

SUBJEK : ANIMAL SCIENCE

Sumber : ScienceDirect

Topik : Dairy

1. *Invited review: Animal-based indicators for on-farm welfare assessment for dairy goats*
Review Article
Pages 6625-6648
M. Battini, A. Vieira, S. Barbieri, I. Ajuda, G. Stilwell, S. Mattiello
2. *Invited review: Antibiotic treatment of metritis in dairy cows: A systematic approach*
Review Article
Pages 6649-6661
P. Haimerl, W. Heuwieser
3. Antioxidant activity of yogurt made from milk characterized by different casein haplotypes and fortified with chestnut and sulla honeys Original Research Article
Pages 6662-6670
Annamaria Perna, Immacolata Intaglietta, Amalia Simonetti, Emilio Gambacorta
4. Evaluation of NaCl, pH, and lactic acid on the growth of Shiga toxin-producing *Escherichia coli* in a liquid Cheddar cheese extract Original Research Article
Pages 6671-6679
Jee-Hwan Oh, Elena Vinay-Lara, Russell McMinn, Kathleen A. Glass, Mark E. Johnson, James L. Steele
5. Angiotensin-converting enzyme inhibitory activity of *Lactobacillus helveticus* strains from traditional fermented dairy foods and antihypertensive effect of fermented milk of strain H9 Original Research Article
Pages 6680-6692
Yongfu Chen, Wenjun Liu, Jiangang Xue, Jie Yang, Xia Chen, Yuyu Shao, Lai-yu Kwok, Menghe Bilige, Lai Mang, Heping Zhang
6. Sensory analysis and species-specific PCR detect bovine milk adulteration of *frescal* (fresh) goat cheese Original Research Article
Pages 6693-6699
L.P. Golinelli, A.C. Carvalho, R.S. Casaes, C.S.C. Lopes, R. Deliza, V.M.F. Paschoalin, J.T. Silva
7. Texture, flavor, and sensory quality of buffalo milk Cheddar cheese as influenced by reducing sodium salt content Original Research Article
Pages 6700-6707
M.A. Murtaza, N. Huma, A. Sameen, M.S. Murtaza, S. Mahmood, G. Mueen-ud-Din, A. Meraj
8. Evolution under different storage conditions of anomalous blue coloration of Mozzarella cheese intentionally contaminated with a pigment-producing strain of *Pseudomonas fluorescens* Original Research Article
Pages 6708-6718
B.T. Cenci-Goga, M. Karama, P. Sechi, M.F. Iulietto, S. Novelli, S. Mattei
9. Total milk fat extraction and quantification of polar and neutral lipids of cow, goat, and ewe milk by using a pressurized liquid system and chromatographic techniques

Original Research Article

Pages 6719-6728

M.P. Castro-Gómez, L.M. Rodríguez-Alcalá, M.V. Calvo, J. Romero, J.A. Mendiola, E. Ibañez, J. Fontecha

10. Effect of microparticulated whey proteins on milk coagulation properties Original Research Article
Pages 6729-6736
A. Sturaro, M. Penasa, M. Cassandro, A. Varotto, M. De Marchi
11. Production and characterization of a tributyrin esterase from *Lactobacillus plantarum* suitable for cheese lipolysis Original Research Article
Pages 6737-6744
M. Esteban-Torres, J.M. Mancheño, B. de las Rivas, R. Muñoz
12. Sensorial and fatty acid profile of ice cream manufactured with milk of crossbred cows fed palm oil and coconut fat Original Research Article
Pages 6745-6753
S.A.S. Corradini, G.S. Madrona, J.V. Visentainer, E.G. Bonafe, C.B. Carvalho, P.M. Roche, I.N. Prado
13. Prevalence and characterization of *Salmonella enterica* in dried milk-related infant foods in Shaanxi, China Original Research Article
Pages 6754-6760
B. Yang, H. Zhao, S. Cui, Y. Wang, X. Xia, M. Xi, X. Wang, J. Meng, W. Ge
14. Comparative analysis of bacterial community composition in bulk tank raw milk by culture-dependent and culture-independent methods using the viability dye propidium monoazide Original Research Article
Pages 6761-6776
Mareike Weber, Janina Geißert, Myriam Kruse, André Lipski
15. Prevalence of thermotolerant bacteria and spores on 10 Midwest dairy farms Original Research Article
Pages 6777-6784
Kimberly P. Buehner, Sanjeev Anand, Alvaro Garcia
16. Detection and prevalence of pathogenic *Yersinia enterocolitica* in refrigerated and frozen dairy products by duplex PCR and dot hybridization targeting the *virF* and *ail* genes Original Research Article
Pages 6785-6791
Y.W. Ye, N. Ling, Y.J. Han, Q.P. Wu
17. Recombinant Derp5 allergen with α S1-casein signal peptide secreted in murine milk protects against dust mite allergen-induced airway inflammation Original Research Article
Pages 6792-6803
Hsu-Chung Liu, Shun-Yuan Pai, Hsiao-Ling Chen, Cheng-Wei Lai, Tung-Chou Tsai, Winston T.K. Cheng, Shang-Hsun Yang, Chuan-Mu Chen
18. Novel extraction method of genomic DNA suitable for long-fragment amplification from small amounts of milk Original Research Article
Pages 6804-6809
Y.F. Liu, J.L. Gao, Y.F. Yang, T. Ku, L.S. Zan

19. *Short communication:* Amino trap column improves the separation of methylimidazoles, 5-hydroxymethyl-2-furaldehyde, and sugars in Maillard reaction
Pages 6810-6813
Xian-Bing Xu, Ding-Bo Liu, Shu-Juan Yu, Zhen-Gang Zhao, Pei Yu
20. *Short communication:* Viability of culture organisms in honey-enriched *acidophilus-bifidus-thermophilus* (ABT)-type fermented camel milk
Pages 6814-6818
L. Varga, J. Süle, P. Nagy
21. *Short communication:* Monitoring nutritional quality of Amiata donkey milk: Effects of lactation and productive season
Pages 6819-6822
Mina Martini, Iolanda Altomonte, Federica Salari, Anna M. Caroli
22. *Short communication:* Effect of commercial or depuritized milk diet on plasma advanced oxidation protein products, cardiovascular markers, and bone marrow CD34+ stem cell potential in rat experimental hyperuricemia
Pages 6823-6827
Gordana Kocic, Dusan Sokolovic, Tatjana Jevtovic, Tatjana Cvetkovic, Andrej Veljkovic, Hristina Kocic, Svetlana Stojanovic, Aneta Jovanovic, Jelena Jovanovic, Petar Zivkovic
23. *Short communication:* Development of a direct in vivo screening model to identify potential probiotic bacteria using *Caenorhabditis elegans*
Pages 6828-6834
M.R. Park, H.S. Yun, S.J. Son, S. Oh, Y. Kim

Topik : Physiology and management

24. Designing a risk-based surveillance program for *Mycobacterium avium* ssp. *paratuberculosis* in Norwegian dairy herds using multivariate statistical process control analysis Original Research Article
Pages 6835-6849
A.C. Whist, K.H. Liland, M.E. Jonsson, S. Sæbø, S. Sviland, O. Østerås, M. Norström, P. Hopp
25. Temporary alterations to postpartum milking frequency affect whole-lactation milk production and the energy status of pasture-grazed dairy cows Original Research Article
Pages 6850-6868
C.V.C. Phyn, J.K. Kay, A.G. Rius, S.R. Morgan, C.G. Roach, T.M. Grala, J.R. Roche
26. An ex ante analysis on the use of activity meters for automated estrus detection: To invest or not to invest? Original Research Article
Pages 6869-6887
C.J. Rutten, W. Steeneveld, C. Inchaisri, H. Hogeveen
27. Plasma anti-Müllerian hormone in adult dairy cows and associations with fertility Original Research Article
Pages 6888-6900
E.S. Ribeiro, R.S. Bisinotto, F.S. Lima, L.F. Greco, A. Morrison, A. Kumar, W.W. Thatcher, J.E.P. Santos

28. Blood calcium dynamics after prophylactic treatment of subclinical hypocalcemia with oral or intravenous calcium Original Research Article
Pages 6901-6906
C.D. Blanc, M. Van der List, S.S. Aly, H.A. Rossow, N. Silva-del-Río
29. Genetic relatedness and virulence factors of bovine *Staphylococcus aureus* isolated from teat skin and milk Original Research Article
Pages 6907-6916
L.B. da Costa, P.J. Rajala-Schultz, A. Hoet, K.S. Seo, K. Fogt, B.S. Moon
30. Recombinant bovine interferon- τ enhances in vitro development of bovine embryos by upregulating expression of connexin 43 and E-cadherin Original Research Article
Pages 6917-6925
Zhong-Jian Bao, Shuan Zhao, Ihtesham Ul Haq, Shen-Ming Zeng
31. Pathogen-specific incidence rate of clinical mastitis in Flemish dairy herds, severity, and association with herd hygiene Original Research Article
Pages 6926-6934
Joren Verbeke, Sofie Piepers, Karlien Supré, Sarne De Vliegher
32. Rumination activity of dairy cows in the 24 hours before and after calving Original Research Article
Pages 6935-6941
Christian Pahl, Eberhard Hartung, Anne Grothmann, Katrin Mahlkow-Nerge, Angelika Haeussermann
33. Effects of pathogen-specific clinical mastitis on probability of conception in Holstein dairy cows Original Research Article
Pages 6942-6954
J.A. Hertl, Y.H. Schukken, F.L. Welcome, L.W. Tauer, Y.T. Gröhn
34. Cardiac responses to palpation per rectum in lactating and nonlactating dairy cows Original Research Article
Pages 6955-6963
L. Kovács, J. Tózsér, O. Szenci, P. Póti, F.L. Kézér, F. Ruff, Gy. Gábel-Tózsér, D. Hoffmann, M. Bakony, V. Jurkovich
35. *Short communication:* Genotypic and phenotypic identification of environmental streptococci and association of *Lactococcus lactis* ssp. *lactis* with intramammary infections among different dairy farms
Pages 6964-6969
B. Werner, P. Moroni, G. Gioia, L. Lavín-Alconero, A. Yousaf, M.E. Charter, B. Moslock Carter, J. Bennett, D.V. Nysdam, F. Welcome, Y.H. Schukken

Topik : Nutrition, feeding, and calves

36. Alfalfa baleage with increased concentration of nonstructural carbohydrates supplemented with a corn-based concentrate did not improve production and nitrogen utilization in early lactation dairy cows Original Research Article
Pages 6970-6990
A.F. Brito, G.F. Tremblay, A. Bertrand, Y. Castonguay, G. Bélanger, R. Michaud, C. Lafrenière, R. Martineau, R. Berthiaume
37. Effect of feeding colostrum at different volumes and subsequent number of transition

- milk feeds on the serum immunoglobulin G concentration and health status of dairy calves Original Research Article
Pages 6991-7000
M. Conneely, D.P. Berry, J.P. Murphy, I. Lorenz, M.L. Doherty, E. Kennedy
38. Reciprocal combinations of barley and corn grains in oil-supplemented diets: Feeding behavior and milk yield of lactating cows Original Research Article
Pages 7001-7011
S. Kargar, G.R. Ghorbani, M. Khorvash, A. Sadeghi-Sefidmazgi, D.J. Schingoethe
39. Exchanging physically effective neutral detergent fiber does not affect chewing activity and performance of late-lactation dairy cows fed corn and sugarcane silages Original Research Article
Pages 7012-7020
A. Sá Neto, A.W. Bispo, D. Junges, A.K. Bercht, M. Zopollatto, J.L.P. Daniel, L.G. Nussio
40. Prevalence and potential influencing factors of non-nutritive oral behaviors of veal calves on commercial farms Original Research Article
Pages 7021-7030
H. Leruste, M. Brscic, G. Cozzi, B. Kemp, M. Wolthuis-Fillerup, B.J. Lensink, E.A.M. Bokkers, C.G. van Reenen
41. Effect of unsaturated fatty acids and triglycerides from soybeans on milk fat synthesis and biohydrogenation intermediates in dairy cattle Original Research Article
Pages 7031-7042
J.P. Boerman, A.L. Lock
42. Effect of concentrate feed level on methane emissions from grazing dairy cows Original Research Article
Pages 7043-7053
H.P. Jiao, A.J. Dale, A.F. Carson, S. Murray, A.W. Gordon, C.P. Ferris
43. Milk fatty acids as possible biomarkers to early diagnose elevated concentrations of blood plasma nonesterified fatty acids in dairy cows Original Research Article
Pages 7054-7064
S. Jorjong, A.T.M. van Knegsel, J. Verwaeren, M. Val Lahoz, R.M. Bruckmaier, B. De Baets, B. Kemp, V. Fievez
44. Effects of *Cordyceps militaris* on the growth of rumen microorganisms and in vitro rumen fermentation with respect to methane emissions Original Research Article
Pages 7065-7075
W.Y. Kim, M.D. Hanigan, S.J. Lee, S.M. Lee, D.H. Kim, J.H. Hyun, J.M. Yeo, S.S. Lee
45. Effects of duration of moderate increases in grain feeding on endotoxins in the digestive tract and acute phase proteins in peripheral blood of yearling calves Original Research Article
Pages 7076-7084
J.C. Plaizier, S. Li, M. Le Sciellour, B.L. Schurmann, P. Górka, G.B. Penner
46. Meta-analysis of lactation performance in dairy cows receiving supplemental dietary methionine sources or postruminal infusion of methionine Original Research Article
Pages 7085-7101

- G.I. Zanton, G.R. Bowman, M. Vázquez-Añón, L.M. Rode
47. Use of a direct-fed microbial product as a supplement during the transition period in dairy cattle Original Research Article
Pages 7102-7114
O. AlZahal, H. McGill, A. Kleinberg, J.I. Holliday, I.K. Hindrichsen, T.F. Duffield, B.W. McBride
 48. Meta-analysis of relationships between enteric methane yield and milk fatty acid profile in dairy cattle Original Research Article
Pages 7115-7132
H.J. van Lingen, L.A. Crompton, W.H. Hendriks, C.K. Reynolds, J. Dijkstra
 49. Effect of feeding a negative dietary cation-anion difference diet for an extended time prepartum on postpartum serum and urine metabolites and performance Original Research Article
Pages 7133-7143
Z. Wu, J.K. Bernard, K.P. Zanzalari, J.D. Chapman
 50. Effects of feeding lutein on production performance, antioxidative status, and milk quality of high-yielding dairy cows Original Research Article
Pages 7144-7150
C.Z. Xu, H.F. Wang, J.Y. Yang, J.H. Wang, Z.Y. Duan, C. Wang, J.X. Liu, Y. Lao
 51. Evaluation of lower-starch diets for lactating Holstein dairy cows Original Research Article
Pages 7151-7161
H.M. Dann, H.A. Tucker, K.W. Cotanch, P.D. Krawczel, C.S. Mooney, R.J. Grant, T. Eguchi
 52. Effects of conjugated linoleic acid supplementation and feeding level on dairy performance, milk fatty acid composition, and body fat changes in mid-lactation goats Original Research Article
Pages 7162-7174
S. Ghazal, V. Berthelot, N.C. Friggens, P. Schmidely
 53. Feeding lactating dairy cattle long hay separate from the total mixed ration can maintain dry matter intake during incidents of low rumen pH Original Research Article
Pages 7175-7184
A.D. Kmicikewycz, A.J. Heinrichs
 54. Using the Small Ruminant Nutrition System to develop and evaluate an alternative approach to estimating the dry matter intake of goats when accounting for ruminal fiber stratification Original Research Article
Pages 7185-7196
J.G.L. Regadas Filho, L.O. Tedeschi, A. Cannas, R.A.M. Vieira, M.T. Rodrigues
 55. Effects of dairy slurry on silage fermentation characteristics and nutritive value of alfalfa Original Research Article
Pages 7197-7211
W.K. Coblenz, R.E. Muck, M.A. Borchardt, S.K. Spencer, W.E. Jokela, M.G. Bertram, K.P. Coffey

56. *Short communication*: Effects of increasing protein and energy in the milk replacer with or without direct-fed microbial supplementation on growth and performance of preweaned Holstein calves
Pages 7212-7219
A.J. Geiger, S.H. Ward, C.C. Williams, B.J. Rude, C.J. Cabrera, K.N. Kalestch, B.E. Voelz
57. *Short communication*: Effect of dietary manipulation of crude protein content and nonfibrous-to-fibrous-carbohydrate ratio on energy balance in early-lactation dairy cows
Pages 7220-7224
S.J. Whelan, F.J. Mulligan, V. Gath, B. Flynn, K.M. Pierce
58. *Short communication*: Relationship between the efficiency of utilization of feed nitrogen and ¹⁵N enrichment in casein from lactating dairy cows
Pages 7225-7229
A.R.J. Cabrita, A.J.M. Fonseca, R.J. Dewhurst

Topik : Genetics and breeding

59. Genetic analysis of atypical progesterone profiles in Holstein-Friesian cows from experimental research herds Original Research Article
Pages 7230-7239
S. Nyman, K. Johansson, D.J. de Koning, D.P. Berry, R.F. Veerkamp, E. Wall, B. Berglund
60. Phosphorylation of α S1-casein is regulated by different genes Original Research Article
Pages 7240-7246
E. Bijl, H.J.F. van Valenberg, T. Huppertz, A.C.M. van Hooijdonk, H. Bovenhuis
61. Phenotypic factors affecting coagulation properties of milk from Sarda ewes Original Research Article
Pages 7247-7257
M. Pazzola, M.L. Dettori, C. Cipolat-Gotet, A. Cecchinato, G. Bittante, G.M. Vacca
62. Genome-wide association study using high-density single nucleotide polymorphism arrays and whole-genome sequences for clinical mastitis traits in dairy cattle Original Research Article
Pages 7258-7275
G. Sahana, B. Guldbbrandtsen, B. Thomsen, L-E. Holm, F. Panitz, R.F. Brøndum, C. Bendixen, M.S. Lund
63. A quantitative trait locus on *Bos taurus* autosome 17 explains a large proportion of the genetic variation in de novo synthesized milk fatty acids Original Research Article
Pages 7276-7285
S.I. Duchemin, M.H.P.W. Visker, J.A.M. Van Arendonk, H. Bovenhuis
64. Genetic analysis of milk β -hydroxybutyrate and its association with fat-to-protein ratio, body condition score, clinical ketosis, and displaced abomasum in early first lactation of Canadian Holsteins Original Research Article
Pages 7286-7292
A. Koeck, J. Jamrozik, F.S. Schenkel, R.K. Moore, D.M. Lefebvre, D.F. Kelton, F.

Miglior

65. *Technical note: Advantages and limitations of authenticating Palmera goat dairy products by pyrosequencing the melanocortin 1 receptor (MC1R) gene* Original Research Article
Pages 7293-7297
B. Badaoui, A. Manunza, A. Castelló, M. D'Andrea, F. Pilla, J. Capote, J. Jordana, A. Ferrando, A. Martínez, B. Cabrera, J.V. Delgado, V. Landi, M. Gómez, A. Pons, M. El Ouni, O. Vidal, M. Amills

Topik : Industry

66. *Application of liquid semen technology improves conception rate of sex-sorted semen in lactating dairy cows* Original Research Article
Pages 7298-7304
Z.Z. Xu
67. Erratum to “Efficacy of in vitro embryo transfer in lactating dairy cows using fresh or vitrified embryos produced in a novel embryo culture medium” (J. Dairy Sci. 93:5234–5242)
Pages 7305
J. Block, L. Bonilla, P.J. Hansen