



# BIBLIOGRAFI HASIL PENELITIAN TEKNOLOGI PASCAPANEN TANAMAN PANGAN



**PUSAT PERPUSTAKAAN DAN PENYEBARAN TEKNOLOGI PERTANIAN**  
**Badan Penelitian dan Pengembangan Pertanian**  
**Kementerian Pertanian**

2013

# **Bibliografi**

## **Hasil Penelitian Teknologi**

## **Pascapanen Tanaman Pangan**

### **2008-2013**

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Badan Penelitian dan Pengembangan Pertanian  
Kementerian Pertanian  
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PASCAPANEN TANAMAN PANGAN**

**2013**

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**BIBLIOGRAFI**  
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## **KATA PENGANTAR**

Bibliografi Hasil Penelitian Teknologi Pascapanen Tanaman Pangan 2008-2013 disusun dan disebarluaskan kepada para pengguna di lingkup Badan Penelitian dan Pengembangan Pertanian, agar pengguna dapat mengetahui dan mengikuti perkembangan penelitian pertanian di berbagai negara, sehingga dapat dijadikan rujukan untuk penelitian dan pengembangan pertanian di tanah air.

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Kepala Pusat,

**Ir. Gayatri K. Rana, M.Sc**

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- 59** Consumer acceptability of yellow maize products in Zimbabwe/ Tawanda Muzhingi, Augustine S. Langyintuo, Lucie C. Malaba, Marianne Banziger  
*Food Policy*, Volume 33, Issue 4, August 2008, p. 352-361, ISSN 0306-9192  
**Keywords:** Vitamin A deficiency; Household income; Organoleptic characteristic; Probit model; Nutrition education
- 60** Crop model based decision support for maize (*Zea mays L.*) silage production in Portugal/ R.P. Braga, M.J. Cardoso, J.P. Coelho  
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**Keywords:** Maize silage; CERES Maize; Decision support; Planting date; FAO maize hybrid
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*Biomass and Bioenergy*, Volume 32, Issue 7, July 2008, p. 603-612, ISSN 0961-9534  
**Keywords:** Biomass; Feedstock; Lignocellulose; Monte carlo; Zea mays
- 62** Efficacy of gamma irradiation for protection against postharvest insect damage and microbial contamination of adlay/ Hsiao-Wei Wen, Hsiao-Ping Chung, Ya-Ting Wang, Po-Chow Hsieh, I-Hsin Lin, Fong-In Chou  
*Postharvest Biology and Technology*, Volume 50, Issues 2–3, November 2008, p. 208-215, ISSN 0925-5214

**Keywords:** Adlay; Microbial decontamination; Insect damage; Gamma irradiation

- 63 Engineering process and cost model for a conventional corn wet milling facility/ Edna C. Ramirez, David B. Johnston, Andrew J. McAlloon, Winnie Yee, Vijay Singh

*Industrial Crops and Products*, Volume 27, Issue 1, January 2008, p. 91-97, ISSN 0926-6690

**Keywords:** Corn; Wet milling; Coproducts; Technical cost model; Process simulation; Economics

- 64 Film forming capacity of chemically modified corn starches/ Olivia V. López, María A. García, Noemí E. Zaritzky

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**Keywords:** Film forming capacity; Chemically modified corn starch films; Plasticizer; Water vapor permeability; Mechanical properties

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**Keywords:** Zea mays; Adaptation; Short season

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- 67** Optimal management of molds in stored corn/ Yigezu A. Yigezu,  
 Corinne E. Alexander, Paul V. Preckel, D.E. Maier, C.P. Woloshuk,  
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**Keywords:** Mold management; Stored corn; Expected profitability;  
 Integrated pest management; Monitoring; Aeration;  
 Stochastic dynamic programming
- 68** Reactive dicarbonyl compounds and 5-(hydroxymethyl)-2-furfural in  
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 Shiming Li, Yu Wang, Di Tan, Min-Hsiung Pan, Shengmin Sang, Chi-Tang Ho  
*Food Chemistry*, Volume 107, Issue 3, 1 April 2008, p. 1099-1105,  
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**Keywords:**  $\alpha$ -Dicarbonyl compounds; Carbonated soft drink; High  
 fructose corn syrup; Glyoxal; Methylglyoxal; 3-  
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**Keywords:** Maize; Storage; Corn; Dry matter loss; Damage kernel  
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Kevin J. Kennedy, Juan Marin, Benjamin Strehler  
*Bioresource Technology*, Volume 102, Issue 2, January 2011, p. 1079-1086, ISSN 0960-8524

**Keywords:** Anaerobic digestion; Corn whole stillage; Bioethanol; Mesophilic; Thermophilic

- 71 Glass transition behavior of corn distillers dried grains with solubles (DDGS)/ A.R.P. Kingsly, K.E. Ileleji

*Journal of Cereal Science*, Volume 54, Issue 3, November 2011, p. 332-338, ISSN 0733-5210

**Keywords:** Distillers dried grains with solubles (DDGS); Glass transition; Caking; Plasticizers; Artificial neural network

- 72 Structural and physical modifications of corn biscuits during baking process/ E. Lara, P. Cortés, V. Briones, M. Perez

*LWT - Food Science and Technology*, Volume 44, Issue 3, April 2011, p. 622-630, ISSN 0023-6438

**Keywords:** Image analysis; Computer vision; Corn flour; Baking; Biscuits

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- 73 Influence of hydroxypropylmethylcellulose addition and homogenization conditions on properties and ageing of corn starch based films/ Alberto Jiménez, María José Fabra, Pau Talens, Amparo Chiralt

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- Keywords:** Methods and Techniques; Nutrition; Animal Husbandry; Growth Performance; carcass characteristics; feed efficiency; dry matter intake; diet formulation; steam-flaked corn; ground alfalfa hay; corn distillers grain
- 76 Effect of Bt-corn on soil invertebrates, soil microbial community and decomposition rates of corn post-harvest residues under field and laboratory conditions/ Frouz-J. Elhottova-D. Helingerova-M. Kocourek-F  
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- Keywords:** Crop-residues; Decomposition; Maize; Microbial-flora; Populations; Soil- Fauna; Soil-flora; Soil-invertebrates
- 77 Effects of feeding rice in substitution of corn and the degree of starch gelatinization of rice on the digestibility of dietary components and productive performance of young pigs/ Vicente-B. Valencia-D-G. Perez-Serrano-M. Lazaro-R. Mateos-G-G.  
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- 78 Evaluation of quantitative and qualitative losses of the cutting process for sweet corn kernels/ Szymanek-M  
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**Keywords:** Biochemistry and molecular biophysics inhibitory action
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**Keywords:** Bioenergy; Biomass; Energy-sources; Maize-stover; Models; Moulds; Renewable-energy; Sorption-isotherms; Storage
- 81** Optimal management of molds in stored corn / Yigezu-Y-A. Alexander-C-E. Preckel-P-V. Maier-D-E. Woloshuk-C-P. Mason-L-J. Lawrence-J. Moog-D-J  
*Agricultural Systems*. 2008. 98 (3). p. 220-227 ISSN: 0308-521X  
**Keywords:** Maize; Mathematical-models; Moulds; Seeds; Storage-decay; Storage-quality
- 82** Residual weeds of processing sweet corn in the north central region/ Williams-M-M-II. Rabaey-T-L. Boerboom-C-M  
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**Keywords:** Biodiversity; Density.; ; Herbicides; Maize; Millets; Pesticides; Population-density; Species-diversity; Sweetcorn; Vegetable-growing; Vegetables; Weeds; Yield-losses; Yields
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**Keywords:** Methods and techniques; Agronomy
- 84** Technical Note: Effect of Sample Processing Procedures on Measurement of Starch in Corn Silage and Corn Grain/ Hall-M-B.. Mertens-D-R  
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- 85** Performance and digestibility characteristics of finishing diets containing distillers grains, composites of corn processing coproducts, or supplemental corn oil / Pol-K-J-Vande. Luebbe-M-K. Crawford-G-I. Erickson-G-E, Klopfenstein-T-J  
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- 86** Single-pass harvest of corn grain and stover: performance of three harvester configurations / Shinners-K-J. Boettcher-G-C. Hoffman-D-S. Munk-J-T. Muck-R-E. Weimer-P-J  
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**Keywords:** Chisel-ploughs; Chiselling; Combine-harvesters; Farm-equipment; Harvesters; Harvesting; Husks; Leaves; Maize; Maize-cobs; Maize-ears; Maize-stover; Ploughing; Storage

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*Journal of Economic Entomology.* 2010. 103 (1). p. 197-202 ISSN: 0022-0493  
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- 88** Evaluation of in vitro gas production and rumen bacterial populations fermenting corn milling (co)products/ Williams-W-L. Tedeschi-L-O. Kononoff-P-J. Callaway-T-R. Dowd-S-E. Karges-K. Gibson-M-L  
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**husbandry; Feed quality; Fermentation kinetics; Fermentation rate; availability; Rumen bacterial population; x; Lactate-utilizing bacterial guild**

- 89** Feasibility of organic weed management in sweet corn and snap bean for processing/ Johnson-H-J. Colquhoun-J-B. Bussan-A-J. Rittmeyer-R-A  
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**Keywords:** Application; Biomass; Control; Crop-yield; Cultivation; Herbicides; Interrow-cultivation; Maize; Pesticides; Seedbeds; Sweetcorn; Tillage; Utilization; Vegetable-growing; Weed-control; Weeds; Yields
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**Keywords:** Biofuels; x; Degradation; Enzymes; Ethanol; Ethanol-production; Hydrolysis; Maize-stover; x; Particle-size; Pretreatment; Storage; Stover; Waste-utilization; Yields
- 92** Natural binders and solid bridge type binding mechanisms in briquettes and pellets made from corn stover and switchgrass/ Kaliyan-N. Morey-R-V  
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**Keywords:** Binders; Biomass; Briquettes; Briquetting; Costs; Electron- microscopy; x; Fuels; Handling; Microscopy; Particles; Pelleting; Pellets; Renewable-energy; Scanning-electron-microscopy; Storage; Stover

- 93** Status of post harvest technology of agricultural crops in Sri Lanka/  
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**Keywords:** Aubergines; Bananas; Beetroots; Black-gram;  
Cabbages; Carrots; Cassava; Chillies; Cowpeas;  
Cucumbers; Finger-millet; Food-crops; Ginger; Grain-crops;  
Green-gram; Groundnuts; Harvesters.;Leeks;  
Maize; Mangoes; Marketing; Millets; Onions;  
Pineapples; Postharvest-losses; Postharvest-systems;  
Postharvest-treatment; Potatoes; Pumpkins; Rice;  
Soyabeans; Sweet-potatoes; Threshing; Threshing-machines; Tomatoes
- 94** Succinic acid production from corn stover by simultaneous  
saccharification and fermentation using *Actinobacillus succinogenes*  
*Bioresource Technology.* 2010. 101 (20). p. 7889-7894 ISSN: 0960-  
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**Keywords:** Bioreactors; Cellulase; Fermentation; Maize-stover;  
Pretreatment; Stover; Succinic-acid
- 95** Development of power tiller operated groundnut harvester  
/Suryawanshi-S-H. Kathirvel-K. Shridar-B  
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2008. 39 (3). p. 29-32 ISSN: 0084-5841  
**Keywords:** Cost analysis; Design; Equipment performance;  
Groundnut harvesters; Groundnuts; Harvesting;  
Prototypes; Rotary Cultivators Arachis;  
Papilionoideae; Fabaceae; Fabales; Dicotyledons;  
Angiosperms; Spermatophyta; Plants; Eukaryotes

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### PROQUEST 2010

- 96 An Evaluation of Groundnut Processing by Women in a Rural Area of North Central Nigeria/Ibrahim, Hussaini Yusuf; Saingbe, Napoleon D; Ibrahim, Hassan Ishaq.  
*Journal of Agricultural Science* 2. 1 (Mar 2010): 206-212.  
ISSN.19169752.
- Keywords:** Data envelopment analysis; Efficiency; Studies; Economic models
- 97 Effect of storage on the physicochemical, functional and rheological properties of **taro** (colocasia esculenta) flour and paste/Aboubakar; Njintang, Yanou Nicolas; Nguimbou, Richard Marcel; Scher, Joël; Mbofung, Carl Moses  
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- Keywords:** Acids; Food science; Methods; Temperature
- 98 Heat and mass transfer in deep-frying of pumpkin, sweet potato and taro/Ahromrit, Araya; Nema, Prabhat K.  
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- Keywords:** Sweet Potato; Taro; Postharvest technology
- 99 Q-TARO: QTL Annotation Rice Online Database/Yonemaru, Junichi; Yamamoto, Toshio; Fukuoka, Shuichi; Uga, Yusaku; Hori, Kiyosumi  
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- Keywords:** Rice; Onlinedatabases; Genomics; Genetic markers; Quantitative genetics

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Resnik-S-L. Etcheverry-M-G  
*Food Chemistry.* 2008. 106 (2). p. 691-697 ISSN: 0308-8146  
**Keywords:** Antioxidant properties; Antioxidants; Butylated hydroxyanisole; Butylated hydroxytoluene; Chemical treatment; Emulsions; Food contamination; Food preservatives; Food processing; Food quality; Food safety; Food storage; Groundnuts; Harvesting; Residues; Seeds arachis; Papilionoideae; Fabaceae; Fabales; Dicotyledons; Angiosperms; Spermatophyta; Plants; Eukaryotes
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**Keywords:** Agricultural-wastes; Bulk-density; Durability; Groundnut-husks; Groundnuts; Moisture-content; Particle-density; Pelleting; Physical- Properties; Pods; Relative-humidity; Temperature
- 102** Residue levels of food-grade antioxidants in postharvest treated in-pod peanuts during five months of storage/ Passone-M-A. Funes-G-J.  
Resnik-S-L. Etcheverry-M-G  
*Food Chemistry.* 2008. 106 (2). P .691-697 ISSN: 0308-8146  
**Keywords:** Antioxidant properties; Antioxidants; Butylated hydroxyanisole; Butylated hydroxytoluene; Chemical treatment; Emulsions; Food contamination; Food preservatives; Food processing; ; Food safety; Food storage; Groundnuts; harvesting; residues; seeds Arachis; Papilionoideae; Fabaceae; Fabales; dicotyledons; Angiosperms; Spermatophyta; Plants; Eukaryotes

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*British Food Journal* 111. 4 (2009): 376-386.

ISSN.0007070X.

**Keywords:** Developing countries; Nutrition; Minerals; Food; Amino acids; Statistical analysis

- 104** Development and quality evaluation of low-cost, high-protein weaning food types: Prowena and Propalm from soybean (*Glycine max*), groundnut (*Arachis hypogea*) and crayfish (*Macrobrachium spp*)/Omueti, Olusola; Jaiyeola, Olayinka; Otegbayo, Bolanle; Ajomale, Kayode; Afolabi, Olukayode.

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**Keywords:** Studies; Baby foods; Babies; Product development; Nutrition

- 105** Comparison of nutritional composition and anti-nutrient status of fermented, germinated and roasted bambara groundnut seeds (*vigna subterranea*)/Oluwole, Steve Ijarotimi; Taiwo Ruth Esho.

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*PLoS One* 5. 3 (Mar 2010).

ISSN.

**Keywords:** Proteins;Enzymes;Defense mechanisms; Experiments; Mutation; Lifesciences Genes RNA polymerase

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- 108** Fatty Acids, Tocopherols and Sterols of Cephalocroton cordofanus in Comparison with Sesame, Cotton, and Groundnut Oils/Mariod, Abdalbasit; Matthäus, Bertrand; Hussein, Ismail H.

*JAOCs, Journal of the American Oil Chemists' Society* 88. 9 (Sep 2011): 1297-1303.

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**Keywords:** Oils & fats;Lipids;Fatty acids

- 109** Quality of products containing defatted groundnut cake flour/Purohit, Chitra; Rajyalakshmi, Peram.

*Journal of Food Science and Technology* 48. 1 (Feb 2011): 26-35.

ISSN.00221155.

**Keywords:** Product quality; Food science; Product life cycle; Studies; Dietary supplements

- 110** Jasmonic Acid-Mediated-Induced Resistance in Groundnut (*Arachis hypogaea* L.) Against *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae)/War, Abdul Rashid; Paulraj, Michael Gabriel; War, Mohd Yousf; Ignacimuthu, Savarimuthu.

*Journal of Plant Growth Regulation* 30. 4 (Dec 2011): 512-523

ISSN.07217595.

**Keywords:** Groundnut; Helicoverpa armigera processing; Jasminic Acid

- 111** Fatty Acids, Tocopherols and Sterols of Cephalocroton cordofanus in Comparison with Sesame, Cotton, and Groundnut Oils/Mariod, Abdalbasit; Matthäus, Bertrand; Hussein, Ismail H.

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ISSN.

**Keywords:** Proteins; Transgenicplants; Colleges & universities; Aminoacids; Experiments; Food; Cassava; Microscopy

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**Keywords:** Studies; Peanuts; Food quality; Food science

- 114** Characteristics of Oil from Seeds of 4 Mungbean [*Vigna radiata* (L.) Wilczek] Cultivars Grown in Pakistan/Zia-Ul-Haq, Muhammad; Ahmad, Mansoor; Iqbal, Shahid.

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ISSN.0003021X.

**Keywords:** Studies; Chinese medicine; Fattyacids; Nutrition; Diet; VitaminB; Croprotation; Bloodclots; Aminoacids

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R.B. Jones

*International Journal of Food Microbiology*, Volume 130, Issue 1, 15 March 2009, p. 27-34, ISSN 0168-1605

**Keywords:** Aflatoxin; Mycotoxins; Kenya; Groundnuts

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- 116** Control of *Tribolium Confusum* J. Du Val by diatomaceous earth (Protect-IT) on stored groundnut (*arachis hypogaea*) and *aspergillus flavus* link spore dispersal/ Mohale-S. Allotey-J. Siame-B-A. *African Journal of Food, Agriculture, Nutrition and Development.* 2010. 10 (6). p.2678-2694  
**Keywords:** Groundnut; *Tribolium-confusum*; Diatomaceous-earth
- 117** Quality evaluation of beef patties formulated with bambara groundnut (*Vigna subterranean L.*) seed flour/ Alakali-J-S. Irtwange-S-V. Mzer-M-T *Meat Science.* 2010. 85 (2). p. 215-223 ISSN: 0309-1740  
**Keywords:** Food quality; Cooking yield; Moisture retention; Seed; Storage condition, Beef patties; Food sensory characteristics; Food microbiological characteristics; Food physico-chemical; Characteristics; Food; Refrigerated storage
- 118** Status of post harvest technology of agricultural crops in Sri Lanka/ Dissanayake-T-M-R. Jain-N-K *AMA, Agricultural Mechanization in Asia, Africa and Latin America.* 2010. 41 (4). p. 17-23 ISSN: 0084-5841  
**Keywords:** Aubergines; Bananas; Beetroots; Black-gram; Cabbages; Carrots; Cassava; Chillies; Cowpeas; Cucumbers; Finger-millet; Food-crops; Ginger; Grain-crops; Green-gram; Groundnuts; Harvesters; Leeks; Maize; Mangoes; Marketing; Millets; Onions; Pineapples; Postharvest-losses; Postharvest- systems; Postharvest-treatment; Potatoes; Pumpkins; Rice; Soyabeans; Sweet-potatoes

## **KEDELAI**

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*Biology and Fertility of Soils*, 44(4), 581-588, 2008  
ISSN.01782762.

**Keywords:** Emissions; Nitric oxide; Soils; Soybeans; Studies

- 120** Deacidification of Soybean Oil Using Membrane Processing and Subcritical Carbon Dioxide/Lai, Louise L; Soheili, Kambiz C; Artz, William E.  
*JAOCS, Journal of the American Oil Chemists' Society* 85. 2 (Feb 2008): 189-196.  
ISSN.0003021X.

**Keywords:** Oils&fats; Carbondioxide; Viscosity; Temperature; Membrane separation; Chemicals; Soybeans

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**Keywords:** Soybeans; Moisturecontent; Enzymes; Environmental regulations; Efficiency

- 122** Ourier Transform Near Infrared Spectroscopy as a Quality Control Tool for the Analysis of Lecithin and By-Products During Soybean Oil Processing/Li, Hui; Goulden, Mark; Cocciardi, Robert; Hughes, Jan.  
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**Keywords:** Oils&fats; Studies; Fattyacids; Vegetableoils;

**Petroleumrefineries; Methodsanufacturing;  
Fouriertransforms; Foodproducts; Dairyproducts;  
Calibration**

- 123** Two-Stage Countercurrent Enzyme-Assisted Aqueous Extraction Processing of Oil and Protein from Soybeans/de Moura, Juliana Maria Leite Nobrega; Johnson, Lawrence A.  
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**Keywords:** **Soybeans;** **Ratios;** **Oilrecovery;** **Moisture ntent;** **Enzymes;** **Environmental regulations;** **Efficiency**
- 124** Gene Expression and Isoflavone Concentrations in Soybean Sprouts Treated with Chitosan/Chen, Huilan; Seguin, Philippe; Archambault, Annie; Constan, Lea; Jabaji, Suha  
*Crop Science*, 49(1), 224-236, 2009  
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**Keywords:** **Proteins;** **Soy products;** **Studies;** **Vitamin C**

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**Keywords:** **Proteins;** **Soybeans;** **Temperature;** **Peptides;** **Molecular weight;** **Moisture content;** **Environmental regulations**
- 126** Manipulation of amino acid composition in soybean seeds by the combination of deregulated tryptophan biosynthesis and storage protein deficiency/Kita, Yoichi; Nakamoto, Yumi; Takahashi, Masakazu; Kitamura, Keisuke; Wakasa, Kyo;  
*Plant Cell Reports* 29. 1 (Jan 2010): 87-95.  
ISSN.07217714.  
**Keywords:** **Amino Acids;** **Seed Storage Proteins;** **Tryptophan;** **Nitrogen;** **Anthranilate Synthase**

## 2011

- 127 Separation of FFA from Partially Hydrogenated Soybean Oil Hydrolysate by Means of Membrane Processing/Jala, Ram Chandra; Reddy; Guo, Zheng; Xu, Xuebing.  
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ISSN.0003021X.
- Keywords:** **Hydrogenation; Vegetable oils; Trans fats; Fatty acids; Membranes**
- 128 Protein Recovery in Aqueous Extraction Processing of Soybeans Using Isoelectric Precipitation and Nanofiltration/de Moura, J M; L N; Campbell, K; de Almeida, N M; Glatz, C E; Johnson, L A.  
*JAOCs, Journal of the American Oil Chemists' Society* 88. 9 (Sep 2011): 1447-1454.  
ISSN.0003021X.
- Keywords:** **Soybeans; Aqueouschemistry; Nanoscience; Proteins Extraction processes**
- 129 Advances in Aqueous Extraction Processing of Soybeans/Campbell, K A; Glatz, C E; Johnson, L A; Jung, S; de Moura, J M **NJAOCs**,  
*Journal of the American Oil Chemists' Society* 88. 4 (Apr 2011): 449-465.  
ISSN.0003021X.
- Keywords:** **Soybeans; Polypeptides; Volatileorganic compounds-- VOCs; Enzymes; Oil recovery; Methods**
- 130 Protein Extraction and Membrane Recovery in Enzyme-Assisted Aqueous Extraction Processing of Soybeans/de Moura, J M L N; Campbell, K; de Almeida, N M; Glatz, C E; Johnson, L A.  
*JAOCs, Journal of the American Oil Chemists' Society* 88. 6 (Jun 2011): 877-889. ISSN.0003021X.
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- 131 Soybeans. Chemistry, Production, Processing and Utilization/Shanmugasundaram, S; Johnson; White; Galloway, L A ;

P J ; R.

*Experimental Agriculture* 47. 1 (Jan 2011): 176-176.

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**Keywords:** Chemistry; Production; Processing

- 132** Influence of storage and packaging conditions on the quality of soy flour from sprouted soybean/Agrahar-murugkar, Dipika; Jha, Krishna.

*Journal of Food Science and Technology* 48. 3 (Jun 2011): 325-328.

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**Keywords:** International; Studies; Foodscience; Soyproducts; Storage; Food packaging

- 133** Silencing of Soybean Seed Storage Proteins Results in a Rebalanced Protein Composition Preserving Seed Protein Content without Major Collateral Changes in the Metabolome and Transcriptome[W][OA]/Schmidt, Monica A; Barbazuk, W Brad; Sandford, Michael; May, Greg; Song, Zhihong

*Plant Physiology* 156. 1 (May 2011): 330-45.

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**Keywords:** Metabolome; Transcriptome

## 2012

- 134** Chemical and Protein Quality of **Soybean** (*Glycine max*) and Tigernut (*Cyperus esculentus*) Based Weaning Food/Ikpeme-Emmanuel, C A; Ekpeyoung, I O; Igile, G O

*Journal of Food Research*,1(2), 246-254, 2012

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**Keywords:** Nuts; Proteins; Soybeans; Studies; Weaning

- 135** Twin-screw Extrusion Processing of Vegetable-based Protein Feeds for Yellow Perch (*Perca flavescens*) Containing Distillers Dried Grains, Soy Protein Concentrate, and Fermented High Protein Soybean Meal/Fallahi, Parisa; Muthukumarappan, Kasiviswanathan; Rosentrater, Kurt A; Brown, Michael L.

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- 136** Oxidative stability of soybean oil added to *Lentinus edodes* and *Agaricus blazei* mushrooms extracts in an accelerated storage test/da Silva, Ana Carolina; Neuza Jorge.  
*Nutrition and Food Science* 42. 1 (2012): 34-40.

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**Keywords:** Oils&fats; Fattyacids; Vegetable oils; Mushrooms; Soybeans; Food

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- 137** Moisture Variation and Modeling of Cotton and Soybean Seeds under Different Storage Conditions/ Ing wang, Peng jiang, Dong li,Qiang ma, Shu-jin tai, Zhen-peng zuo, Qing-quan sun, Iu-hao dong  
*Acta Agronomica Sinica*, Volume 36, Issue 7, July 2010, Pages 1161-1168, ISSN 1875-2780,

**Keywords:** seed storage; moisture absorption and desorption; equilibrium moisture; initial moisture content

## **2011**

- 138** Influence of roasting on the antioxidant activity of small black soybean (*Glycine max L. Merrill*)/ Hyo Geun Kim, Gi Won Kim, Hyein Oh, Se Young Yoo, Young Ock Kim, Myung Sook Oh,  
*LWT - Food Science and Technology*, Volume 44, Issue 4, May 2011, Pages 992-998, ISSN 0023-6438

**Keywords:** Black soybean; Roasting; Antioxidant activity; MRPs; PC12

- 139** Net energy balance of small-scale on-farm biodiesel production from canola and soybean/ Seth R. Fore, Paul Porter, William Lazarus,  
*Biomass and Bioenergy*, Volume 35, Issue 5, May 2011, Pages 2234-2244, ISSN 0961-9534,

**Keywords:** Biofuels; Biodiesel; Small-scale; Energy balance; Net energy ratio

## 2012

- 140** Chemical composition of solid waste and effect of enzymatic oil extraction on the microstructure of soybean (*Glycine max*)/ Ângela Angeloni Rovaris, Carollinne Odebrecht Dias, Iria Pedroso da Cunha, Rejane Maria Cirra Scaff, Alicia de Francisco, Carmen L.O. Petkowicz, Edna Regina Amante,  
*Industrial Crops and Products*, Volume 36, Issue 1, March 2012, Pages 405-414, ISSN 0926-6690,

**Keywords:** Chemical characterization; Extraction; Enzymes; *Glycine max*; Residues; Microscopy

- 141** Soy protein isolate/poly(lactic acid) injection-molded biodegradable blends for slow release of fertilizers/ Luciane Calabria, Nathália Vieceli, Otávio Bianchi, Ricardo Vinicius Boff de Oliveira, Iraja do Nascimento Filho, Vanessa Schmidt  
*Industrial Crops and Products*, Volume 36, Issue 1, March 2012, Pages 41-46, ISSN 0926-6690,

**Keywords:** Release; Fertilizer; Soy protein isolate; Poly(lactic acid); Biodegradable blends; Melt processing

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- 142** Effects of particle size and heating time on thiobarbituric acid (TBA) test of soybean powder/ Youn-Ju Lee, Won-Byong Yoon  
*Food Chemistry*, Volume 138, Issues 2–3, 1 June 2013, Pages 841-850, ISSN 0308-8146,

**Keywords:** Soybean; Powder; TBA test; Particle size; Diffusion model

- 143** Antioxidant activity and viability of lactic acid bacteria in soybean-yogurt made from cow and camel milk/ Amal B. Shori,  
*Journal of Taibah University for Science*, Available online 22 June 2013, ISSN 1658-3655,

**Keywords:** Soybean; Thermophilus Total phenolic content; Antioxidant activity

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*Journal of Stored Products Research.* 2008. 44 (4). p. 305-309 ISSN: 0022-474X

**Keywords:** Infection; Pesticides; Agronomy; fungal disease; etiology antifungal Potential; cow-dung fume; neern cake; pongamia cake

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**Keywords:** Crop-yield; Carvest-index; Plant-water-relations; Planting-date; Populations; Row-spacing; Soyabeans; Waterlogging

- 146** Weed seed pools concurrent with corn and soybean harvest in Illinois/ Davis-A-S

*Weed Science.* 2008. 56 (4). p. 503-508 ISSN: 0043-1745

**Keywords:** Biodiversity; Dispersal; Equipment; Maize; Seed-banks; Seeds; Soil; Soyabean; Species-diversity; Techniques; Weeds

**2009**

- 147** Fumigation with essential oil of mustard retards fungal growth and accumulation of ergosterol and free fatty acid in stored shelled groundnuts/ Dhingra-O-D. Jham-G-N. Rodrigues-F-A.Silva-G-J-Jr. Costa-M-L-N

*Journal of Stored Products Research.* 2009. 45 (1). P. 24-31 ISSN: 0022-474X

**Keywords :** Methods and Techniques; Biochemistry and Molecular Biophysics; Foods economic loss: Synthetic food: Colony-forming units

- 148** Harvest anticipation on the physiological quality of soybean seeds/

Terasawa-J-M. Panobianco-M. Possamai-E. Koehler-H-S  
*Bragantia*. 2009. 68 (3). p. 765-773 ISSN: 0006-8705

**Keywords:** **Cultivars; Harvesting-date; Moisture-content; Seed-germination; Seed-Quality; Seed-testing; Seeds; Soyabeans; Viability; Vigour**

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- 149** Monitoring the restart-up of an upflow anaerobic sludge blanket (UASB) reactor for the treatment of a soybean processing wastewater / Dong-Fang. Zhao-QuanBao. Zhao-JinBao. Sheng-GuoPing. Tang-Yong. Tong-ZhongHua. Yu-HanQing. Li-YuYou. Harada-H  
*Bioresource Technology*. 2010. 101 (6). p. 1722-1726 ISSN: 0960-8524

**Keywords:** **Acids; anaerobic-digesters; anaerobic-digestion; anaerobic-treatment; bioreactors; degradation; fatty-acids; fluorescence; monitoring; oxygen; sludges; soyabeans; waste-treatment; waste-water**

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- Keywords:** **Glycine max; glycinin; high-proteins seeds**

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- 151** Crude protein content in tubers of starch processing potato cultivars in dependence on different agro-ecological conditions/vliv agroekologickych podminek na obsah hrubeho proteinu v hlizach prijmyslovych odrud brambor./ Bartova, Veronika, Jan Barta, Jiri

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**Key words:** Processing potato cultivars; Potato tubers protein; Nitrogen fertilization; Agro-ecological conditions; Potato crude protein yield

- 152** Post-Harvest Deterioration of Cassava and its Control Using Extracts of Azadirachta Indica and Aframomum Melegueta/ R. N. Okigbo, Ramesh Putheti, C. T. Achusi  
*E-Journal of Chemistry* , 2009 Volume: 6 Issue: 4 Pages: 1274-1280  
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**Keywords:** Cassava; Potharvest; Processing;Extracts
- 153** A Survey of Cassava (*Manihot esculenta* Crantz) Planting Materials in Storage: A Case Study in Two Communities in the Ejisu District of Ashanti Region, Ghana/ M.K. Osei ; K.J. Taah; J.N. Berchie ; C.K. Osei  
*Journal of Agronomy*, 2009 Volume: 8 Issue: 4 Pages: 137-140  
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**Keywords:** Storage; Dehydration; Cuttings; Stems; Quality

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*Sustainability*, 2010 Volume: 2 Issue: 12 Pages: 3681-3694  
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**Keywords:** Cassava; MechanizaTion; Food security
- 155** Mould and Aflatoxin Contamination of Dried Cassava Chips in Eastern Uganda: Association with Traditional Processing and Storage Practices/A.N. Kaaya --- D. Eboku  
*Journal of Biological Sciences*, 2010 Volume: 10 Issue: 8 Pages: 718-729  
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**Keywords:** Mycotoxins; Indigenous Technology; Cassava

**products; Moisture; Fermentation**

- 156** The Effect of initial moisture content, packaging and storage period on succinate dehydrogenase and cytochrome oxidase activity of soybean seed/Aaurellia Tatipata  
*BIOTROPIA : the Southeast Asian Journal of Tropical Biology*, 2010  
Volume: 17 Issue: 1 Pages: 31-41  
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**Keywords:** **Moisture content; succinate dehydrogenase; cytochrome oxidase;soybean**

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- 157** Effect of Harvest and Cook Processing on Cyanides Content of Cassava Cultivars and Cassava-Based Dough Consumed In Lomé, Togo /T. Tchacondo, S.D. Karou, E. Osseyi, A.Agban  
*Advance Journal of Food Science and Technology*, 2011 Volume: 3 Issue: 5 Pages: 398-402  
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**Keywords:****Cassava cultivar; cyanide; dough; harvest time**

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- 158** The special cassava flour': perception and processing of a smallholder agriculture product in the Juruá River valley, Acre/ Lucia Hussak van Velthem; Esther Katz  
*Boletim do Museu Paraense Emílio Goeldi : Ciências Humanas* 2012  
Volume: 7 Issue: 2 Pages: 435-456  
ISSN/EISSN: 19818122  
**Keywords:** **Amazon; Juruá River; Public policy; Cassava flour; Material heritage**
- 159** Effect of Harvest Period on Starch Yield and Dry Matter Content from the Tuberous Roots of Improved Cassava (*Manihot esculenta* Crantz) Varieties/B.C. Ebah-Djedji, K.M. Dje, B.N`ue , G.P. Zohouri

*Pakistan Journal of Nutrition*, 2012 Volume: 11 Issue: 5 Pages: 414-418

ISSN/EISSN: 16805194

**Keywords:** Tuberous roots; Cassava; Improved varieties; Harvest; Dry matter content; Starch yield

- 160** Enzymatic Hydrolysis and Simultaneous Saccharification and Fermentation of Soybean Processing Intermediates for the Production of Ethanol and Concentration of Protein and Lipids/ Craig C. Long; William Gibbons  
*ISRN Microbiology* , 2012 Volume: 2012  
ISSN/EISSN: 20907478 20907486  
**Keywords:** Soybean; Processing; Fermentation; Ethanol
- 161** Isolation of Glycinin (11S) from Lipid-Reduced Soybean Flour: Effect of Processing Conditions on Yields and Purity/ Kequan Deng, Youru Huang, Yufei Hua  
*Molecules* , 2012 Volume: 17 Issue: 3 Pages: 2968-2979  
ISSN/EISSN: 14203049  
**Keywords:** Glycinin; Isolation; pH; Reducing agent; Store time
- 162** Scientific Opinion on application (EFSA-GMO-NL-2010-78) for the placing on the market of herbicide-tolerant, increased oleic acid genetically modified soybean MON 87705 for food and feed uses, import and processing under Regulation (EC) No 1829/2003/Monsanto  
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*EFSA Journal* , 2012 Volume: 10 Issue  
ISSN/EISSN: 18314732  
**Keywords:** GMO; soybean (Glycine max; MON 87705; herbicide tolerant; increase oleic acid; RNAi; CP4 EPSPS; human and animal health; import and processing; Regulation (EC) No 1829/2003

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- 163** Characterization of Solanum tuberosum Multicystatin and Its Structural comparison with Other Cystatins(OA)/Nissen, Mark S;

Kumar, G N Mohan; Youn, Buhyun; Knowles, D Benjamin; Lam, Ka Sum

*Plant Cell* 21. 3 (Mar 2009): 861-75.

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**Keywords:** Cystatins; Cysteine Proteinase Inhibitors; MC protein; Plant Proteins; Protein Isoforms

## 2012

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**Keywords:** Solanum tuberosum

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*Energies*, 2009 Volume: 2 Issue: 1 Pages: 134-149  
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**Keywords:** **Rice parboiling; Drying; Rice milling; Energy; Emissions**
- 166** The Inhibitory Effect of the Various Seed Coating Substances Against Rice Seed Borne Fungi and their Shelf-Life during Storage/ Pitipong Thobunluepop  
*Pakistan Journal of Biological Sciences*, 2009 Volume: 12 Issue: 16 Pages: 1102-1110  
ISSN/EISSN: 10288880 18125735  
**Keywords:** **Seed coating technology; Eugenol; Rice seed borne fungi; Antifungal activity; Shelf-life**
- 167** Effect of vacuum and polybag packing on simple and microwave heat treated Parboiled rice bran/Priyankara, S.K.A, Weerathilake W.A.D.V., Perera, A.N.F. Ranawana, S.S.E.  
*Journal of Animal Science*, 2009 Pages: 9-13  
ISSN/EISSN: 2012578X  
**Keywords:** **Free fatty acid; Heat stabilization; Parboiling Rice bran; Rancidity; Vacuum and poly bag packging**

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- 168** Processing Conditions, Rice Properties, Health and Environment/Poritosh Roy, Takahiro Orikasa, Hiroshi Okadome, Nobutaka Nakamura  
*International Journal of Environmental Research and Public Health*, 2011 Volume: 8 Issue: 6 Pages: 1957-1976  
ISSN/EISSN: 16604601  
**Keywords:** **Rice processing; Rice properties; CO2 emission;**

## **Health; Environment**

- 169** Effect of pre-storage treatment with bio-pesticides for the control of seed borne fungi in rice/Prashant p. Jambulkar and Janki Kandhari  
*Indian Phytopathology*, 2011 Volume: 60 Issue: 2 Pages: 231-236  
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**Keywords:** Rice; Storage; Biopesticides; Seed; Treatment

- 170** Non-conventional techniques for management of Aspergillus flavus aflatoxins and preservation of rice grain quality during storage/Anuja Gupta

*Indian Phytopathology*, 2011 Volume: 63 Issue: 3 Pages: 292-297  
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**Keywords:** Rice; Grain; Storage; Quality

- 171** Persistence of plant products, antagonists and fungicides on rice seeds after storage/Prashant p. Jambulkar and Janki Kandhari

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*Indian Phytopathology* , 2012 Volume: 57 Issue: 2 Pages: 205-207  
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**Keywords:** Rice seed; Storage

- 173** Natural Ultra Violet Radiation on Field Grown Rice (*Oryza sativa* L.) Plants Confer Protection against Oxidative Stress in Seed during Storage under Subtropical Ambience/Sudeshna Shyam Choudhury, Swati Sen Mandi

*Environment and Pollution*, 2012 Volume: 1 Issue: 2  
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**Keywords:** Rice; Oryza; Satva; Storage; Seed treatment

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**Keywords:** Agricultural biotechnology; Cluster analysis; Comparative analysis; Cooking; Genetic diversity; Genetic testing; Genomes; Genomics; Grain; Rice
- 175 Rice Metabolomics/Oikawa, Akira; Matsuda, Fumio; Kusano, Miyako; Okazaki, Yozo; Saito, Kazuki  
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- 176 Suppression of the oxidation of methyl linoleate encapsulated with the extract from defatted rice bran by a compressed hot water treatment/Wiboonsirikul, Jintana; Nakazawa, Risa; Kobayashi, Takashi; Morita, Hisahiro; Tsuno, Takuo; Adachi, Shuji  
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**Keywords:**Foodscience;Oxidation;Rice;Studies
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**Keywords:** Consumer behavior; Exports; Food processing industry; Rice; Studies
- 178 Proteomic analysis of reactive oxygen species (ROS)-related proteins in rice roots/Kim, Sang Gon; Kim, Sun Tae; Kang, Sun Young; Wang, Yiming; Kim, Wook; Kang, Kyu Young  
*Plant Cell Reports*, 27(2), 363-75, 2008

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**Keywords:** Hydrogen Peroxide ; Plant Proteins; Reactive Oxygen Species

- 179** Effect of two different rice dehusking procedures on total arsenic concentration in rice/Signes, A; Mitra, K; Burló, F; Carbonell-barrachina, A A

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**Keywords:** Arsenic content; Feeds; Food science; Rice; Studies

- 180** Effect of cooking and soaking on physical, nutrient composition and sensory evaluation of indigenous and foreign rice varieties in

Nigeria/Osaretin Albert T. Ebuehi; Abosede, Christiana Oyewole  
*Nutrition and Food Science*, 38(1), 15-21, 2008

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**Keywords:** Cooking; Food science; Minerals; Moisture content; Nutrients; Nutrition; Nutritionresearch; Rice; Sensoryperception

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*International Journal of Agricultural Sustainability*, 7(2), 119-129, 2009

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**Keywords:** Farmers; Innovations; Principles; Research & development--R&D; Research & development--R&D; Research & development--R&D; Technological change; Workshops

- 181** Inhibitory Effect of Commercial Green Tea and Rosemary Leaf Powders on the Growth of Foodborne Pathogens in Laboratory Media and Oriental-Style Rice Cakes/Lee, Sun-Young; Gwon, So-Young; Kim, Seung-Ju; Moon, Bo Kyung

*Journal of Food Protection*, 72(5), 1107-11, 2009  
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**Keywords:** Baked goods; Food contamination & poisoning;  
Pathogens; Studies; Tea

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**Keywords:** Physical properties; Rice
- 183** Oral vaccination of chickens against Newcastle disease with I-2 vaccine coated on oiled rice/Wambura, P N  
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**Keywords:** Oral vaccination; Newcastle disease; Rice
- 184** Effect of Storage Temperature for Paddy on Consumer Perception of Cooked Rice/Jang, Eun-Hee; Lim, Seung-Taik; Kim, Sang-Sook  
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**Keywords:** Temperature; Consumer
- 185** Effect of processing paddy on digestibility of rice starch by in vitro studies/Chitra, M; Singh, Vasudeva; Ali, S Z  
*Journal of Food Science and Technology*, 47(4), 414-419, 2010  
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**Keywords:** Analysis; Chemical compounds; Food processing industry; Physical properties; Rice; Studies

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**Keywords:** Agricultural engineering; Colleges & universities; Engineering research; Mechanical properties; Moisture content; Rice; Shear tests

- 187 Relationship of starch changes to puffing expansion of parboiled rice/Mahanta, Charu Lata; Bhattacharya, K R  
*Journal of Food Science and Technology*, 47(2), 182-187, 2010  
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- Keywords:** Analysis; Chemical reactions; Cooking; Food processing industry; Rice; Studies
- 188 Reducing Rice Seed Storage Protein Accumulation Leads to Changes in Nutrient Quality and Storage Organelle Formation1/Kawakatsu, Taiji; Hirose, Sakiko; Yasuda, Hiroshi; Takaiwa, Fumio  
*Plant Physiology*, 154(4), 1842-54, 2010. ISSN.00320889.
- Keywords:** Amino Acids; RNA; Seed Storage Proteins
- 189 Changes in methanotrophic community composition after rice crop harvest in tropical soils/Vishwakarma, P; Singh, M; Dubey, S K  
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**Keywords:** Wild cocoyam corm; Nutrient; Energy values; Anti-nutrient

**2012**

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ISSN/EISSN: 22239944 22239553  
**Keywords:** Engineering properties of Cocoyam ; Postharvest Handling and Processing

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- 260** Microstructure and creep-recovery characteristics of achu (a taro based paste) made from freeze dried taro chips as affected by moisture content and variety/ N.Y. Njintang, M.L. Parker, G.K. Moates, C.B. Faulds, A.C. Smith, K.W. Waldron, C.M.F. Mbofung, J. Scher *Journal of Food Engineering*, Volume 87, Issue 2, July 2008, p. 172-180, ISSN 0260-8774

**Keywords:** Taro chips; Achu; Starch; Microstructure; Texture

## 2011

- 261** Development of extruded snacks using taro (*Colocasia esculenta*) and nixtamalized maize (*Zea mays*) flour blends/ J. Rodríguez-Miranda, I.I. Ruiz-López, E. Herman-Lara, C.E. Martínez-Sánchez, E. Delgado-Licon, M.A. Vivar-Vera  
*LWT - Food Science and Technology*, Volume 44, Issue 3, April 2011, p. 673-680, ISSN 0023-6438

**Keywords:** Taro flour; Maize flour; Extrusion process; Snacks

Preparation of spherical aggregates of taro starch granules/ Rosalia A. Gonzalez-Soto, Barbara de la Vega, Francisco J. García-Suarez, Edith Agama-Acevedo, Luis A. Bello-Pérez *LWT - Food Science and Technology*, Volume 44, Issue 10, December 2011, p. 2064-2069, ISSN 0023-6438

**Keywords:** Phase transition; Physicochemical properties; Spherical aggregates; Starch; X ray diffraction

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- 262** Comparative study of physicochemical, functional, antinutritional and pasting properties of taro (*Colocasia esculenta*), rice (*Oryza sativa*) flour, pigeonpea (*Cajanus cajan*) flour and their blends/ Pragati Kaushal, Vivek Kumar, H.K. Sharma  
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**Keywords:** Functional properties; Antinutritional factors; Viscosity; Flour; Starch

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*Tropical Animal Health and Production* 40.2 (Feb 2008): 117-24.  
ISSN.00494747.

**Keywords:** Sweet potato; Green panic; Growing calves

### **2010**

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*Tropical Animal Health and Production* 42. 4 (Apr 2010): 687-95.  
ISSN.00494747.

**Keywords:** Effect Sweet potato; Growth; Performance

### **2011**

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*Journal of Food Science and Technology* 48. 4 (Aug 2011): 520-524.  
ISSN.00221155.

**Keywords:** International; Studies; Food science; Potatoes; Food processing industry

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*Journal of Food Science and Technology* 48. 4 (Aug 2011): 520-524.  
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- 267** Nutritional and Functional Characteristics of Protein-Fortified Pasta

from Sweet Potato/Gopalakrishnan, Jyothi; Menon, Renjusha; Padmaja, Gourikutty; Sajeev, Moothandassery Sankarankutty; Moorthy, Subramoney Narayana.

*Food and Nutrition Sciences* 2. 9 (Nov 2011): 944-955.

ISSN.2157944X.

**Keywords:** Proteins;Studies;Nutrition;Cassava;Weight control;Moisture content

## 2012

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*Sustainable Agriculture Research* 1. 1 (Feb 2012): 130-146.  
ISSN.1927050X.
- Keywords:** Studies; Crops; Distribution channels; Valuechain; Value added
- 269** Effect of Cultivar on Quality Attributes of Sweet Potato Fries and Crisps/Ali, Nafeesa; Falade, Kolawole O; Akingbala, John O.  
*Food and Nutrition Sciences* 3. 2 (Feb 2012): 224-232.  
ISSN.2157944X.
- Keywords:** Potatoes; Cultivars; Stainlesssteel; Snackfoods; Drinking water; Sensory perception
- 270** Introduction of [Beta]-Carotene-Rich Orange Sweet Potato in Rural Uganda Resulted in Increased Vitamin A Intakes among Children and Women and Improved Vitamin A Status among Children1-3/Hotz, Christine; Loechl, Cornelia; Lubowa, Abdelrahman; Tumwine, James K; Ndeezi, Grace; d  
*The Journal of Nutrition* 142. 10 (Oct 2012): 1871-80.  
ISSN.002223166.
- Keywords:** Children&youth; VitaminA; Womens health; Nutrition; Households; Dietary supplements
- 271** Performance of Improved Sweet Potato (*Ipomea batatas* L.) Varieties in Makurdi, Southern Guinea Savanna of Nigeria/Egbe, O M; Afuape, S O; Idoko, J A.  
*American Journal of Experimental Agriculture* 2. 4 (Dec 2012).

**Keywords:** Crop science;Agricultural biotechnology;Plant growth

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*Journal of Food Engineering*, Volume 86, Issue 1, May 2008, p. 68-73, ISSN 0260-8774

**Keywords:** Wheat flour; Tuber and root starches; Substitution; Gelatinization temperature

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*Innovative Food Science & Emerging Technologies*, Volume 10, Issue 4, October 2009, p. 616-620, ISSN 1466-8564

**Keywords:** Glucose; High fructose syrup; Cassava; Sweet potato; Direct root hydrolysis

**TEEAL  
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*Tropical Grasslands*. 2008. 42 (4). p. 245-251 ISSN: 0049-4763

**Keywords:** Brewers' grains; Cows; Crop yield; Crude protein; Diet; Dry matter; Forage; Lactation; Leaves; Milk composition; Stems; Sweet potatoes; White Fulani Ipomoea; Convolvulaceae; Solanales; Dicotyledons; Angiosperms; Spermatophyta; plants; Eukaryotes; West Africa; Africa South of Sahara; Africa; Developing Countries; ACP Countries; Commonwealth of Nations; Anglophone Africa; Panicum; Poaceae; Cyperales; Monocotyledons; Bovidae; Ruminants; Artiodactyla; Mammals; Vertebrates; Chordata; Animals; Ungulates;

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**Keywords:** Methods and techniques; Nutrition; Foods flow rate; Separation efficiency; Sweet potato
- 277** Investigation of negative horizontal ventilation for long-term storage of sweetpotatoes/ Boyette-M-D *Applied Engineering in Agriculture*. 2009. 25 (5). p. 701-708 ISSN: 0883-8542  
**Keywords:** Design; Optimization; Storage; Stores; Sweet-potatoes; Ventilation

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*African Journal of Food, Agriculture, Nutrition and Development* 10.2 (Feb 2010) 2099(13). Global Reference on the Environment, Energy, and Natural Resources. Gale.

**Keywords:** Cassava, Processing, Nutrient, Diets, Contribution

### **2011**

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*Renewable Energy* 36.12 (Dec 2011) 3367(6). Global Reference on the Environment, Energy, and Natural Resources. Gale.

**Keywords:** Cassava; Fermentation; Processing

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*International Journal of Agriculture and Biology* 13.3 (June 30, 2011) Global Reference on the Environment, Energy, and Natural Resources. Gale.

**Keywords:** Cassava; Superoxide dismutase; Antioxidant; Postharvest deterioration

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- 281** Set up 16 Cassava Processing Centres./Kogi *Africa News Service* (Feb 14, 2013) Global Reference on the Environment, Energy, and Natural Resources. Gale.

**Keywords:** Cassava; Processing

- 282** Resuscitate Moribund Cassava Processing Plant/Kogi Govt  
*Africa News Service* (Jan 23, 2013) Global Reference on the  
Environment, Energy, and Natural Resources. Gale.  
**Keywords:** Cassava; Processing
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*Africa News Service* (Jan 4, 2013) Global Reference on the  
Environment, Energy, and Natural Resources. Gale. Kementerian  
Pertanian Republik Indo. 19 Feb. 2013  
**Keywords:** Cassava; Processing; Machines

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*Food Research International*, Volume 42, Issues 5–6, June–July 2009, p. 588-594, ISSN 0963-9969  
**Keywords:** Traditional fermented foods and beverages; Milk products; Cereal and banana based beverages and cassava based foods
- 285** Comparative study of some properties of cassava (*Manihot esculenta*, Crantz) and cocoyam (*Colocasia esculenta*, Linn) starches/ Louis M. Nwokocha, Ndubisi A. Aviara, Chandra Senan, Peter A. Williams  
*Carbohydrate Polymers*, Volume 76, Issue 3, 9 April 2009, p. 362-367, ISSN 0144-8617  
**Keywords:** Cassava; Cocoyam; Starch; Pasting properties; Rheological properties; Paste clarity; Freeze thaw stability

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farmers using Principal Component Analysis (PCA) / Essono-G. Ayodele-M. Ako-A. Foko-J. Gockowski-J. Olembo-S  
*African Journal of Agricultural Research.* 2008. 3 (1). p. 49-59 ISSN: 1991-637X

**Keywords:** Cassava; Cultivars; Cultivation; Drying; Harvesting; Postharvest-systems; Principal-component-analysis; Processing; Storage

- 287** Effect of processing method of cassava chips on the development of Prostephanus truncatus (Horn) (Coleoptera: Bostrichidae) /Chijindu-E-N. Boateng-B-A. N-Ayertey-J. Cudjoe-A-R. Okonkwo-N-J  
*African Journal of Agricultural Research.* 2008. 3 (8). p. 537-541 ISSN: 1991-637X

**Keywords:** Cassava; Cultivars; Drying; Fermentation; Food-processing; Parboiling; Stored-products-pests; Susceptibility

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*Nigerian Agricultural Journal.* 2009. 40 (2). 180-186 ISSN: 0300-368X

**Keywords:** Gender-roles; Indigenous; Cassava; Yam; Marketing

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*Nigerian Agricultural Journal.* 2009. 40 (1). p.15-22 ISSN: 0300-368X

**Keywords:** Cassava-pulp; Fermentation; Gari-processing; Cyanide; Toxic Geographic location; Nigeria

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