

milchwissenschaft milk science international

Zeitschrift für Ernährungsforschung und Lebensmittelwissenschaften

Journal of Nutrition Research and Food Science

Wissenschaftliche Redaktion / Scientific Editor: Prof. Dr. W. Heeschen

Wissenschaftlicher Beirat / Scientific Advisers: Dr. H.P. Bachmann, Dr. J. Bräunig, Prof. Dr. K. Heller,
Prof. Dr. W. Kneifel, Prof. Dr. U. Kulozik, Prof. Dr. J. Schrezenmeir, Prof. Dr. H. Weindlmaier

1

Volume 67

No. 1

Kempten

B 4747 E

MILCAD 67 (1)

1-116 (2012)

Aus dem Inhalt / From the content:

Optimization of protectant formulation of *Lactobacillus plantarum* during lyophilisation

Simultaneous particle size and shape analysis in fermented milk products

Effect of high pressure on the composition of milk fat triacylglycerols

Prediction of rheological parameters of model instant hot chocolate beverage

Lactobacillus rhamnosus: beneficial and adverse effects on human health

Graphic validation of growth models for *Listeria monocytogenes* in milk

Occurrence and characterization of *Listeria* species isolated from the milk production chain

Bioactive peptides by enzymatic hydrolysis of whey protein concentrate

Cronobacter sakazakii in powdered infant formula on sale in Portugal

Effect of fat origin on sensory and physico-chemical characteristics of sour cream

Feasibility of frozen storage of Gouda cheese

Effect of salt on microbiology and proteolysis of Queso Fresco cheese

MILCHWISSENSCHAFT • MILK SCIENCE INTERNATIONAL

ZEITSCHRIFT FÜR ERNÄHRUNGSFORSCHUNG UND LEBENSMITTELWISSENSCHAFTEN

JOURNAL OF NUTRITION RESEARCH AND FOOD SCIENCE

ORGAN DER GESELLSCHAFT FÜR MILCHWISSENSCHAFT / ASSOCIATION OF MILK SCIENCE

WISSENSCHAFTLICHE REDAKTION / SCIENTIFIC EDITOR: PROF. DR. W. HEESCHEN

Vol. 67 • Nr / No 1 • Kempten • MILCAD 67 (1) - (2012)

ORIGINALARBEITEN / ORIGINAL PAPERS

Hou, J., Liu, Y., Du, P., Xu, J., Jiang, L.: Optimization of protectant formulation of <i>Lactobacillus plantarum</i> during lyophilization by using a response surface methodological approach.....	3-5
HAHN, C., KRZEMINSKI, A., WILLE, S., WEISS, J., HINRICH, J.: Simultaneous particle size and shape analysis in fermented milk products as influenced by composition and processing.....	6-9
SOLOWIEJ, B.: Textural, rheological and melting properties of acid casein reduced-fat processed cheese analogues	9-13
MONTILLA, A., CORZO, N., OLANO, A.: Effects of monovalent cations (Na^+ and K^+) on galacto-oligosaccharides production during lactose hydrolysis by <i>Kluyveromyces lactis</i> β -galactosidase.....	14-18
STANIEWSKI, B., KIELCZEWSKA, K., SMOCZYŃSKI, M., BARANOWSKA, M., CZERNIEWICZ, M., BRANDT, W.: Effect of high pressures on the composition of milk fat triacylglycerols.....	18-21
TOKER, Ö.S., DOĞAN, M., GÖKSEL, M.: Prediction of rheological parameters of model instant hot chocolate beverage by adaptive neuro fuzzy inference system	22-25
KUMAR, S., KANAWJIA, S.K.: The effect of type of milk on chemical composition and textural attributes of Feta type cheese during ripening.....	26-29
ZAMBERLIN, S., DOLENČIĆ ŠPEHAR, V.I., KELAVA, N., SAMARŽIJA, D.: Probiotic bacterium <i>Lactobacillus rhamnosus</i> : beneficial and adverse effects on human health.....	30-33
RAHMATYAR, Z., WIKING, L.: Fatty acid composition and thermal behavior of small and large milk fat globules.....	34-38
KOWALIK, J., LOBACZ, A., TARCZYNSKA, A., ZIAJKA, S.: Graphic validation of growth models for <i>Listeria monocytogenes</i> in milk during storage.....	38-42
D'COSTA, D., BHOSLE, S.N., DHURI, R.B., KALEKAR, S., RODRIGUES, J., DOIJAD, S.P., BARBUDDHE, S.B.: Occurrence and characterization of <i>Listeria</i> species isolated from the milk production chain.....	43-46
XIANGHE, M., PAN, Q., PEILONG, S., ISMAIL, A.A., VAN DE VOORT, F.R.: Impact of caseinomacropeptide on heat-induced gel strength of neutral whey protein concentrates: Model system study	47-51
HATHURUSINGHE, M.H., IBRAHIM, S.A.: Survival and growth of yogurt culture in MRS broth in the presence of selected rodenticides	51-54
SCHOBER ¹ , Y., YOO, S.H., PAIK, H.-D., PARK, E.J., SPENGLER, B., RÖMPP, A., JAYAPRAKASHA H.M., YOON, Y.C.: Characterization of bioactive peptides derived by enzymatic hydrolysis of whey protein concentrate	55-57
KUMAR, J., KUMAR, S., GUPTA, V.K., KUMAR, B.: The influence of admixing sweet cream buttermilk to buffalo milk on quality of chhana production	57-60
MAGALHÃES, R., SILVA, J., ALMEIDA, G., TEIXEIRA, P.: <i>Cronobacter sakazakii</i> in powdered infant formula on sale in Portugal and its behaviour at different temperatures after reconstitution	61-63
MIEŽELIENĖ, A., ALENČIKIENĖ, G., ZABORSKIENĖ, G., GARNIENĖ, G.: Effect of fat origin on sensory and physicochemical characteristics of sour cream	64-67
YADAV, N., MANN, B., SAINI, P., KUMAR, R.: Antioxidant properties of whey protein hydrolysates prepared using heat denatured whey proteins	67-70
WIŚNIOWSKA, K., GRZEŠKIEWICZ, A., JANKOWSKA, A., REPS, A.: Feasibility of frozen storage of Gouda cheese	71-73
GUO, L., VAN HEKKEN, D. L., TOMASULA, P. M., TUNICK ¹ , M. H., HUO, G.: Effect of salt on microbiology and proteolysis of Queso Fresco Cheese during storage	74-77
MADADLOU, A., MOUSAVI, M.E., EMAM-DJOMEH, Z., SHEEHAN, D.: Dual-frequency sonication for disrupting the self-assembled casein nanoparticles	78-81
LOCCI, F., GHIGLIETTI, R., FRANCOLINO, S., IĒZZI, R., MUCCHETTI, G.: Effect of stretching with brine on the composition and yield of high moisture Mozzarella cheese	81-85
Referate, Kurzberichte, Schnellinformationen / Abstracts, Short Information	86-115
Impressum	115