ISSN

Print: 2345-6604 Online: 2345-6566



Poultry Science

Journal



Summer / Autumn 2017, Volume 5, Number 2 http://psj.gau.ac.ir



Poultry Science Journal ISSN: 2345-6604 (Print), 2345-6566 (Online) http://psj.gau.ac.ir



Table of Contents

83-90	Age-Specific Response of Broilers to Dietary Inclusion of a High-Tannin Feedstuff <i>Keshavarzi S, Houshmand M & Bahreini Behzadi MR</i>
91-95	Changes in External Egg Traits of Chickens during Pre- and Post-Molting Periods Aziz SR, Shaker AS & Kirkuki SMS
97-104	The Effects of Silymarin on Oxidative Status and Bone Characteristics in Japanese Quail Subjected to Oxidative Stress Induced by Carbon Tetrachloride Moradi F, Samadi F, Dastar B & Samadi S
105-111	The Effects of <i>in ovo</i> Nanocurcumin Administration on Oxidative Stress and Histology of Embryonic Chicken Heart Araghi A, Nazaktabar A, Sayrafi R, Salehi A, Golshahi H, Jahanbakhsh M & Seifi S
113-121	Genetic Analyses of Egg Quality in Khorasan Razavi Native Fowl Using the Bayesian Method Kheirkhah Z, Hassani S, Zerehdaran S, Ahani Azari M, Sekhavati MH & Salehinasab M
123-129	Amoxicillin / Clavulanic Acid and Cefotaxime Resistance in Salmonella Minnesota and Salmonella Heidelberg from Broiler Chickens Rodrigues IBBE, Ferreira KFS, Silva RL, Machado SA, Nascimento ER, Rodrigues DP, Aquino MHC & Pereira VLA
131-143	Zinc Requirements of Japanese Quails (Coturnix coturnix japonica) by Assessing Dose- Evaluating Response of Zinc Oxide Nano-Particle Supplementation Abbasi M, Dastar B, Afzali N, Shams Shargh M & Hashemi SR
145-152	Effects of Coenzyme Q10 and Vitamin C on Growth Performance and Blood Components in Broiler Chickens under Heat Stress Raeisi-Zeydabad S, Mirmahmoudi R, Esmaeilipour O & Mazhari M
153-163	Effects of Irradiated Flaxseed on Performance, Carcass Characteristics, Blood Parameters, and Nutrient Digestibility in Broiler Chickens Beheshti Moghadam MH, Rezaei M, Behgar M & Kermanshahi H
165-171	Effects of Fennel Extract on Egg Production, Antioxidant Status and Bone Attributes of Laying Hens Administered Carbon Tetrachloride Hadavi A, Kermanshahi H, Nassiri Moghaddam H & Golian A

POULTRY SCIENCE JOURNAL (PSJ)



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:

Mirshekar R., GUASNR, Gorgan, Iran

Editorial Board Members: (Alphabetically)

Dastar B., Professor of Poultry Nutrition, GUASNR, Iran

Golian A., Professor of Poultry Nutrition, Ferdowsi University of Mashhad, Iran Hair-Bejo M., Professor of Poultry Pathology, Universiti Putra Malaysia, Malaysia

Iji PA., Associate Professor of Poultry Nutrition, University of New England, Australia

Khajali F., Professor of Poultry Nutrition, Shahrekord University, Iran

Loh TC., Associate Professor of Poultry Nutrition, Universiti Putra Malaysia, Malaysia

Pakdel A., Associate Professor of Poultry Breeding and Genetics, Isfahan University of Technology, Iran

Rajion MA., Professor of Poultry Physiology, Universiti Putra Malaysia, Malaysia

Rezaei M., Professor of Poultry Nutrition, Sari Agricultural Sciences and Natural Resources University, Iran

Roberts J., Associate Professor of Poultry Physiology, University of New England, Australia

Shams Shargh M., Associate Professor of Poultry Nutrition, GUASNR, Iran Wideman RF., Professor of Poultry Physiology, University of Arkansas, USA

Yalcin S., Professor of Poultry Sciences, Ege University, Turkey

Zerehdaran, S., Professor of Poultry Breeding and Genetics, Ferdowsi University of Mashhad, Iran

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: 49189-43464. Website: http://psj.gau.ac.ir, Email: psj@gau.ac.ir, Tel/Fax: 0098-17-32430522