Shaukat Iqbal

List of Publications by Year
in descending order

27 papers	590 citations	932766 10 h-index	713013 21 g-index
28 all docs	28 docs citations	28 times ranked	452 citing authors

#	Article	IF	Citations
1	A Multi-Simplex Imperialist Competitive Paradigm for Solving Nonlinear Physical Systems. Intelligent Automation and Soft Computing, 2022, 32, 149-166.	1.6	0
2	Fluid model using recursive approach: Application to permeable slit with uniform reabsorption and velocity slip. Results in Physics, 2021, 25, 104196.	2.0	4
3	Numerical Investigation of Heat Transfer on Unsteady Hiemenz Cu-Water and Ag-Water Nanofluid Flow over a Porous Wedge Due to Solar Radiation. Applied Sciences (Switzerland), 2021, 11, 10855.	1.3	2
4	Theoretical Analysis of Roll-Over-Web Surface Thin Layer Coating. Coatings, 2020, 10, 691.	1.2	5
5	Privacy Policies' Readability Analysis of Contemporary Free Healthcare Apps. , 2020, , .		0
6	Controlled showering optimization algorithm: an intelligent tool for decision making in global optimization. Computational and Mathematical Organization Theory, 2019, 25, 132-164.	1.5	8
7	Comparative Analysis of Unstructured P2P File Sharing Networks. , 2019, , .		1
8	Constructive Alignment: Investigating Student's Use of Mobile Technologies in University Classrooms. , 2019, , .		2
9	Analysis of a Thin Layer Formation of Third-Grade Fluid. Coatings, 2019, 9, 741.	1.2	4
10	A security framework for mHealth apps on Android platform. Computers and Security, 2018, 75, 191-217.	4.0	84
11	Conceptual framework for the security of mobile health applications on Android platform. Telematics and Informatics, 2018, 35, 1335-1354.	3.5	91
12	Stability analysis, dynamical behavior and analytical solutions of nonlinear fractional differential system arising in chemical reaction. Chinese Journal of Physics, 2018, 56, 374-384.	2.0	42
13	Numerical treatment of nonlinear model of virus propagation in computer networks: an innovative evolutionary Padé approximation scheme. Advances in Difference Equations, 2018, 2018, .	3.5	10
14	Linear and Nonlinear Electrical Models of Neurons for Hopfield Neural Network. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 995-1002.	0.7	1
15	NUMERICAL SOLUTIONS OF TELEGRAPH EQUATIONS USING AN OPTIMAL HOMOTOPY ASYMPTOTIC METHOD. Heat Transfer Research, 2015, 46, 699-712.	0.9	1
16	A note on optimal homotopy asymptotic method for the solutions of fractional order heat- and wave-like partial differential equations. Computers and Mathematics With Applications, 2015, 70, 942-953.	1.4	52
17	Optimal Range of Parameters of Hopfield's Neural Network for Shortest Path Computation in Routing. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 129-134.	0.7	1
18	Optimal homotopy asymptotic method for solving Volterra integral equation of first kind. AEJ - Alexandria Engineering Journal, 2014, 53, 751-755.	3.4	16

#	Article	IF	Citations
19	SEMI-ANALYTICAL SOLUTIONS OF NONLINEAR PROBLEMS OF THE DEFORMATION OF BEAMS AND OF THE PLATE DEFLECTION THEORY USING THE OPTIMAL HOMOTOPY ASYMPTOTIC METHOD. Heat Transfer Research, 2014, 45, 603-620.	0.9	5
20	Optimal homotopy asymptotic method for solving nonlinear Fredholm integral equations of second kind. Applied Mathematics and Computation, 2012, 218, 10982-10989.	1.4	38
21	Numerical solutions of weakly singular Volterra integral equations using the optimal homotopy asymptotic method. Computers and Mathematics With Applications, 2012, 64, 1567-1574.	1.4	38
22	Galerkin's finite element formulation of the system of fourth-order boundary-value problems. Numerical Methods for Partial Differential Equations, 2011, 27, 1551-1560.	2.0	1
23	Application of optimal homotopy asymptotic method for the analytic solution of singular Lane–Emden type equation. Applied Mathematics and Computation, 2011, 217, 7753-7761.	1.4	85
24	Some solutions of the linear and nonlinear Klein–Gordon equations using the optimal homotopy asymptotic method. Applied Mathematics and Computation, 2010, 216, 2898-2909.	1.4	74
25	Galerkin's finite element formulation of the second-order boundary-value problems. International Journal of Computer Mathematics, 2010, 87, 2032-2042.	1.0	5
26	A spatially adaptive grid-refinement approach for the finite element solution of the even-parity Boltzmann transport equation. Annals of Nuclear Energy, 2007, 34, 600-613.	0.9	17
27	Proliferative Effects of Lung Cancer Cells Derived Exosomes on T Cells. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	0