Farzad Khani

List of Publications by Year
in descending order

50 papers	1,142 citations	361413 20 h-index	414414 32 g-index
50 all docs	50 docs citations	50 times ranked	575 citing authors

#	Article	IF	Citations
1	A correction of (2+1) Dimensional BTZ Black Hole Entropy as a New Series with Dependence on Plank Constant. International Journal of Theoretical Physics, 2018, 57, 127-130.	1.2	0
2	Numerical investigation for a hyperbolic annular fin with temperature dependent thermal conductivity. Propulsion and Power Research, 2016, 5, 55-62.	4.3	27
3	Thermal analysis of natural convection and radiation in a fully wet porous fin. International Journal of Numerical Methods for Heat and Fluid Flow, 2016, 26, 2419-2431.	2.8	39
4	Thermal analysis of a fully wet porous radial fin with natural convection and radiation using the spectral collocation method. International Journal of Applied Mechanics and Engineering, 2016, 21, 377-392.	0.7	10
5	Thermal performance of a porus radial fin with natural convection and radiative heat losses. Thermal Science, 2015, 19, 669-678.	1.1	27
6	Numerical investigation of the flow of a micropolar fluid through a porous channel with expanding or contracting walls. Propulsion and Power Research, 2014, 3, 133-142.	4.3	5
7	Corrected horizon of Kerr-Sen black hole as a series with terms involve powers of the inverse of the area. Astrophysics and Space Science, 2014, 350, 275-277.	1.4	3
8	Unsteady thermal response of a porous fin under the influence of natural convection and radiation. Heat and Mass Transfer, 2014, 50, 1311-1317.	2.1	22
9	Hawking temperature and entropy of Kerr-Sen black hole as a series with dependence on Plank constant. Astrophysics and Space Science, 2013, 348, 189-191.	1.4	7
10	Synthesis, characterization, and experimental investigation of surface activity of SERS substrates using neodymium oxide (Nd2O3). Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	6
11	Generalized uncertainty principle and Bekenstein-Hawking entropy in tunneling rate of Kerr black hole. Astrophysics and Space Science, 2013, 346, 127-130.	1.4	3
12	Generalized uncertainty principle and quantum gravitational effects on tunneling rate of Reissner-Nordström black hole. Astrophysics and Space Science, 2013, 343, 161-164.	1.4	4
13	The phase space of quintom cosmology. Astrophysics and Space Science, 2013, 345, 421-425.	1.4	3
14	Natural convection and radiation in porous fins. International Journal of Numerical Methods for Heat and Fluid Flow, 2013, 23, 1406-1420.	2.8	26
15	AN EFFICIENT NUMERICAL METHOD FOR SOLVING FREDHOLM INTEGRAL EQUATIONS OVER (0,+infty). International Journal of Pure and Applied Mathematics, 2013, 85, .	0.2	0
16	New Exact Solutions of a Relativistic Toda Lattice System. Chinese Physics Letters, 2012, 29, 094101.	3.3	6
17	Generalized uncertainty principle and s-wave semiclassical tunneling radiation of Kerr black hole. Astrophysics and Space Science, 2012, 341, 465-468.	1.4	1
18	Measuring the relative efficiency of Ilam hospitals using data envelopment analysis. Management Science Letters, 2012, 2, 1189-1194.	1.5	6

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19	Neural networks and forecasting stock price movements-accounting approach: Empirical evidence from Iran , Pages 1417-1424. Management Science Letters, 2012, 2, 1417-1424.	1.5	1
20	Simultaneous heat and mass transfer in natural convection about an isothermal vertical plate. Journal of King Saud University - Science, 2012, 24, 123-129.	3.5	6
21	Convectionâ€"radiation from a continuously moving fin of variable thermal conductivity. Journal of the Franklin Institute, 2011, 348, 640-651.	3.4	68
22	Symmetric modified AOR method to solve systems ofÂlinear equations. Journal of Applied Mathematics and Computing, 2011, 36, 41-59.	2.5	5
23	Analytical investigation for cooling turbine disks with a non-Newtonian viscoelastic fluid. Computers and Mathematics With Applications, 2011, 61, 1728-1738.	2.7	28
24	Homotopy Analysis Method for Variable Thermal Conductivity Heat Flux Gage with Edge Contact Resistance. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 771-776.	1.5	14
25	Thermal analysis of a longitudinal trapezoidal fin with temperature-dependent thermal conductivity and heat transfer coefficient. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 590-601.	3.3	93
26	Analytic solutions for a rotating radial fin of rectangular and various convex parabolic profiles. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 1565-1574.	3.3	28
27	NEW EXACT SOLUTIONS OF COUPLED (2+1)-DIMENSIONAL NONLINEAR SYSTEMS OF SCHRÃ—DINGER EQUATIONS. ANZIAM Journal, 2010, 52, 110-121.	0.2	24
28	Solution of Some Systems of Nonlinear Partial Differential Equations by Variational Iteration Method. Journal of Algorithms and Computational Technology, 2010, 4, 1-14.	0.7	0
29	New modification of the HPM for numerical solutions of the sine-Gordon and coupled sine-Gordon equations. International Journal of Computer Mathematics, 2010, 87, 908-919.	1.8	23
30	New Exact Solutions of the Brusselator Reaction Diffusion Model Using the Exp-Function Method. Mathematical Problems in Engineering, 2009, 2009, 1-9.	1.1	9
31	A series solution of the foam drainage equation. Computers and Mathematics With Applications, 2009, 58, 360-368.	2.7	33
32	A series solution of the fin problem with a temperature-dependent thermal conductivity. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3007-3017.	3.3	51
33	The homotopy analysis method to solve the Burgersâ€"Huxley equation. Nonlinear Analysis: Real World Applications, 2009, 10, 589-600.	1.7	124
34	New solitary wave and periodic solutions of the foam drainage equation using the Exp-function method. Nonlinear Analysis: Real World Applications, 2009, 10, 1904-1911.	1.7	47
35	Numerical and explicit solutions of the fifth-order Korteweg-de Vries equations. Chaos, Solitons and Fractals, 2009, 39, 2484-2490.	5.1	25
36	Analytic study on the higher order Ito equations: New solitary wave solutions using the Exp-function method. Chaos, Solitons and Fractals, 2009, 41, 2128-2134.	5.1	9

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37	Deformed time–energy uncertainty in string theory. Chaos, Solitons and Fractals, 2009, 42, 1097-1099.	5.1	2
38	Minimal length uncertainty and generalized non-commutative geometry. Chaos, Solitons and Fractals, 2009, 42, 2833-2835.	5.1	2
39	Analytical solutions and efficiency of the nonlinear fin problem with temperature-dependent thermal conductivity and heat transfer coefficient. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3327-3338.	3.3	102
40	Analytic solution for heat transfer of a third grade viscoelastic fluid in non-Darcy porous media with thermophysical effects. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 3867-3878.	3.3	28
41	Some new exact solutions of the (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /Ove... variable coefficient Broer–Kaup system using the Exp-function method. Computers and Mathematics With Applications, 2009, 58, 2325-2329.	2.7	9
42	Numerical solutions of highly oscillatory integrals. Applied Mathematics and Computation, 2008, 198, 657-664.	2.2	11
43	Spectral collocation method and Darvishi's preconditionings to solve the generalized Burgers–Huxley equation. Communications in Nonlinear Science and Numerical Simulation, 2008, 13, 2091-2103.	3.3	58
44	Symmetric block-SOR methods for rank-deficient least squares problems. Journal of Computational and Applied Mathematics, 2008, 215, 14-27.	2.0	7
45	Application of He's Homotopy Perturbation Method to Stiff Systems of Ordinary Differential Equations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2008, 63, 19-23.	1.5	18
46	Spectral collocation solution of a generalized Hirota–Satsuma coupled KdV equation. International Journal of Computer Mathematics, 2007, 84, 541-551.	1.8	14
47	The numerical simulation for stiff systems of ordinary differential equations. Computers and Mathematics With Applications, 2007, 54, 1055-1063.	2.7	52
48	A reliable treatment for nonlinear Schrödinger equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 371, 234-240.	2.1	15
49	Soliton solutions of the two-dimensional KdV-Burgers equation by homotopy perturbation method. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 370, 433-436.	2.1	25
50	A numerical solution of the Korteweg-de Vries equation by pseudospectral method using Darvishi's preconditionings. Applied Mathematics and Computation, 2006, 182, 98-105.	2.2	16