

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 | 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 |
| 2 | Modeling batch melting: Roles of heat transfer and reaction kinetics. Journal of the American Ceramic Society, 2020, 103, 701-718. | 3.8 | 13 |
| 3 | Radiative heat transfer in processing of glass-forming melts. International Journal of Applied Glass Science, 2018, 9, 218-234. | 2.0 | 18 |
| 4 | 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 |
| 5 | 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 |
| 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 | 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 |
| 8 | 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 |
| 9 | Dissolution of Polydisperse Silica Grains in Glass Melts-Analysis. Journal of the American Ceramic Society, 1990, 73, 3053-3058. | 3.8 | 9 |
| 10 | Analysis of Heat Transfer in the Corroding Sidewall of a Furnace. Journal of the American Ceramic Society, 1989, 72, 2325-2333. | 3.8 | 1 |