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Innovation and R&D Needs in Industrial Drying Technologies

- A S Mujumdar; Dept. of Mech. Engg., National Univ. of Singapore, Singapore

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- T A G Langrish; Dept. of Chemical Engg, Univ. of Sydney, Australia

2 Pulse Combustion Drying

- X D Liu¹ and Y C Shi²; ¹China Agril. Univ, Beijing, PR China,
²ShangDong Tian Li Drying Equipment Co. Ltd, PR China

3 Energy Demand of Sludge Dewatering

- D J Lee; National Taiwan University, Taipei, Taiwan

4 Drying of Food and Biomaterials: Retention of Nutritional / Functional Quality

- Shyam S Sablani; Sultan Qaboos Univ, Muscat, Sultanate of Oman

5 Moisture Migration in Dehydrated Foods during Storage

- H Ramaswamy; McGill Univ, Mcdonald Campus, Canada

6 New Method for Producing Parboiled Rice under High Temperature Superheated Steam Fluidization

- S Soponronnarit; King Mongkut's Univ. of Tech., Bangkok

7 Drying of Fruits and Vegetables

- G S V Raghavan and V Orsat; McGill Univ., Mcdonald Campus, Canada

8 Potential use of Magnetic Resonance Imaging in Grain Drying Analysis

- P K Ghosh and D S Jayas; Univ. of Manitoba, Winnipeg, Manitoba, Canada

9 Glass Transition related Phenomenon in Solid Dried Foods

- B Bhandari; Univ. of Queensland, Brisbane, Australia

10 Advances in Freeze-Drying Technologies for Pharmaceuticals and Foods

- Y Sagara; Dept. of Global Agril. Sc., Univ. of Tokyo, Japan

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- W R W Daud; Dept. of Chemical and Process Engg., Univ. of Kebangsaan, Malaysia

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- M N A Hawlader; Dept. of Mech. Engg., National Univ. of Singapore, Singapore

14 Dielectric-material-assisted Microwave Freeze-drying

- Guohua CHEN and Wei WANG; Dept. of Chemical Engg., Hong Kong Univ. of Sc. & Tech., Kowloon, Hong Kong, China

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- T A G Langrish and K Kota; Dept. of Chemical Engg., Univ. of Sydney, Australia

2 Development of Novel Nutraceuticals with Spray Drying Technology

- D Chiou and T Langrish; Dept. of Chem. Engg., Univ. of Sydney, Australia

3 Drying Kinetics of Microwave-Vacuum and Convective Hot Air Dried Button Mushroom

- S K Giri, S Prasad and P P Sutar; Post harvest Tech. Centre, IIT Kharagpur, India

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- C K Yong, M R Islam and A S Mujumdar; Mech. Engg. Dept., NUS, Singapore

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- Fu Pengcheng, W Shuanglin; Chengdu Grain Storage Research Instt, Sichuan, P R China

6 An Experimental Study on Microwave Vacuum Drying of Heat Sensitive Materials

- S Velayutham, Md. R Islam; Mech. Engg. Dept., NUS, Singapore

7 Investigation on the Production of Dehydrated Onion flakes

- D V K Samuel¹ and H S Sharma²;
¹Div of Post Harvest Tech., ²Div. of Agril. Engg., IARI, New Delhi, India

8 Microwave Vacuum and Microwave Convection Drying of Mushroom

- W Wang, V Changrue and G S V Raghavan; Dept. of Biosystem Engg., McGill Univ., Canada

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- S S Waji and B N Thorat; Chemical Engg. Div., Instt. of Tech., Univ. of Mumbai, India

10 Development of a New In-store Drying System in North-East China

- Liu F¹, Jiang D¹, Zhong L¹, Niu X² and G Srzednicki³; ¹Zhong Liang Storing Tech. & Engg. Co. Ltd. , Harbin, P R China, ²Tech. Dev. Corp., China Grains & Oils (Group) Corp. , Beijing, P R China, ³The Univ. of New South Wales, Australia

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- P P Sutar, S Prasad, S K Giri and P Anand Kumar; PHTC, IIT Kharagpur, India

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- J Hesari, M R Khoyi, N Asgari, F Ahmadi; Food Sc. & Tech. Dept., Faculty of Agril., Tabriz Univ., Iran

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- S Wachiraphansakul and S Devahastin; Dept. of Food Engg., KMUTT, Thailand

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- B D Shukla, R E Singh and S P Singh; CIAE, Bhopal, India

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- A K Baloch, M K Baloch, S A Saleem and W A Baloch; Deptt. of Food Sc. & Tech., Gomal Univ., Pakistan

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- M Kashaninejad, D Chabra and S Rafiee; Dept. of Food Sc. & Tech., Gorgan Univ. of Agril. Sciences and Natural Resources, Iran

7 Dehydration of Okara

- M R Premalatha¹, S Jeyamalathi¹ and G S V Raghavan²; ¹Home Sc. College and Research Instt., TNAU, Tamil Nadu, India, ²McGill Univ., Canada

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- S Nemes, S S Sivakumar, Y Garipey and G S V Raghavan; Dept. of Biosystem Engg., McGill Univ., Canada

9 Foam Mat Drying of Mango Pulp (Totapuri)

- P Rajkumar¹, R Kailappan¹, G S V Raghavan², R Vishwanathan¹, and C Ratti³; ¹Agril. Engg. College and Research Instt., TNAU, India, ²McGill Univ., Canada, ³Laval Univ., Canada

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- Anup Halwai; Himalayan College of Agril. Sc. & Tech., Bhakatpur, Nepal

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- A Borah and D Saikia; Dept. of Agril. Engg., Assam Agril. Univ., Jorhat, India

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- N K Dhamsaniya and N C Patel; College of Agril. Engg. & Tech., Junagadh Agril. Univ., Junagadh, India

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- O R Roustapour¹, M Hosseinalipour² and B Ghobidian²;
¹Iran Univ. of Sc. & Tech., Tehran, Iran, ²Tarbiat Univ., Tehran, Iran

14 Current Drying and Storage System for Cereal Crops in Myanmar

- T O Win, Y Y Myint and K S Win; Myanmar Agril. Service, Yangon, Myanmar

15 Rice Seed Processing in the LAO PDR

- P Lathvilayvong; Ministry of Agriculture and Forestry, Vientiane, Lao P.D.R

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- Jangam, Waji and Thorat; Chem. Engg. Div., Instt.of Tech., Univ. of Mumbai, India

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2 Drying of Timber without Shrinkage

- T A G Langrish, C Gee and S J Cabardo; Dept. of Chem. Engg., The Univ. of Sydney,

3 Design and Construction of a Rotary Dryer for Diabasic Dicalcium Phosphate

- H Aminian; Shahroud Sci. and Tech Park, Iran

4 The Study of Drying Kinetics of Nanostructured Magnesium Hydroxide

- F Fan¹, B Wang¹, W Zhang¹, A S Mujumdar² and L Huang³;
¹Dalian Univ. of Tech., P R China, ²NUS, Singapore, ³Research Instt. of Chemical Industry of Forestry Products, P R China.

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- L Huang¹ and A S Mujumdar²; ¹Research Instt. of Chemical Industry of Forestry Products, Nanjing, P R China, ²Mech Engg Deptt., NUS, Singapore

2 A Two dimensional Population Balance Modelling for Drying and Agglomeration

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- Rezazadeh Gh, Esmaili M, Sotodeh R and Tahmasebi A; Mech. Engg Dept., Khoy Azad Univ., Khoy, Iran

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- 17 Analytical Determination of Drying Characteristics**
- A K Haghi and A Daghbandan; The Univ. of Guilan, Iran.

18 An Analysis on Thermal Drying: A Theoretical Approach

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- H Chattopadhyay; CMERI, Durgapur, India

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- S V Jangam and B N Thorat, Chemical Engg. Div., Instt. of Tech., Univ. of Mumbai, India

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- K M Kundu, A B Datta, P K Chatterjee and M K Karmakar; CMERI, Durgapur, India

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- K M Kundu, A B Datta, R Das and B Choudhury; CMERI, Durgapur, India

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- M K Chourasia and T K Goswami; Agril. & Food Engg. Dept., IIT Kharagpur, India

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1 Potential of Solar Thermal and Biomass Energy in Drying of Agricultural Produce

- R K Goyal and S M Ilyas; CIPHET, Ludhiana, India

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- ¹S Janjai and ²B K Bala; ¹Silpakorn Univ., Thailand, ²Bangladesh Agril. Univ., Mymensingh, Bangladesh

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- S K Mandal, P Rajan, M K Banerjee; CMERI, Durgapur, India

4 A 40 M² Solar Air Heating System for Drying of Fruits and Vegetables

- A Sreekumar and K P Vijaykumar; NRE Research center of MNES, Dept. of Physics, Cochin Univ. of Sc. and Tech., Kochi, India

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- G Purohit¹, B S Rawat¹ and G C Joshi¹ and I Purohit²; ¹Deptt. Of Physics, HNB Garhwal Univ., ²Dept. of Applied Sc. and Hum., G B Pant Engg. College, India

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 - I Purohit¹, B S Rawat² and G C Joshi² and G Purohit²; ¹Dept. Of Applied Sc. and Hum., G B Pant Engg. College, ²Dept. of Physics, HNB Garhwal Univ., Uttaranchal, India
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 - S D Deshpande and K K Singh; Agro Processing Divn., CIAE, Bhopal, India
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- 10 Thin Layer Drying Model for Stone Fruit in a Solar Gas-assisted Tunnel**
 - W Phomkong, R H Driscoll and G Srzednicki; Dept. of Food Sc. and Tech., UNSW, Sydney, Australia
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 - A K Singh¹, L P Singh², H Shephered² and V K Nema³; ¹Mech. Engg. Dept., BIT extn. centre, Naini, Allahabad, ²Mech. Engg. Dept., Allahabad Agriculture Instt., ³Dept. of Mech. Engg., MNNIT, Allahabad, India
- 12 Use of Peeling Machine and Solar Dryers: An Important Step for Quality improvement of Dry Ginger in Nepal**
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 - S P Cholera, N C Patel, D M Vyas; College of Agril. Engg. & Tech., Junagadh Agril. Univ., Junagadh, India.
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 - M Vasanthi, A. Pon Amutha and K Muthuchelian; Dept. of Bioenergy, Madurai Kamraj Univ., Madurai, India
- 15 Design and Performance of a Solar Dryer with Chimney for North Eastern Region of India**
 - Srivastava B; NERIST, Itanagar, India
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 - Ashok K. Sahu and Surendra Khuntia; RRL(CSIR), Bhubaneswar, India
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 - Surendra Khuntia; RRL(CSIR), Bhubaneswar, India

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- 1 Effects of Drying Methods on the Anti-Microbial Activity of Dried Garlic Powders**
 - M S Rahman¹, H I Al-Sheibani², M H Al-Riziqi¹, A Mothershaw¹, N Guizani¹ and G Bengtsson³; ¹Dept. of Food Sc. and Nutrition, Sultan Qaboos Univ., Muscat, ²Muscat Municipality, Muscat, Oman, ³Norwegian Food Research Instt., Norway
- 2 Effect of Shelf Temperature on Pore formation in Garlic during Freeze Drying**
 - M S Rahman, S S Sablani and M K Al-Kuseibi; Sultan Qaboos Univ., Oman
- 3 Microbial and Physico-Chemical Characteristics of Dried Meat Processed by Different Methods**
 - M S Rahman et al; Dept. of Food Sc. & Nutrition, Sultan Qaboos Univ., Oman
- 4 Sorption Properties and Glass Transition Behaviour of Lactose / Hydrolysed Whey Protein System**
 - A K Shrestha, T Howes, Benu P, Adhikari and Bhesh R Bhandari; Univ. of Queensland, Australia
- 5 The Effects of Heat Pump Drying on Seed Quality**
 - H Wong, G Srzednicki and R H Driscoll; Food Sc. & Tech., UNSW, Sydney, Australia
- 6 Convective drying of Apples: the Influence of the Glass Transition Temperature on Shrinkage**
 - V C Perina and M A Silva; State Univ. of Campinas, Brazil
- 7 Studies on Dehydration of Sapota Flakes**
 - T Padmini¹, G S V Raghavan¹ and T Thangaraj²;
¹Dept. of Bioresource Engg, McGill Univ., Canada, ²TNAU Tamil Nadu, India
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 - C Borompichaichartkul¹, L Wiset², R Impaprasert¹ and I Waedalar²;
¹Dept. of Food Tech., Chulalongkorn Univ., Bangkok, ²Dept. of Food Sc., Burapha Univ., Chonburi, Thailand
- 9 Effect of Drying Method on the Essential Oil Content and Composition of Bitter Orange (var. amra)**
 - Heidary SM, Emam-D and Mousavi SM; Transfer Propert Lab, Dept. of Food Sc. & Tech., Agril. Campus, Univ. of Tehran, Iran