

Fig. 1. Simulation results for the dehydrated plum and jujube.



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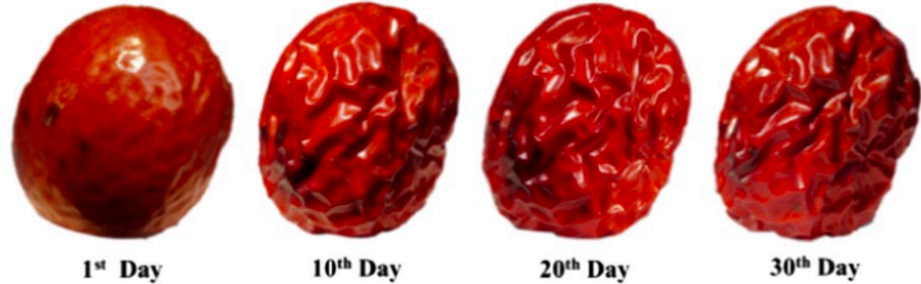


Fig. 2. The morphologies of a real jujube at different dehydrated stages. The jujube is dehydrated in the normal temperature and pressure.

From: Yin Liu, Xiaosong Yang, Yang Cao, Zhao Wang, Biaosong Chen, Jianjun Zhang and Hongwu Zhang, “Dehydration of core/shell fruits”, *Computers & Graphics*, Vol. 47, pp 68-77, 2015

See:

https://www.researchgate.net/profile/Yin_Liu5

<https://scholar.google.com/citations?user=Tm7CeTUAAAAJ&hl=en>

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Selected Publications:

Yin Liu, Kun Yu, Heng Hu, Salim Belouettar, Michel Potier-Ferry and Noureddine Damil, “A new Fourier-related double scale analysis for instability phenomena in sandwich structures”, *International Journal of Solids and Structures*, Vol. 49, No. 22, pp 3077-3088, November 2012

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Qun Huang, Jie Yang, Wei Huang, Yin Liu, Heng Hu, Gaetano Giunta and Salim Belouettar , “A new Fourier-related double scale analysis for wrinkling analysis of thin films on compliant substrates”, *Composite Structures*, Vol. 160, pp 613-624, January 2017

Qun Huang, Rui Xu, Yin Liu, Heng Hu, Gaetano Giunta, Salim Belouettar and Michel Potier-Ferry, “A two-dimensional Fourier-series finite element for wrinkling analysis of thin films on compliant substrates”, *Thin-Walled Structures*, Vol. 114, pp 144-153, May 2017

Qun Huang, Yin Liu, Heng Hu, Qian Shao Kun Yu, Gaetano Giunta, Salim Belouettar and Michel Potier-Ferry, “A Fourier-related double scale analysis on the instability phenomena of sandwich plates”, *Computer Methods in Applied Mechanics and Engineering*, Vol. 318, pp 270-295, May 2017

Yin Liu, Shenyang Liang, Qun Huang, Heng Hu, Yonggang Zheng, Hongwu Zhang and Qian Shao, “A robust Riks-like path following method for strain-actuated snap-through phenomena in soft solids”, *Computer Methods in Applied Mechanics and Engineering*, Vol. 323, pp 416-438, August 2017