

Krishnamoorthy Pitchai

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

225
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling heat and mass transport during microwave heating of frozen food rotating on a turntable. Food and Bioproducts Processing, 2016, 99, 116-127.	3.6	64
2	Modeling microwave heating of frozen mashed potato in a domestic oven incorporating electromagnetic frequency spectrum. Journal of Food Engineering, 2016, 173, 124-131.	5.2	41
3	Multiphysics Modeling of Microwave Heating of a Frozen Heterogeneous Meal Rotating on a Turntable. Journal of Food Science, 2015, 80, E2803-14.	3.1	22
4	Effect of decoupling electromagnetics from heat transfer analysis on prediction accuracy and computation time in modeling microwave heating of frozen and fresh mashed potato. Journal of Food Engineering, 2015, 144, 45-57.	5.2	24
5	Heat and Mass Transport during Microwave Heating of Mashed Potato in Domestic Oven – Model Development, Validation, and Sensitivity Analysis. Journal of Food Science, 2014, 79, E1991-2004.	3.1	55
6	Assessment of Heating Rate and Non-uniform Heating in Domestic Microwave Ovens. Journal of Microwave Power and Electromagnetic Energy, 2012, 46, 229-240.	0.8	19