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## **Recent Papers**

M Moussa, A Ponrajan, OH Campanella, MR Okos, MM Martinez, BR Hamaker. 2022. Novel pearl millet couscous process for West African markets using a low-cost single-screw extruder. International Journal of Food Science & Technology, 57:4594-4601. https://doi.org/10.1111/ijfs.15797.

H Faridi, A Arabhosseini, G Zarei, M Okos. 2021. Degree-Day Index for Estimating the Thermal Requirements of a Greenhouse Equipped with an Air-Earth Heat Exchanger System. Journal of Agricultural Machinery 11 (1), 83-95.

H Faridi, A Arabhosseini, G Zarei, M Okos. 2020. Design Parameteres of an Earth-Air Heat Exchanger with a Square Cross Section-Case Study: Greenhouse. Agricultural Mechanization and Systems Research 21 (76), 17-32.

A Ponrajan, T Tonner, M Okos, O Campanella, G Narsimhan. 2020. Comparing inline extrusion viscosity for different operating conditions to offline capillary viscosity measurements. Journal of Food Process Engineering 43 (5), e13199.

H Faridi, A Arabhosseini, G Zarei, M Okos. 2019. Utilization of Soil Temperature Modeling to Check the Possibility of Earth-Air Heat Exchanger for Agricultural Building. Iranian (Iranica) Journal of Energy & Environment 10 (4), 260-268.

RM Peart, R Brook, MR Okos. 2019. Energy requirements for various methods of crop drying. Handbook of energy utilization in agriculture, 49-54.

MR Okos, O Campanella, G Narsimhan, RK Singh, AC Weitnauer. 2018. Food dehydration. Handbook of Food Engineering, 799-950.

DR Heldman, DB Lund, C Sabliov. 2018. Handbook of food engineering. CRC press.

JM Weber, KN Ryan, R Tandon, M Mathur, T Girma, M Steiner-Asiedu, F Saalia, S Zaidi, S Soofi, M Okos, SA Vosti, MJ Manary. 2017. Acceptability of locally produced ready-to-use therapeutic foods in Ethiopia, Ghana, Pakistan and India. Maternal & child nutrition 13 (2), e12250.

DN Hauersperger, MR Okos, T Tonner. 2017. Analysis of the Flow Behaviors of Corn Meal during Extrusion. Purdue Summer Undergraduate Research Fellowships.

WH Lee, MR Okos. 2016. Model-based analysis of IGF-1 effect on osteoblast and osteoclast regulation in bone turnover. Journal of Biological Systems 24 (01), 63-89.

S Kelkar, CJ Boushey, M Okos. 2015. A method to determine the density of foods using X-ray imaging. Journal of food engineering 159, 36-41.

S Eckhoff, M Okos. 2015. Solar energy heat storage for home, farm and small business: suggestions on selecting and using thermal storage materials and facilities. Purdue Cooperative Extension Service AE-89.

PJ Slininger, BS Dien, JM Lomont, RJ Bothast, MR Ladisch, MR Okos. 2014. Evaluation of a kinetic model for computer simulation of growth and fermentation by Scheffersomyces (Pichia) stipitis fed D-xylose. Biotechnology and bioengineering 111 (8), 1532-1540.

I Demirkesen, S Kelkar, OH Campanella, G Sumnu, S Sahin, M Okos. 2014. Characterization of structure of gluten-free breads by using X-ray microtomography. Food Hydrocolloids 36, 37-44.

DA Pai, MR Okos. 2013. Predicting the density and tensile strength of viscoelastic soy powder compacts. Journal of Food Engineering 116 (1), 184-194.