

ISSN
Print: 2345-6604
On line: 2345-6566



Gorgan University of Agricultural
Sciences and Natural Resources

Poultry Science Journal



Winter/Spring 2014, Volume 2, Number 1
<http://psj.gau.ac.ir>

POULTRY SCIENCE JOURNAL (PSJ)



Gorgan University of Agricultural
Sciences and Natural Resources
(GUASNR)

Executive Director:

Najafinejad, A., President of GUASNR, Gorgan, Iran

Editor-in-Chief:

Zerehdaran S., GUASNR, Gorgan, Iran

Associate Editor:

Dastar B., GUASNR, Gorgan, Iran

Managing Editor:

Hashemi SR., GUASNR, Gorgan, Iran

Editorial Board Members: *(Alphabetically)*

Dastar B., GUASNR, Iran

Golian A., Ferdowsi University of Mashhad, Iran

Hair-Bejo M., Universiti Putra Malaysia, Malaysia

Iji PA., University of New England, Australia

Khajali F., Shahrekord University, Iran

Loh TC., Universiti Putra Malaysia, Malaysia

Pakdel A., Tehran University, Iran

Rajion MA., Universiti Putra Malaysia, Malaysia

Rezaei M., Sari Agricultural Sciences and Natural Resources University, Iran

Roberts J., University of New England, Australia

Shams Shargh M., GUASNR, Iran

Wideman RF., University of Arkansas, USA

Yalcin S., Ege University, Turkey

Aims and Scope: Poultry Science Journal (PSJ) is an international scientific journal published by Gorgan University of Agricultural Sciences and Natural Resources (GUSNR), Gorgan, Iran. PSJ is an open journal that publishes original papers, research notes, and reviews of basic sciences as applied to poultry. Subjects are included all disciplines engaged in the field of poultry science and researches:

- Genetics and Biotechnology
- Hatchery Management
- Meat and Egg Quality
- Nutrition and Metabolism
- Physiology and Reproduction
- Production and Management

Preference is certainly given to papers from experimental and observational researches at the field, local, regional and global levels. The journal also features rapid publication of short communications.

Papers should be original, unpublished and not being considered for publication elsewhere. Papers based on limited data or of local importance and results from routine experiments will not normally be considered for publication.

Publishing plan: PSJ is published in yearly volumes of two issues on Winter / Spring and Summer / Autumn.

Contact information: Journals Office, Vice-Presidency for Research and Technology, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran. Postal code: 49138-15739.

Website: <http://psj.gau.ac.ir>, Email: psj@gau.ac.ir, Tel/Fax: 0098-171-4440093



Poultry Science Journal 2014, 2 (1): 1-69
ISSN: 2345-6604 (Print), 2345-6566 (Online)
<http://psj@gau.ac.ir>



Table of Contents

- 1-13 The Effect of Dietary Supplementation of Prebiotic and Probiotic on Performance, Humoral Immunity Responses and Egg Hatchability in Broiler Breeders
Hajati H, Hassanabadi A & Teimouri Yansari A
- 15-24 Humoral Immune Response Induced by PLGA Micro Particle Coupled Newcastle Disease Virus Vaccine in Chickens
Sanganagouda K, Naveen AN, Shivaraj M & Dhinakarraj G
- 25-35 Evaluation of Drug Interactions and Prescription Errors of Poultry Veterinarians in North of Iran
Madadi MS, Bojmehrani H & Azari M
- 37-49 Growth Performance, Carcass Characteristics, Antibody Titer and Blood Parameters in Broiler Chickens Fed Dietary Myrtle (*Myrtus communis*) Essential Oil as an Alternative to Antibiotic Growth Promoter
Mahmoodi Bardzardi M, Ghazanfari S, Salehi A & Sharifi SD
- 51-60 Choosing a Commercial Broiler Strain Based on Multicriteria Decision Analysis
Hosseini SA, Meimandipour A, Lotfollahian H & Aghashahi AR
- 61-69 Effect of Different Levels of Germinated Barley on Live Performance and Carcass Traits in Broiler Chickens
Dastar B, Sabet Moghaddam A, Shams Shargh M & Hassani S