O Abdulaziz

List of Publications by Year
in descending order

13 papers	907 citations	759233 12 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	638 citing authors

#	Article	IF	Citations
1	Homotopy analysis method for fractional IVPs. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 674-684.	3.3	360
2	Solving systems of fractional differential equations by homotopy-perturbation method. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 451-459.	2.1	122
3	Comparison of homotopy analysis method and homotopy-perturbation method for purely nonlinear fin-type problems. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 371-378.	3.3	80
4	Application of homotopy-perturbation method to fractional IVPs. Journal of Computational and Applied Mathematics, 2008, 216, 574-584.	2.0	75
5	MHD flow and heat transfer in a thin liquid film on an unsteady stretching sheet by the homotopy analysis method. International Journal for Numerical Methods in Fluids, 2010, 63, 357-373.	1.6	50
6	Further accuracy tests on Adomian decomposition method for chaotic systems. Chaos, Solitons and Fractals, 2008, 36, 1405-1411.	5.1	49
7	Approximate analytical solution to fractional modified KdV equations. Mathematical and Computer Modelling, 2009, 49, 136-145.	2.0	40
8	Application of homotopy-perturbation method to nonlinear population dynamics models. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 251-258.	2.1	36
9	Homotopy analysis method for fully developed MHD micropolar fluid flow between vertical porous plates. International Journal for Numerical Methods in Engineering, 2009, 78, 817-827.	2.8	29
10	Fully Developed Free Convection Heat and Mass Transfer of a Micropolar Fluid Between Porous Vertical Plates. Numerical Heat Transfer; Part A: Applications, 2009, 55, 270-288.	2.1	26
11	Solving variational problems by homotopy–perturbation method. International Journal for Numerical Methods in Engineering, 2008, 75, 709-721.	2.8	16
12	Series Solutions of Time-Fractional PDEs by Homotopy Analysis Method. Differential Equations and Nonlinear Mechanics, 2008, 2008, 1-16.	0.3	15
13	On convergence of homotopy analysis method andÂitsÂmodification for fractional modified KdV equations. Journal of Applied Mathematics and Computing, 2010, 33, 61-81.	2.5	9