

Aa Soliman

List of Publications by Year in descending order

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21
papers

1,503
citations

567144

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752573

20
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21
all docs

21
docs citations

21
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Variational iteration method for solving Burger's and coupled Burger's equations. Journal of Computational and Applied Mathematics, 2005, 181, 245-251.	1.1	417
2	New applications of variational iteration method. Physica D: Nonlinear Phenomena, 2005, 211, 1-8.	1.3	242
3	A numerical simulation and explicit solutions of KdV-Burgers's and Lax's seventh-order KdV equations. Chaos, Solitons and Fractals, 2006, 29, 294-302.	2.5	152
4	The modified extended tanh-function method for solving Burgers-type equations. Physica A: Statistical Mechanics and Its Applications, 2006, 361, 394-404.	1.2	128
5	Modified extended tanh-function method and its application on nonlinear physical equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 353, 487-492.	0.9	84
6	New application of Exp-function method for improved Boussinesq equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 469-475.	0.9	78
7	Numerical simulation of the generalized regularized long wave equation by He's variational iteration method. Mathematics and Computers in Simulation, 2005, 70, 119-124.	2.4	69
8	Collocation method using quadratic B-spline for the RLW equation. International Journal of Computer Mathematics, 2001, 78, 399-412.	1.0	57
9	Collocation solution for RLW equation with septic spline. Applied Mathematics and Computation, 2005, 161, 623-636.	1.4	57
10	The numerical simulation for stiff systems of ordinary differential equations. Computers and Mathematics With Applications, 2007, 54, 1055-1063.	1.4	52
11	Numerical solutions of nonlinear evolution equations using variational iteration method. Journal of Computational and Applied Mathematics, 2007, 207, 111-120.	1.1	44
12	Soliton solution for nonlinear partial differential equations by cosine-function method. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 299-304.	0.9	30
13	On the solution of two-dimensional coupled Burgers's equations by variational iteration method. Chaos, Solitons and Fractals, 2009, 40, 1146-1155.	2.5	20
14	Exact traveling wave solution of nonlinear variants of the RLW and the PHI-four equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 383-390.	0.9	17
15	Numerical solution for the KdV equation based on similarity reductions. Applied Mathematical Modelling, 2009, 33, 1107-1115.	2.2	17
16	Exact solutions of KdV-Burgers's equation by Exp-function method. Chaos, Solitons and Fractals, 2009, 41, 1034-1039.	2.5	16
17	Exact travelling wave solutions of nonlinear partial differential equations. Chaos, Solitons and Fractals, 2007, 32, 808-815.	2.5	11
18	Alpha particle spectroscopy for CR-39 detector utilizing matrix of energy equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 359-366.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Alpha spectroscopy in CR-39 SSNTDs using energy simulation and matrix of energy equations for open field studies. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 2959-2966.	0.9	5
20	A numerical simulation of modified Boussinesq and seven-order Sawada-Kotara equations. International Journal of Numerical Methods for Heat and Fluid Flow, 2011, 21, 320-330.	1.6	1
21	New periodic solitary wave solutions for an extended generalization of Vakhnenko equation. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2015, 18, 99-101.	1.0	0