

List of Scopus Indexed Publications by Professor Mujumdar

(From 1969 to Dec, 2019)

1. Zhang, X. L.; Zhong, C. S.; Mujumdar, A. S.; Yang, X. H.; Deng, L. Z.; Wang, J.; Xiao, H. W., Cold plasma pretreatment enhances drying kinetics and quality attributes of chili pepper (*Capsicum annuum* L.). *Journal of Food Engineering*, 2019, 241, 51-57, DOI: 10.1016/j.jfoodeng.2018.08.002.
2. Yu, X. L.; Ju, H. Y.; Mujumdar, A. S.; Zheng, Z. A.; Wang, J.; Deng, L. Z.; Gao, Z. J.; Xiao, H. W., Experimental and simulation studies of heat transfer in high-humidity hot air impingement blanching (HHAIB) of carrot. *Food and Bioprocess Technology*, 2019, 114, 196-204, DOI: 10.1016/j.fbp.2019.01.001.
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4. Xiao, H. W. Mujumdar, A. S., Importance of drying in support of human welfare. *Drying Technology*, 2019, DOI: 10.1080/07373937.2019.1686476.
5. Wu, X. F.; Zhang, M.; Mujumdar, A. S.; Yang, C. H., Effect of ultrasound-assisted osmotic dehydration pretreatment on the infrared drying of Pakchoi Stems. *Drying Technology*, 2019, DOI: 10.1080/07373937.2019.1608232.
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10. Sun, Y.; Zhang, M.; Mujumdar, A., Berry Drying: Mechanism, Pretreatment, Drying Technology, Nutrient Preservation, and Mathematical Models. *Food Engineering Reviews*, 2019, 11, 61-77, DOI: 10.1007/s12393-019-9188-3.
11. Sun, Q.; Zhang, M.; Mujumdar, A. S.; Yang, P., Combined LF-NMR and Artificial Intelligence for Continuous Real-Time Monitoring of Carrot in Microwave Vacuum

- Drying. *Food and Bioprocess Technology*, 2019, 12, 551-562, DOI: 10.1007/s11947-018-2231-1.
12. Sun, Q.; Zhang, M.; Mujumdar, A. S., Recent developments of artificial intelligence in drying of fresh food: A review. *Critical Reviews in Food Science and Nutrition*, 2019, 59, 2258-2275, DOI: 10.1080/10408398.2018.1446900.
 13. Song, X. D.; Mujumdar, A. S.; Law, C. L.; Fang, X. M.; Peng, W. J.; Deng, L. Z.; Wang, J.; Xiao, H. W., Effect of drying air temperature on drying kinetics, color, carotenoid content, antioxidant capacity and oxidation of fat for lotus pollen. *Drying Technology*, 2019, DOI: 10.1080/07373937.2019.1616752.
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 16. Mujumdar, A. S., Perspectives on role of IDS series on global R&D in drying. *Drying Technology*, 2019, DOI: 10.1080/07373937.2019.1560963.
 17. Mujumdar, A. S., Tribute to late professor Czesław Strumiłło: Dedicated educator, outstanding researcher, conscientious mentor, and exceptional human being. *Drying Technology*, 2019, DOI: 10.1080/07373937.2019.1637349.
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- substances, sensory quality, microbial load and energy consumption. *Journal of the Science of Food and Agriculture*, 2019, 99, 4460-4467, DOI: 10.1002/jsfa.9683.
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