Mohamed Al-Lawatia

List of Publications by Year
in descending order

13 papers	183 citations	1307594 7 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	102 citing authors

#	Article	IF	Citations
1	Predator–prey harvesting model with fatal disease in prey. Mathematical Methods in the Applied Sciences, 2016, 39, 2647-2658.	2.3	7
2	An Eulerian–Lagrangian control volume scheme for two–dimensional unsteady advection–diffusion problems. Numerical Methods for Partial Differential Equations, 2012, 28, 1481-1496.	3.6	2
3	A CFL–free explicit characteristic interior penalty scheme for linear advection–reaction equations. Numerical Methods for Partial Differential Equations, 2010, 26, 561-595.	3.6	3
4	An Eulerian-Lagrangian method for option pricing in finance. Numerical Methods for Partial Differential Equations, 2007, 23, 293-329.	3.6	0
5	An Eulerian-Lagrangian discontinuous Galerkin method for transient advection-diffusion equations. Numerical Methods for Partial Differential Equations, 2007, 23, 1343-1367.	3.6	18
6	A locally conservative Eulerian-Lagrangian control-volume method for transient advection-diffusion equations. Numerical Methods for Partial Differential Equations, 2006, 22, 577-599.	3.6	14
7	A preliminary investigation on an ELLAM scheme for linear transport equations. Numerical Methods for Partial Differential Equations, 2003, 19, 22-43.	3.6	1
8	An Eulerian-Lagrangian substructuring domain decomposition method for unsteady-state advection-diffusion equations. Numerical Methods for Partial Differential Equations, 2001, 17, 565-583.	3.6	3
9	Second-order characteristic methods for advection–diffusion equations and comparison to other schemes. Advances in Water Resources, 1999, 22, 741-768.	3.8	33
10	A Family of Eulerian–Lagrangian Localized Adjoint Methods for Multi-dimensional Advection-Reaction Equations. Journal of Computational Physics, 1999, 152, 120-163.	3.8	75
11	A characteristic domain decomposition and space-time local refinement method for first-order linear hyperbolic equations with interfaces. Numerical Methods for Partial Differential Equations, 1999, 15, 1-28.	3.6	8
12	Runge-Kutta characteristic methods for first-order linear hyperbolic equations. Numerical Methods for Partial Differential Equations, 1997, 13, 617-661.	3.6	15
13	Runge–Kutta characteristic methods for first–order linear hyperbolic equations. Numerical Methods for Partial Differential Equations, 1997, 13, 617-661.	3.6	3