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印遇龙，男，博士，博士生导师，国家二级研究员，南昌大学“赣江学者”特聘教授。曾于1985-1987，1994-1999分别在德国国家农科院动物营养所，英国女皇大学，加拿大Guelph大学学习和工作，获英国女皇大学哲学博士学位。现任中国科学院亚热带农业生态研究所畜牧健康养殖中心主任，湖南省十届政协常委和中共党代表、海外联谊会常务理事、九三学社省委委员、动物营养学国家重点实验室、生物饲料安全与污染防控国家工程实验室学术委员会委员。先后获全国五一劳动奖章、九三学社全国优秀社员、中科院创新文化先进奖和优秀共产党员等殊荣。长期从事“猪氨基酸营养代谢与调控”研究，发表论文361篇，其中SCI论文133篇（影响因子超过3.0的60多篇），论文被引3925次，其中他引2914次，是国际上动物营养与饲料领域论文他引频率最高的作者之一（Canada Council of Academy 2011年年度论文分析报告）。其成果先后获得中国科学院青年科学家奖和国家科技进步奖4项，并先后入选中国科学院（2005）和国家自然科学基金委（2010）创新案例标志性成果”。

目前主要借助免疫学、分子生物学和生物技术，与加拿大圭尔夫大学、加拿大农业部食品营养研究中心、德国基因桥股份公司、美国德克萨斯大学、奥本大学以及国内大学、研究机构与公司合作研究氨基酸和碳水化合物营养代谢及调控机理和研发功能食品与饲料。

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承担科研项目

- 1.基因工程生产富乳铁蛋白素的功能饲料及食品，国家863项目
- 2.动物重要氨基酸吸收转运的分子机制与营养调控机理，中国科学院知识创新重要方向项目
- 3.小型猪蛋白质氨基酸营养代谢机理研究，国家自然科学基金面上项目
- 4.仔猪肠道健康及功能性饲料研究与应用，
- 5.家养动物营养组学研究体系的建立与应用，企业和自选项目
- 6.功能性氨基酸和碳水化合物的研发，企业和自选项目

代表论著

PUBLICATIONS (total 304 papers)

1 Fu J, Wenzel SC, Perlovan O, Wang JP, Gross F, Tang ZR, Yin YL, Stewart AF, Muller R and Zhang YM, Efficient transfer of two large secondary metabolite pathway gene clusters into heterologous hosts by transposition. *Nucleic Acids Research* 36: 113-114 (2008).

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3 Yao K, Yin YL, Chu WY, Liu ZQ, Dun D, Li TJ, Huang RL, Zhang JS, Tan Bie, Wang WC and Wu GY, Dietary Arginine Supplementation Increases mTOR Signaling Activity in Skeletal Muscle of Neonatal Pigs. *J Nutr* 138: 867-872 (2008).

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- 10 Kong X.F, Yin YL, He QH, Yin FG, Liu HJ, Li TJ, Huang RL, Geng MM, Ruan Z, Deng ZY, Xie MY and Wu G, Dietary supplementation with Chinese herbal powder enhances ileal digestibilities and serum concentrations of amino acids in young pigs. *Amino Acids* 37:573-582 (2008) .
- 11 Yin YL, Li TJ and Huang RL, Evaluating standardized ileal digestibility of amino acids in growing pigs. *Anim feed Science and Technology* 140:385-401 (2008).
- 12 Yin YL, Huang CH, Wu X, Li TJ, Huang RL, Kang P, Hu Q, Chu WY and Kong XF, Nutrient digestibility response to graded dietary levels of sodium chloride in weanling pigs. *Journal of the Science of Food and Agriculture* 88:940-944 (2008).
- 13 Li TJ, Dai QZ, Yin YL, Zhang J, Huang RL, Ruan Z, Deng Z and Xie M, Dietary starch sources affect net portal appearance of amino acids and glucose in growing pigs. *Animal* 2:723-729 (2008).
- 14 Liu YL, Lu J, Shi JX, Hou YQ, Zhu HL, Zhao SJ, Liu HM, Ding BY, Yin YL and Yi GF, Increased expression of the peroxisome proliferator-activated receptor α in the immune system of weaned pigs after *Escherichia coli* lipopolysaccharide injection. *Veterinary Immunology and Immunopathology* 124:82-92 (2008).
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- 19 Geng MM, Li TJ, Kong XF, Song XY, Chu WY, Huang RL, Yin YL, Wu GY, Reduced expression of intestinal N-acetylglutamate synthase in suckling piglets: a novel molecular mechanism for arginine as a nutritionally essential amino acid for neonates. *Amino Acids*. 40 : 1513- 1522 (2011).
20. Kang Yao, Lei Wang, Binying Ding, Dabo Fu, Yulan Liu, Huiling Zhu, Jian Liu, Yongtang Li, Ping Kang, Yu-long Yin, Guoyao Wu, Yongqing Hou, Effects of alfa-ketoglutarate on energy status in the intestinal mucosa of weaned piglets chronically challenged with lipopolysaccharide. *British Journal of Nutrition* 2010-015557R (2010).
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