

Kamil Kahveci

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38 papers	699 citations	13 h-index	26 g-index
45 ext. papers	777 ext. citations	2.4 avg, IF	4.43 L-index

#	Paper	IF	Citations
38	Buoyancy Driven Heat Transfer of Nanofluids in a Tilted Enclosure. <i>Journal of Heat Transfer</i> , 2010 , 132,	1.8	104
37	Energy exergy analysis and modernization suggestions for a combined-cycle power plant. <i>International Journal of Energy Research</i> , 2006 , 30, 115-126	4.5	96
36	Modelling of intermittent drying of thin layer rough rice. <i>Journal of Food Engineering</i> , 2007 , 79, 293-298	6	86
35	MHD natural convection flow and heat transfer in a laterally heated partitioned enclosure. <i>European Journal of Mechanics, B/Fluids</i> , 2009 , 28, 744-752	2.4	65
34	Mathematical modelling of drying of thin layer rough rice. <i>Food and Bioprocess Technology</i> , 2008 , 86, 268-275	4.9	51
33	A liquid diffusion model for thin-layer drying of rough rice. <i>European Food Research and Technology</i> , 2008 , 226, 787-793	3.4	37
32	Natural Convection in a Partitioned Vertical Enclosure Heated With a Uniform Heat Flux. <i>Journal of Heat Transfer</i> , 2007 , 129, 717-726	1.8	31
31	A diffusion based model for intermittent drying of rough rice. <i>Heat and Mass Transfer</i> , 2008 , 44, 905-911	2.2	22
30	DRYING BEHAVIOR OF CULTURED MUSHROOMS. <i>Journal of Food Processing and Preservation</i> , 2010 , 34, 27-42	2.1	21
29	Numerical simulation of natural convection in a partitioned enclosure using PDQ method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2007 , 17, 439-456	4.5	21
28	A Differential Quadrature Solution of Natural Convection in an Enclosure with a Finite-Thickness Partition. <i>Numerical Heat Transfer; Part A: Applications</i> , 2007 , 51, 979-1002	2.3	20
27	Determination of optimum operating conditions and simulation of drying in a textile drying process. <i>Journal of the Textile Institute</i> , 2013 , 104, 170-177	1.5	17
26	Mixed convection heat transfer of ethylene glycol and water mixture based Al ₂ O ₃ nanofluids: Effect of thermal conductivity models. <i>Journal of Molecular Liquids</i> , 2016 , 224, 338-345	6	15
25	Microwave drying behaviour of tomato slices. <i>Czech Journal of Food Sciences</i> , 2013 , 31, 132-138	1.3	12
24	A Differential Quadrature Solution of MHD Natural Convection in an Inclined Enclosure With a Partition. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2008 , 130,	2.1	11
23	Mathematical Modelling of Drying of Rough Rice in Stacks. <i>Food Science and Technology International</i> , 2007 , 13, 437-445	2.6	11
22	Heat Transfer in Continuous-Drive Friction Welding of Different Diameters. <i>Numerical Heat Transfer; Part A: Applications</i> , 2005 , 48, 1035-1050	2.3	10

21	Microwave drying behaviour of apple slices. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2013 , 227, 264-272	1.5	9
20	Liquid diffusion model for drying a stack of rough rice. <i>International Journal of Energy Research</i> , 2003 , 27, 1131-1143	4.5	9
19	Modeling and numerical simulation of simultaneous heat and mass transfer during convective drying of porous materials. <i>Textile Research Journal</i> , 2017 , 87, 617-630	1.7	7
18	Mixed convection of water-based nanofluids in a square enclosure heated and cooled on adjacent walls. <i>Progress in Computational Fluid Dynamics</i> , 2014 , 14, 328	0.7	7
17	Conjugate forced convective heat transfer in a sandwich panel with a Kagome truss core: The effects of strut length and diameter. <i>Applied Thermal Engineering</i> , 2020 , 167, 114794	5.8	7
16	Stability of Unsteady Mixed Convection in a Horizontal Concentric Annulus. <i>Journal of Applied Fluid Mechanics</i> , 2016 , 9, 2141-2147	1.5	6
15	A numerical model of pulsatile blood flow in compliant arteries of a truncated vascular system. <i>International Communications in Heat and Mass Transfer</i> , 2015 , 67, 51-58	5.8	5
14	A model for predicting drying time period of wool yarn bobbins using computational intelligence techniques. <i>Textile Research Journal</i> , 2015 , 85, 1367-1380	1.7	4
13	Mixed Convection of Water-Based Nanofluids in a Lid-Driven Square Enclosure with a Heat Source. <i>Heat Transfer Research</i> , 2011 , 42, 711-735	3.9	4
12	Investigation of models of the yarn-bobbin drying process by determination of their parameters using genetic algorithm. <i>Textile Research Journal</i> , 2017 , 87, 1203-1216	1.7	2
11	Slip Flow of Nanofluids between Parallel Plates Heated with a Constant Heat Flux. <i>Strojniski Vestnik/Journal of Mechanical Engineering</i> , 2016 , 62, 511-520	1.3	2
10	Diffusion model for thin layer drying process of corn. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2009 , 223, 233-241	1.5	1
9	Single Layer Drying Behavior of Apple Slices in a Microwave Dryer. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 842-847	0.7	1
8	Finite Element Simulation of Drying of Rough Rice. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 860-864	0.7	1
7	Experimental and numerical investigation of heat transfer in a channel with multiple phase change materials (PCMs). <i>Journal of Energy Storage</i> , 2022 , 45, 103710	7.8	1
6	CENTRIFUGALLY DRIVEN FLOW AND HEAT TRANSFER IN A ROTATING CYLINDER UNIFORMLY HEATED FROM BOTTOM. <i>Transactions of the Canadian Society for Mechanical Engineering</i> , 2004 , 28, 7-13 ^{1.1}	1.1	1
5	Drying kinetics of cotton based yarn bobbins in a pressurized hot-air convective dryer. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2017 , 231, 294-308	1.5	
4	Simulation of Drying Behavior of Cotton Bobbins by a Simultaneous Heat and Mass Transfer Model. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 854-859	0.7	

- 3 Drying Behavior of Polyester Based Yarn Bobbins in a Hot-Air Bobbin Dryer. *Defect and Diffusion Forum*, **2011**, 312-315, 848-853 0.7
- 2 Thermal Convection in a Closed Vertical Rotating Circular Cylinder Heated From the Top **2003**, 179
- 1 A mathematical model for through-air drying process of yarn bobbins. *Journal of the Textile Institute*, 1-10 1.5