

Carlos E Mejía-a

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9520524/publications.pdf>

Version: 2024-02-01

12
papers

88
citations

1478458

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1474186

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13
all docs

13
docs citations

13
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	A numerical method for a time-fractional advection–dispersion equation with a nonlinear source term. <i>Journal of Applied Mathematics and Computing</i> , 2019, 61, 593-609.	2.5	5
2	A Two Dimensional Discrete Mollification Operator and the Numerical Solution of an Inverse Source Problem. <i>Axioms</i> , 2018, 7, 89.	1.9	5
3	Solución de un problema inverso de advección-dispersión con derivada temporal fraccionaria por medio de mollificación discreta. <i>Revista Colombiana De Matematicas</i> , 2017, 51, 83-102.	0.2	3
4	Efficient parameter estimation in a macroscopic traffic flow model by discrete mollification. <i>Transportmetrica A: Transport Science</i> , 2015, 11, 702-715.	2.0	5
5	A STABILITY AND SENSITIVITY ANALYSIS OF PARAMETRIC FUNCTIONS IN A SEDIMENTATION MODEL. <i>DYNA (Colombia)</i> , 2014, 81, 22.	0.4	2
6	Monotone difference schemes stabilized by discrete mollification for strongly degenerate parabolic equations. <i>Numerical Methods for Partial Differential Equations</i> , 2012, 28, 38-62.	3.6	9
7	Numerical identification of a nonlinear diffusion coefficient by discrete mollification. <i>Computers and Mathematics With Applications</i> , 2011, 62, 2187-2199.	2.7	8
8	A mollification based operator splitting method for convection diffusion equations. <i>Computers and Mathematics With Applications</i> , 2010, 59, 1397-1408.	2.7	7
9	A multi-dimensional residual functional for obtaining the Proper Orthogonal Decomposition coefficients in model reduction. , 2010, , .		2
10	Approximate solution of hyperbolic conservation laws by discrete mollification. <i>Applied Numerical Mathematics</i> , 2009, 59, 2256-2265.	2.1	8
11	Stabilization of explicit methods for convection diffusion equations by discrete mollification. <i>Computers and Mathematics With Applications</i> , 2008, 55, 368-380.	2.7	21
12	New stable numerical inversion of Abel's integral equation. <i>Computers and Mathematics With Applications</i> , 1992, 23, 3-11.	2.7	13