

Ankan Kumar

List of Publications by Year in descending order

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9
papers

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citations

1478505

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1720034

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9
docs citations

9
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward simulation of full-scale monolithic catalytic converters with complex heterogeneous chemistry. Computers and Chemical Engineering, 2010, 34, 135-145.	3.8	39
2	Adaptation and application of the In Situ Adaptive Tabulation (ISAT) procedure to reacting flow calculations with complex surface chemistry. Computers and Chemical Engineering, 2011, 35, 1317-1327.	3.8	25
3	Finite-Volume Formulation and Solution of the P3 Equations of Radiative Transfer on Unstructured Meshes. Journal of Heat Transfer, 2010, 132, .	2.1	23
4	Coupled solution of the species conservation equations using unstructured finite-volume method. International Journal for Numerical Methods in Fluids, 2010, 64, 409-442.	1.6	18
5	Assessment of various diffusion models for the prediction of heterogeneous combustion in monolith tubes. Computers and Chemical Engineering, 2008, 32, 1482-1493.	3.8	15
6	Ionic and Biomolecular Transport in Nanochannels. Nanoscale and Microscale Thermophysical Engineering, 2007, 11, 177-199.	2.6	9
7	Assessment of the dilute approximation for the prediction of combined heat and mass transfer rates in multi-component systems. Heat and Mass Transfer, 2007, 43, 1329-1337.	2.1	5
8	A Low-Memory Block-Implicit Solver for Coupled Solution of the Species Conservation Equations on an Unstructured Mesh. , 2007, , .		3
9	Transient Electroosmotic Flow in Nano-channels. , 2005, , .		1