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Contact Information

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P.o Bax: 488- Mashhad- Iran

Research areas

Drying & Solar Collectors

Education

Date	Level	University	Field of study
(2008-2014)	Ph.D	University of Tabriz	Energy in Agriculture
(1999-2001)	M.Sc	University of Tabriz	Agricultural Mechanization
(1995-1999)	B.Sc	University of Tehran	Agricultural Machinery Engineering

Abroad research

Visiting researcher at University of Politecnico Di Milano, Energy Department, Milan, Italy, 2012

Professional Qualifications

-Work Experience

Date	Organization	Level
2002 to date	Khorasan Razavi Agricultural and Natural Resources Research and education Center, Mashhad, Iran	Academic member

-Publications

Hedayatzadeh, M. & **Chaji, H.** 2016. A review on plum drying. Renewable and Sustainable Energy Reviews. Vol: 56. Pages: 362-367. journal homepage: www.elsevier.com/locate/rser

Hedayatzadeh, M., Sarhaddi, F., Safavinejad, A., Ranjbar, F. & **Chaji, H.** 2016. Exergy loss-based efficiency optimization of a double-pass/glazed v-corrugated plate solar air heater. Energy. Vol: 94. Pages: 799-810. journal homepage: www.elsevier.com/locate/energy

Chaji, H., Ajabshirchi, Y., Esmaeilzadeh, E., Heris, S. Z., Hedayatizadeh, M., & Kahani, M. (2013). Experimental Study on Thermal Efficiency of Flat Plate Solar Collector Using TiO₂/Water Nanofluid. *Modern Applied Science*, 7(10), p60.

Hedayatizadeh, M., Ajabshirchi, Y., Sarhaddi, F., Safavinejad, A., Farahat, S., & **Chaji, H.** (2013). Thermal and electrical assessment of an integrated solar photovoltaic thermal (PV/T) water collector equipped with a compound parabolic concentrator (CPC). *International Journal of Green Energy*, 10(5), 494-522.

Hedayatizadeh, M., Ajabshirchi, Y., Sarhaddi, F., Farahat, S., Safavinejad, A., & **Chaji, H.** (2012). Analysis of exergy and parametric study of a v-corrugated solar air heater. *Heat and Mass Transfer*, 48(7), 1089-1101.

Gazor, H. R. & **Chaji, H.** 2010. Equilibrium moisture content and heat of desorption of saffron. *International Journal of Food Science and Technology*. 45, 1703–1709