

Nigel R Kendall

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,783
citations

394421

19
h-index

276875

41
g-index

48
all docs

48
docs citations

48
times ranked

1271
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A review of the effects of supplementary nutrition in the ewe on the concentrations of reproductive and metabolic hormones and the mechanisms that regulate folliculogenesis and ovulation rate. <i>Reproduction, Nutrition, Development</i> , 2006, 46, 339-354. | 1.9 | 269 |
| 2 | The interobserver reliability and validity of volume calculation from three-dimensional ultrasound datasets in the <i>in vitro</i> setting. <i>Ultrasound in Obstetrics and Gynecology</i> , 2003, 21, 283-291. | 1.7 | 211 |
| 3 | The reliability of virtual organ computer-aided analysis (VOCAL) for the semiquantification of ovarian, endometrial and subendometrial perfusion. <i>Ultrasound in Obstetrics and Gynecology</i> , 2003, 22, 633-639. | 1.7 | 154 |
| 4 | Quantifying the changes in endometrial vascularity throughout the normal menstrual cycle with three-dimensional power Doppler angiography. <i>Human Reproduction</i> , 2004, 19, 330-338. | 0.9 | 151 |
| 5 | Endometrial and subendometrial perfusion are impaired in women with unexplained subfertility. <i>Human Reproduction</i> , 2004, 19, 2605-2614. | 0.9 | 96 |
| 6 | The interobserver reliability of three-dimensional power Doppler data acquisition within the female pelvis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2004, 23, 501-508. | 1.7 | 88 |
| 7 | Role of the rumen in copper and thiomolybdate absorption. <i>Nutrition Research Reviews</i> , 2011, 24, 176-182. | 4.1 | 87 |
| 8 | Does 3D ultrasound offer any advantage in the pretreatment assessment of ovarian reserve and prediction of outcome after assisted reproduction treatment?. <i>Human Reproduction</i> , 2007, 22, 1932-1941. | 0.9 | 75 |
| 9 | The effect of a zinc, cobalt and selenium soluble glass bolus on trace element status and semen quality of ram lambs. <i>Animal Reproduction Science</i> , 2000, 62, 277-283. | 1.5 | 70 |
| 10 | Direct <i>in vivo</i> effects of leptin on ovarian steroidogenesis in sheep. <i>Reproduction</i> , 2004, 128, 757-765. | 2.6 | 65 |
| 11 | The ovarian expression of mRNAs for aromatase, IGF-I receptor, IGF-binding protein-2, -4 and -5, leptin and leptin receptor in cycling ewes after three days of leptin infusion. <i>Reproduction</i> , 2005, 130, 869-881. | 2.6 | 61 |
| 12 | The effect of short-term nutritional supplementation of ewes with lupin grain (<i>Lupinus luteus</i>), during the luteal phase of the estrous cycle on the number of ovarian follicles and the concentrations of hormones and glucose in plasma and follicular fluid. <i>Theriogenology</i> , 2007, 68, 1037-1046. | 2.1 | 50 |
| 13 | Defining endometrial growth during the menstrual cycle with three-dimensional ultrasound. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2004, 111, 944-949. | 2.3 | 47 |
| 14 | The effect of monosaccharide sugars and pyruvate on the differentiation and metabolism of sheep granulosa cells <i>in vitro</i> . <i>Reproduction</i> , 2010, 140, 541-550. | 2.6 | 34 |
| 15 | Liver copper concentrations in cull cattle in the UK: are cattle being copper loaded?. <i>Veterinary Record</i> , 2015, 177, 493-493. | 0.3 | 34 |
| 16 | Expression of lysyl oxidase and effect of copper chloride and ammonium tetrathiomolybdate on bovine ovarian follicle granulosa cells cultured in serum-free media. <i>Reproduction</i> , 2003, 125, 657-665. | 2.6 | 27 |
| 17 | Incidence and treatment of inadequate postovulatory progesterone concentrations in repeat breeder cows. <i>Veterinary Journal</i> , 2009, 181, 158-162. | 1.7 | 26 |
| 18 | Effect of a copper, cobalt and selenium soluble glass bolus given to grazing sheep. <i>Livestock Science</i> , 2001, 68, 31-39. | 1.2 | 22 |

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|----|--|-----|-----------|
| 19 | Energy metabolites in pre- and postpartum dairy cattle as predictors of reproductive disorders. <i>Veterinary Record</i> , 2011, 168, 562-562. | 0.3 | 22 |
| 20 | Copper physiology in ruminants: trafficking of systemic copper, adaptations to variation in nutritional supply and thiomolybdate challenge. <i>Nutrition Research Reviews</i> , 2020, 33, 43-49. | 4.1 | 22 |
| 21 | Effect of Direct Ovarian Infusion of Bone Morphogenetic Protein 6 (BMP6) on Ovarian Function in Sheep. <i>Biology of Reproduction</i> , 2009, 81, 1016-1023. | 2.7 | 18 |
| 22 | The Effect of the Presence and Pattern of Luteinizing Hormone Stimulation on Ovulatory Follicle Development in Sheep. <i>Biology of Reproduction</i> , 2007, 76, 719-727. | 2.7 | 17 |
| 23 | The effect of short-term nutritional supplementation of ewes with lupin grain (<i>Lupinus luteus</i>) on folliculogenesis, the concentrations of hormones and glucose in plasma and follicular fluid and the follicular levels of P450 aromatase and IRS-1, -2 and -4. <i>Reproduction</i> , 2013, 145, 319-333. | 2.6 | 17 |
| 24 | The effect of a zinc, cobalt and selenium soluble glass bolus on the trace element status of extensively grazed sheep over winter. <i>Animal Science</i> , 2001, 73, 163-169. | 1.3 | 15 |
| 25 | Temporal relationships between FSH receptor, type 1 insulin-like growth factor receptor, and aromatase expression during FSH-induced differentiation of bovine granulosa cells maintained in serum-free culture. <i>Molecular and Cellular Endocrinology</i> , 2003, 203, 117-127. | 3.2 | 15 |
| 26 | Effect of copper and thiomolybdates on bovine theca cell differentiation in vitro. <i>Journal of Endocrinology</i> , 2006, 189, 455-463. | 2.6 | 13 |
| 27 | The effect of systemic and ovarian infusion of glucose, galactose and fructose on ovarian function in sheep. <i>Reproduction</i> , 2010, 140, 721-732. | 2.6 | 13 |
| 28 | The trace element and humoral immune response of lambs administered a zinc, cobalt and selenium soluble glass bolus. <i>Livestock Science</i> , 2012, 148, 81-86. | 1.6 | 11 |
| 29 | The efficacy of supplying supplemental cobalt, selenium and vitamin B 12 via the oral drench route in sheep. <i>Livestock Science</i> , 2017, 200, 80-84. | 1.6 | 9 |
| 30 | Induction of zinc deficiency in sheep and its correction with a soluble glass bolus containing zinc. <i>Veterinary Record</i> , 2000, 146, 634-637. | 0.3 | 8 |
| 31 | A reconnaissance survey of farmers' awareness of hypomagnesaemic tetany in UK cattle and sheep farms. <i>PLoS ONE</i> , 2019, 14, e0223868. | 2.5 | 6 |
| 32 | Trace element composition of tree fodder and potential nutritional use for livestock. <i>Livestock Science</i> , 2021, 250, 104560. | 1.6 | 5 |
| 33 | Effect of monosaccharide sugars on LH-induced differentiation and sugar transport facilitator (SLC2A) expression in sheep theca cells in vitro. <i>Reproduction, Fertility and Development</i> , 2014, 26, 453. | 0.4 | 4 |
| 34 | Evaluation of the solubility of a range of copper sources and the effects of iron & sulphur on copper solubility under rumen simulated conditions. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 68, 126815. | 3.0 | 4 |
| 35 | Linking Theory to Practice in an Undergraduate Veterinary Curriculum: Students' Perspectives. <i>Journal of Veterinary Medical Education</i> , 2009, 36, 291-296. | 0.6 | 3 |
| 36 | Equine influenza vaccination as reported by horse owners and factors influencing their decision to vaccinate or not. <i>Preventive Veterinary Medicine</i> , 2020, 180, 105011. | 1.9 | 3 |

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|----|---|-----|-----------|
| 37 | The effects of supplementation with cobalt, and method of administration, on ewe reproduction and offspring performance to weaning. <i>Livestock Science</i> , 2021, 251, 104661. | 1.6 | 3 |
| 38 | Mineral and vitamin supplementation on sheep farms: a survey of practices and farmer knowledge. <i>Translational Animal Science</i> , 2022, 6, 1026. | 1.1 | 3 |
| 39 | Pre-translational regulation of luteinizing hormone receptor in follicular somatic cells of cattle. <i>Animal Reproduction Science</i> , 2015, 163, 63-74. | 1.5 | 2 |
| 40 | Comparison of X-ray absorption spectra from copper-loaded bovine and ovine livers. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 70, 126910. | 3.0 | 2 |
| 41 | Caeruloplasmin:plasma copper ratios in cows. <i>Veterinary Record</i> , 2006, 159, 607-608. | 0.3 | 1 |
| 42 | Establishing the plasma copper reference range in Boer goats. <i>Veterinary Record</i> , 2010, 167, 499-499. | 0.3 | 0 |
| 43 | Title is missing!. , 2019, 14, e0223868. | | 0 |
| 44 | Title is missing!. , 2019, 14, e0223868. | | 0 |
| 45 | Title is missing!. , 2019, 14, e0223868. | | 0 |
| 46 | Title is missing!. , 2019, 14, e0223868. | | 0 |
| 47 | Title is missing!. , 2019, 14, e0223868. | | 0 |
| 48 | Title is missing!. , 2019, 14, e0223868. | | 0 |