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PROFILE

Associate Professor
Director-in-Charge of Poultry Science
Journal (PSJ)
Poultry Nutritionist

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HOBBIES

Broiler, Layer and Breeder Nutrition
and Management
Feed Additives
Meat and Egg Quality

EDUCATION

University of Natural Resources and Life Sciences, Vienna
1990 – 1993, Ph.D. Poultry Nutrition

University of Natural Resources and Life Sciences, Vienna
1981 – 1990, MSC Animal and Poultry Nutrition

WORK EXPERIENCE

Gorgan University of Agricultural Sciences and Natural Resources
Faculty Member, 1997–2023

ACADEMIC TEACHING EXPERIENCE

- New Topics in Poultry Nutrition
- Advance Poultry Nutrition
- Poultry Feed Additive and Anti-Nutritional Compounds
- Livestock and Poultry Health and Diseases

PUBLICATION

- Mozhgan Salmanian, Mahmoud Shams Shargh, Ahad Yamchi and Mohammad Hossein Mohammadi Qasem Abadi. 2023. Effect of Grain Type and Phytase Enzyme on Growth Performance, Cecum Microbial Population, Carcass and Bone Characteristics of Broiler Chickens. *Research on Animal Production*, 13(38): 8-18.
- Om-hani Tahmasbi, Mahmoud Shams shargh and Reza Mirshekar. 2021. The effects of using oxidized and refined oils with various mineral adsorbents on growth performance and blood biochemical parameters of broiler chickens. *Animal Science Journal (Pajouhesh& Sazandegi)*, 134: 131-144.
- Reza Mirshekar, Behrouz Dastar, Mahmoud Shams Shargh. 2021. Supplementing flaxseed oil for long periods improved carcass quality and breast fatty acid profile in Japanese quail. *Animal*, 15 (2): 100-104.
- Fatemeh Abbasia, Firooz Samadia, Seid Mahdi Jafarib, Sanaz Ramezanpourc, Mahmoud Shams Shargh. 2019. Ultrasound-assisted preparation of flaxseed oil nanoemulsions coated with alginate-whey protein for targeted delivery of omega-3 fatty acids into the lower sections of gastrointestinal tract to enrich broiler meat. *Ultrasonics – Sonochemistry*. 50: 208–217.
- Ashayerizadeha, A., Dastara B., Shams Shargh, M., Mahoonak, A. and Zerehdaran. S. 2018. Effects of feeding fermented rapeseed meal on growth performance, gastrointestinal microflora population, blood metabolites, meat quality, and lipid metabolism in broiler chickens. *Livestock Science*. 216: 183–190.
- F. Kazempoura, F., Shams Shargha, M., Jahanianb, R. and Hassani. S. 2017. Effect of dietary β -glucan supplementation on growth performance, carcass characteristics and gut morphology in broiler chicks fed diets containing different threonine levels. *Animal Feed Science and Technology*. 234.186–194.
- Falaki M, Shams Shargh M, Dastar B, Hashemi SR and Sadeghi Mahoonak AR. 2016. Growth Performance, Carcass Characteristics and Intestinal Microflora of Broiler Chickens Fed Diets Containing Carum copticum Essential Oil. *Poultry Science Journal*. 4 (1): 37-46
- Shams Shargh, M., Dastar, B., Zerehdaran, S., Khomeiri, M., and Moradi, A. 2011. Effects of using plant extracts and a probiotic on performance, intestinal morphology, and microflora population in broilers. *Journal Applied Poultry Research*. 21: 201–208.
- **Books:**
 - FEED ADDITIVES IN POULTRY NUTRITION. 2011.
 - ANIMAL AND POULTRY FEEDS AND FEEDING. 2013.