

Review articles

- 605–614 **A review of oxalate poisoning in domestic animals: tolerance and performance aspects**
M.M. Rahman; R.B. Abdullah; W.E. Wan Khadijah
615–623 **Spirulina as a livestock supplement and animal feed**
B.W.B. Holman; A.E.O. Malau-Aduli

Original articles

- 624–631 **Voluntary feed intake and leptin sensitivity in ad libitum fed obese ponies following a period of restricted feeding: a pilot study**
S.Van Weyenberg; J.Buyse; I.D.Kalmar; Q.Swennen; G.P.J.Janssens
632–638 **Dietary supplementation of Zingiber officinale and Zingiber zerumbet to heat-stressed broiler chickens and its effect on heat shock protein 70 expression, blood parameters and body temperature**
S.R.Hasheimi; I.Zulkifli; M.N.Somchit; Z.Zunita; T.C.Loh; A.F.Soleimani; S.C.Tang
639–646 **The influence of lupin seed germination on the chemical composition and standardized ileal digestibility of protein and amino acids in pigs**
K.Chilomer; M.Kasprowicz-Potocka; P.Gulewicz; A.Frankiewicz
647–655 **Effects of induced energy deficiency on lactoferrin concentration in milk and the lactoferrin reaction of primary bovine mammary epithelial cells in vitro**
K.Danowski; J.J.Gross; H.H.D.Meyer; H.Kliem
656–665 **Degradation of two soluble proteins – casein and egg protein by a macro in vitro method**
P.Udén
666–674 **Effect of monensin and vitamin E on milk production and composition of lactating dairy cows**
SH.Khadamoradi; F.Fatahnia; K.Taherpour; V.Pirani; L.Rashidi; A.Azarfar
675–683 **Differences in triglyceride and cholesterol metabolism and resistance to obesity in male and female vitamin D receptor knockout mice**
K.Weber; R.G.Erben
684–693 **Effect of nutrient intake on intramuscular glucose metabolism during the early growth stage in cross-bred steers (Japanese Black male × Holstein female)**
F.Ebara; S.Inada; M.Morikawa; S.-H.Asaoka; Y.Isozaki; A.Saito; T.Etoh; Y.Shiotsuka; S.G.Roh; J.Wegner; T.Gotoh
694–700 **Effect of experimental feed additives on aflatoxin in milk of dairy cows fed aflatoxin-contaminated diets**
L.Kissell; S.Davidson; B.A.Hopkins; G.W.Smith; L.W.Whitlow
701–709 **Nutrient digestibility and evaluation of protein and carbohydrate fractionation of citrus by-products**
S.Lashkari; A.Taghizadeh
710–719 **Apparent zinc absorption and zinc status of weanling rats fed moderately zinc-deficient diets enriched with beef tallow or sunflower oil**
E.Weigand; C.Boesch-Saadatmandi
720–731 **Calf foetal and early life nutrition on grazing conditions: metabolic and endocrine profiles and body composition during the growing phase**
V.Gutiérrez; A.C.Espasandin; A.L.Astessiano; A.Casal; C.López-Mazz; M.Carriquiry
732–739 **Analysis of weaning-induced stress in Saanen goat kids**
D.Magistrelli; A.A.Aufy; L.Pinotti; F.Rosi
740–753 **Olive leaves (*Olea europaea* L.) and α-tocopheryl acetate as feed antioxidants for improving the oxidative stability of α-linolenic acid-enriched eggs**
E.Botsoglou; A.Govaris; D.Fletouris; S.Iliadis
754–772 **Capability of different non-nutritive feed additives on improving productive and physiological traits of broiler chicks fed diets with or without aflatoxin during the first 3 weeks of life**
Y.A.Attia; H.F.Allakany; A.E.Abd Al-Hamid; A.A.Al-Saffar; R.A.Hassan; N.A.Mohamed
773–784 **Assessment of in vitro digestibility and fermentation parameters of alfalfa hay-based diet following direct incorporation of fenugreek seed (*Trigonella foenum*) and asparagus root (*Asparagus officinalis*)**
V.Naseri; F.Hozhabri; F.Kafilzadeh
785–796 **Morphological changes of the cartilage and bone in newborn piglets evoked by experimentally induced glucocorticoid excess during pregnancy**
E.Tomaszevska; P.Dobrowolski; I.Puzio
797–806 **Effects of breed and dietary nutrient density on the growth performance, blood metabolite, and genes expression of target of rapamycin (TOR) signalling pathway of female broiler chickens**
X.-q.Wang; W.Jiang; H.-z.Tan; D.-x.Zhang; H.-j.Zhang; S.Wei; H.-c.Yan