

Ismail B Celik

List of Publications by Year in descending order

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14
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1040056

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docs citations

15
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Experiments on Application of Richardson Extrapolation With Nonuniform Grids. Journal of Fluids Engineering, Transactions of the ASME, 1997, 119, 584-590.	1.5	191
2	Single Grid Error Estimation Using Error Transport Equation. Journal of Fluids Engineering, Transactions of the ASME, 2004, 126, 778-790.	1.5	45
3	Numerical Uncertainty in Fluid Flow Calculations: Needs for Future Research. Journal of Fluids Engineering, Transactions of the ASME, 1993, 115, 194-195.	1.5	35
4	Assessment of numerical uncertainty for the calculations of turbulent flow over a backward-facing step. International Journal for Numerical Methods in Fluids, 2005, 49, 1015-1031.	1.6	23
5	Solid-State Synthesis of Calcium Carbide by Using 2.45 GHz Microwave Reactor. Industrial & Engineering Chemistry Research, 2015, 54, 11001-11010.	3.7	16
6	A New Approach in Modeling Phase Distribution in Fully Developed Bubbly Pipe Flow. Flow, Turbulence and Combustion, 2002, 68, 289-311.	2.6	14
7	Theoretical Calculation of the Electrical Potential at the Electrode/Electrolyte Interfaces of Solid Oxide Fuel Cells. Journal of Fuel Cell Science and Technology, 2005, 2, 238-245.	0.8	12
8	RANS/LES/DES/DNS: The Future Prospects of Turbulence Modeling. Journal of Fluids Engineering, Transactions of the ASME, 2005, 127, 829-830.	1.5	12
9	Reaction Kinetics Modeling of CaC ₂ Formation From Coal and Lime. Industrial & Engineering Chemistry Research, 2014, 53, 2963-2975.	3.7	11
10	Quantifying the uncertainty introduced by discretization and time averaging in two-fluid model predictions. AIChE Journal, 2017, 63, 5343-5360.	3.6	8
11	One-Dimensional Modeling and Measurement of Pulsating Gas-Solid Flow in Tubes. Combustion Science and Technology, 1993, 94, 353-378.	2.3	7
12	Impact of particle loading and phase coupling on gas-solid flow dynamics: A case study of a two-phase, gas-solid flow in an annular pipe. Physics of Fluids, 2021, 33, .	4.0	6
13	ISOTHERMAL PREDICTION OF PARTICLE AND GAS FLOW IN A COAL-FIRED REACTOR. Particulate Science and Technology, 1988, 6, 53-68.	2.1	5
14	Component-Based Modelling of Multi-Physics Systems. International Journal of Modelling and Simulation, 2010, 30, 409-415.	3.3	1