Veröffentlichungen
RELOAD Projekt

2017

Veröffentlichungen in Journals


Vorträge auf Konferenzen

K. Joedicke, S. Arendt, W. Hofacker and W. Speckle (2017); published at 6th European Drying Conference (EuroDrying 2017), Liège, Belgium: THE INFLUENCE OF PROCESS PARAMETERS ON THE QUALITY OF DRIED AGRICULTURAL PRODUCTS DETERMINED USING THE CUMULATED THERMAL LOAD

A. H. Taye, S. Arendt and W. Hofacker (2017); published at 6th European Drying Conference (EuroDrying 2017), Liège, Belgium: INFLUENCE OF PROCESSING CONDITION ON ASCORBIC ACID RETENTION OF HOT AIR DRIED POTATO SLICES

A. H. Taye and W. Hofacker (2017); published at 6th European Drying Conference (EuroDrying 2017), Liège, Belgium: EFFECT OF PROCESSING CONDITION ON DRYING KINETICS, SHRINKAGE AND MECHANICAL PROPERTIES OF HOT AIR DRIED POTATO SLICES

K. Joedicke, S. Arendt, W. Hofacker and W. Speckle (2017); published at International Week of Research, Development and Innovation (SIIDI 2017)
Bucaramanga, Colombia: ADAPTION OF THE CUMULATED THERMAL LOAD FOR THE INVESTIGATION OF THE QUALITY OF DRIED AGRICULTURAL PRODUCTS


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K. G. Erko and W. Hofacker (2017); published at 6th European Drying Conference (EuroDrying 2017), Liège, Belgium: DETERMINATION OF THERMO-PHYSICAL PROPERTIES OF POTATO DURING CONVECTIVE DRYING

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K. G. Erko, A. H. Taye and W. Hofacker (2016); published at 20th International Drying Symposium (IDS 2016), Gifu, Japan: NUMERICAL MODELING OF COUPLED HEAT AND MASS TRANSFER WITH MOVING BOUNDARY DURING CONVECTIVE DRYING OF POTATO SLICES

Poster auf Konferenzen

A. H. Taye and W. Hofacker (2016); published at 20th International Drying Symposium (IDS 2016), Gifu, Japan: NEW METHOD FOR GLASS TRANSITION TEMPERATURE DETERMINATION OF POTATOES
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S. Arendt, W. Hofacker and W. Speckle (2015); published at 19th International Drying Symposium (IDS 2014), Lyon, France: QUALITY ANALYSIS OF FRESH AND DRIED TOMATOES

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A.-M. Nuñez Vega, C. Rombach and W. Hofacker (2014); published at International Conference on Science and Technology of Drying 2014, National University of Colombia, Bogotá, Colombia: APPLE DRIYING WITH DIFFERENT AIR ROUTINGS: IMPACT ON THE DRYING BEHAVIOR OF APPLE SLICES

W. Hofacker (2014); published at InnoBand, Innovationstage 2014 der Bundesanstalt für Landwirtschaft und Ernährung, Bonn, Germany: ENTWICKLUNG EINES DIGITAL, NACH PRODUKTQUALITÄT UND –FEUCHTE GEREGELTEN TROCKNUNGSPROZESSES FÜR AGRARPRODUKTE
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B. Sturm, S. Hugenschmidt, S. Joyce, W. Hofacker and A. P. Roskilly (2012); published at Applied Thermal Engineering, ProTem Special Issue (1st review), 2012: OPPORTUNITIES AND BARRIERS FOR EFFICIENT ENERGY USE IN A MEDIUM SIZED BREWERY

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B. Sturm, A.-M. Nuñez Vega, W. Hofacker and O. Hensel (2012); published at International Conference of Agricultural Engineering First Symposium CFD Applications in Agriculture - ‘Agriculture & Engineering for a Healthier Life’ (CIGR-AgEng2012), Valencia, Spain: INFLUENCE OF AIR VELOCITY ON DRYING KINETICS AND PRODUCT QUALITY IN DRYING OF APPLES

B. Sturm, M. Maier, S. Joyce and A. P. Roskilly (2012); published at 4th International Conference on Applied Energy (ICAE 2012), Suzhou, China: DEPENDENCY OF PRODUCTION PLANNING ON AVAILABILITY OF THERMAL ENERGY IN COMMERCIAL GREEN HOUSES

A.-M. Nuñez Vega, B. Sturm and W. Hofacker (2012); published at 18th International Drying Symposium (IDS 2012), Xiamen, China: SIMULATION OF THE CONVECTIVE DRYING PROCESS WITH AUTOMATIC CONTROL OF SURFACE TEMPERATURE

A.-M. Nuñez Vega and W. Hofacker (2012); published at 6th International Conference on Food and Tourism (BIOATLAS 2012), Barsov, Romania: DETERMINING THE TEMPERATURE AND MOISTURE DISTRIBUTION IN APPLE SLICES DURING THE DRYING PROCESS

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D.W. Wu, B. Sturm, S. Hugenschmidt and A.P. Roskilly (2012); published at Applied Thermal Engineering, ProTem Special Issue (1st review), 2012: PROCESS OPTIMISATION OF BREWERY PLANT WITH BIOGAS FIRED CHP/TRIGENERATION

B. Sturm, W. Hofacker and O. Hensel (2012); published at Journal of Food Engineering (in preparation), 2012: INFLUENCE OF AIR VELOCITY ON DRYING KINETICS AND PRODUCT QUALITY IN DRYING OF SENSITIVE PRODUCTS

B. Sturm, W. Hofacker and O. Hensel (2012); published at Drying Technology (2nd review), 2012: OPTIMIZING THE DRYING PARAMETERS FOR HOT AIR DRIED APPLES

S. Hugenschmidt and W. Hofacker (2011); published at the 22nd DAAAM World Symposium, Austria Center Vienna, Vienna, Austria, November 2011: NUMERICAL SIMULATION OF THE CONVECTIVE DRYING OF APPLE SLICES
S. Hugenschmidt and W. Hofacker (2011); published at the Nordic Drying Conference, Helsinki, Finland, June 2011: AN APPROACH TO DETERMINE THE TEMPERATURE AND MOISTURE DISTRIBUTION IN APPLE SLICES DURING THE DRYING PROCESS

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