Cfm Coimbra

List of Publications by Year
in descending order

9 papers	**989** citations	1163117 **8** h-index	1474206 **9** g-index
9 all docs	**9** docs citations	**9** times ranked	**589** citing authors

#	Article	IF	Citations
1	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
2	Optimal design of non-Newtonian, micro-scale viscous pumps for biomedical devices. Biotechnology and Bioengineering, 2007, 96, 37-47.	3.3	17
3	A variable order constitutive relation for viscoelasticity. Annalen Der Physik, 2007, 16, 543-552.	2.4	117
4	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
5	The variable viscoelasticity oscillator. Annalen Der Physik, 2005, 14, 378-389.	2.4	124
6	Mechanics with variable-order differential operators. Annalen Der Physik, 2003, 12, 692-703.	2.4	385
7	Modeling particle dispersion in a turbulent, multiphase mixing layer. Journal of Wind Engineering and Industrial Aerodynamics, 1998, 73, 79-97.	3.9	10
8	Fundamental aspects of modeling turbulent particle dispersion in dilute flows. Progress in Energy and Combustion Science, 1996, 22, 363-399.	31.2	173
9	3-D numerical model for predicting NOx emissions from an industrial pulverized coal combustor. Fuel, 1994, 73, 1128-1134.	6.4	63