

# Mohamed Al-Lawatia

## List of Publications by Year in descending order

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13  
papers

183  
citations

1307594

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1199594

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102  
citing authors

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