 7, 1914.	3.3	14
20	Leucine reduces reactive oxygen species levels via an energy metabolism switch by activation of the mTOR-HIF-1 $\alpha$ pathway in porcine intestinal epithelial cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 89, 42-56.	2.8	45
21	Gradual Changes of Gut Microbiota in Weaned Miniature Piglets. <i>Frontiers in Microbiology</i> , 2016, 7, 1727.	3.5	164
22	Proteomic profiling reveals oxidative phosphorylation pathway is suppressed in longissimus dorsi muscle of weaned piglets fed low-protein diet supplemented with limiting amino acids. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 288-297.	2.8	11
23	Comparative Proteomics Analysis Reveals L-Arginine Activates Ethanol Degradation Pathways in HepG2 Cells. <i>Scientific Reports</i> , 2016, 6, 23340.	3.3	15
24	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
25	Quantitative proteomics analysis reveals glutamine deprivation activates fatty acid $\beta$ -oxidation pathway in HepG2 cells. <i>Amino Acids</i> , 2016, 48, 1297-1307.	2.7	11
26	Cross-talk between bile acids and intestinal microbiota in host metabolism and health. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 436-446.	2.8	91
27	Ribosomal proteomics: Strategies, approaches, and perspectives. <i>Biochimie</i> , 2015, 113, 69-77.	2.6	6
28	Molecular nutrition: basic understanding of the digestion, absorption, and metabolism of nutrients. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 413-416.	2.8	4
29	The Role of Autophagy in the Gut Pathogens Clearance and Evasion. <i>Current Protein and Peptide Science</i> , 2015, 16, 632-645.	1.4	3
30	Reconstitution of leucine-mediated autophagy via the mTORC1-Barkor pathway in vitro. <i>Autophagy</i> , 2012, 8, 213-221.	9.1	20
31	MiR-20a and miR-106b negatively regulate autophagy induced by leucine deprivation via suppression of ULK1 expression in C2C12 myoblasts. <i>Cellular Signalling</i> , 2012, 24, 2179-2186.	3.6	126
32	The mammalian target of rapamycin pathway and its role in molecular nutrition regulation. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 393-399.	3.3	21