

Cfm Coimbra

List of Publications by Year in descending order

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9
papers

989
citations

1163117
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1474206
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g-index

9
all docs

9
docs citations

9
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanics with variable-order differential operators. Annalen Der Physik, 2003, 12, 692-703.	2.4	385
2	Fundamental aspects of modeling turbulent particle dispersion in dilute flows. Progress in Energy and Combustion Science, 1996, 22, 363-399.	31.2	173
3	The variable viscoelasticity oscillator. Annalen Der Physik, 2005, 14, 378-389.	2.4	124
4	A variable order constitutive relation for viscoelasticity. Annalen Der Physik, 2007, 16, 543-552.	2.4	117
5	Variable Order Modeling of Diffusive-convective Effects on the Oscillatory Flow Past a Sphere. JVC/Journal of Vibration and Control, 2008, 14, 1659-1672.	2.6	98
6	3-D numerical model for predicting NOx emissions from an industrial pulverized coal combustor. Fuel, 1994, 73, 1128-1134.	6.4	63
7	Optimal design of non-Newtonian, micro-scale viscous pumps for biomedical devices. Biotechnology and Bioengineering, 2007, 96, 37-47.	3.3	17
8	Modeling particle dispersion in a turbulent, multiphase mixing layer. Journal of Wind Engineering and Industrial Aerodynamics, 1998, 73, 79-97.	3.9	10
9	VARIABLE ORDER MODELING OF DIFFUSIVE-CONVECTIVE EFFECTS IN THE OSCILLATORY FLOW PAST A SPHERE. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 454-459.	0.4	2