

Ismail B Celik

List of Publications by Year in descending order

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14
papers

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citations

1040056

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15
times ranked

317
citing authors

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