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	Food Engineering Reviews ISSN: 1866-7910 (Print) 1866-7929 (Online) Description Food Engineering Reviews publishes reviews covering all engineering aspects of today's food scientific research and the food industry. Coverage concentrates on classic as well as modern novel food engineering topics, exploring such essential factors as the health, nutritional, and environmental aspects of food processing. The journal identifies and discusses trends that will drive the discipline over time. The scope of topics show all	Food Engineering Reviews Water and the second secon
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Publisher	Springer US	

Scope and Coverage

Food Engineering Reviews publishes reviews covering all engineering aspects of today's food scientific research and the food industry. Coverage concentrates on classic as well as modern novel food engineering topics, exploring such essential factors as the health, nutritional, and environmental aspects of food processing. The journal identifies and discusses trends that will drive the discipline over time. The scope of topics addressed is broad, encompassing Transport phenomena in food processing; Food process engineering; Physical properties of foods; Food nano-science and nano-engineering; Food equipment design; Food plant design; Modeling food processes; Microbial inactivation kinetics; Preservation technologies; Engineering aspects of food packaging; Shelf life, storage and distribution of foods; Instrumentation, control and automation in food processing; Food engineering; sustainability; and Food engineering education.

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ood neering views	Food Engineering Reviews March 2017, Volume 9, <u>Issue 1</u> , pp 1-12 Freezing of Foods: Mathematical and Experimental Aspects				
	Authors	Authors and affiliations			
	Ying Zhao, Pawan S. Takhar 🖂				
	Review Article First Online: 28 January 20 DOI: 10.1007/s12393-016-9:	(2017) 9:1.	Downloads		
	Abstract				
	Freezing is a widely used method to extend the shelf life of foods. However, the frozen products are subjected to temperature fluctuations during storage and shipping, which cause events such as ice recrystallization and moisture/mass migration that further damage food quality. This paper reviews the mechanisms of ice crystal formation, propagation, and glass transition				

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Volume 5 March 2013 - December 2013	
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Volume 2 March 2010 - December 2010	
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