

Manoj K Choudhary

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

123
citations

1684188

5
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical Modeling of Flow and Heat Transfer Phenomena in Glass Melting, Delivery, and Forming Processes. International Journal of Applied Glass Science, 2010, 1, 188-214.	2.0	43
2	Recent Advances in Mathematical Modeling of Flow and Heat Transfer Phenomena in Glass Furnaces. Journal of the American Ceramic Society, 2002, 85, 1030-1036.	3.8	28
3	Radiative heat transfer in processing of glass-forming melts. International Journal of Applied Glass Science, 2018, 9, 218-234.	2.0	18
4	Modeling batch melting: Roles of heat transfer and reaction kinetics. Journal of the American Ceramic Society, 2020, 103, 701-718.	3.8	13
5	Dissolution of Polydisperse Silica Grains in Glass Melts-Analysis. Journal of the American Ceramic Society, 1990, 73, 3053-3058.	3.8	9
6	Modeling of three-dimensional flow and heat transfer in polystyrene foam extrusion dies. Polymer Engineering and Science, 2008, 48, 1177-1182.	3.1	5
7	Mathematical Modeling of Flow and Heat-Transfer Phenomena in Glass Furnace Channels and Forehearth. Journal of the American Ceramic Society, 1991, 74, 3091-3099.	3.8	4
8	Analysis of Heat Transfer in the Corroding Sidewall of a Furnace. Journal of the American Ceramic Society, 1989, 72, 2325-2333.	3.8	1
9	Geometric optics based analysis of radiation heat transfer in glass melting furnace foams. International Journal of Applied Glass Science, 2021, 12, 337-347.	2.0	1
10	Comments on "A New Method to Optimize Furnace Designs Using Daily Flow Rates to Maximize Energy Savings in the Steady Production". Journal of the American Ceramic Society, 2010, 93, 1083.	3.8	0