

Shaukat Iqbal

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

590
citations

933447

10
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Conceptual framework for the security of mobile health applications on Android platform. <i>Telematics and Informatics</i> , 2018, 35, 1335-1354.	5.8	91
2	Application of optimal homotopy asymptotic method for the analytic solution of singular Lane–Emden type equation. <i>Applied Mathematics and Computation</i> , 2011, 217, 7753-7761.	2.2	85
3	A security framework for mHealth apps on Android platform. <i>Computers and Security</i> , 2018, 75, 191-217.	6.0	84
4	Some solutions of the linear and nonlinear Klein–Gordon equations using the optimal homotopy asymptotic method. <i>Applied Mathematics and Computation</i> , 2010, 216, 2898-2909.	2.2	74
5	A note on optimal homotopy asymptotic method for the solutions of fractional order heat- and wave-like partial differential equations. <i>Computers and Mathematics With Applications</i> , 2015, 70, 942-953.	2.7	52
6	Stability analysis, dynamical behavior and analytical solutions of nonlinear fractional differential system arising in chemical reaction. <i>Chinese Journal of Physics</i> , 2018, 56, 374-384.	3.9	42
7	Optimal homotopy asymptotic method for solving nonlinear Fredholm integral equations of second kind. <i>Applied Mathematics and Computation</i> , 2012, 218, 10982-10989.	2.2	38
8	Numerical solutions of weakly singular Volterra integral equations using the optimal homotopy asymptotic method. <i>Computers and Mathematics With Applications</i> , 2012, 64, 1567-1574.	2.7	38
9	A spatially adaptive grid-refinement approach for the finite element solution of the even-parity Boltzmann transport equation. <i>Annals of Nuclear Energy</i> , 2007, 34, 600-613.	1.8	17
10	Optimal homotopy asymptotic method for solving Volterra integral equation of first kind. <i>AEJ - Alexandria Engineering Journal</i> , 2014, 53, 751-755.	6.4	16
11	Numerical treatment of nonlinear model of virus propagation in computer networks: an innovative evolutionary Pad� approximation scheme. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	10
12	Controlled showering optimization algorithm: an intelligent tool for decision making in global optimization. <i>Computational and Mathematical Organization Theory</i> , 2019, 25, 132-164.	2.0	8
13	Galerkin's finite element formulation of the second-order boundary-value problems. <i>International Journal of Computer Mathematics</i> , 2010, 87, 2032-2042.	1.8	5
14	Theoretical Analysis of Roll-Over-Web Surface Thin Layer Coating. <i>Coatings</i> , 2020, 10, 691.	2.6	5
15	SEMI-ANALYTICAL SOLUTIONS OF NONLINEAR PROBLEMS OF THE DEFORMATION OF BEAMS AND OF THE PLATE DEFLECTION THEORY USING THE OPTIMAL HOMOTOPY ASYMPTOTIC METHOD. <i>Heat Transfer Research</i> , 2014, 45, 603-620.	1.6	5
16	Analysis of a Thin Layer Formation of Third-Grade Fluid. <i>Coatings</i> , 2019, 9, 741.	2.6	4
17	Fluid model using recursive approach: Application to permeable slit with uniform reabsorption and velocity slip. <i>Results in Physics</i> , 2021, 25, 104196.	4.1	4
18	Constructive Alignment: Investigating Student's Use of Mobile Technologies in University Classrooms. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	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.	2.5	2
20	Galerkin's finite element formulation of the system of fourth-order boundary-value problems. Numerical Methods for Partial Differential Equations, 2011, 27, 1551-1560.	3.6	1
21	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.	1.5	1
22	NUMERICAL SOLUTIONS OF TELEGRAPH EQUATIONS USING AN OPTIMAL HOMOTOPY ASYMPTOTIC METHOD. Heat Transfer Research, 2015, 46, 699-712.	1.6	1
23	Linear and Nonlinear Electrical Models of Neurons for Hopfield Neural Network. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2016, 71, 995-1002.	1.5	1
24	Comparative Analysis of Unstructured P2P File Sharing Networks. , 2019, , .		1
25	Privacy Policies' Readability Analysis of Contemporary Free Healthcare Apps. , 2020, , .		0
26	A Multi-Simplex Imperialist Competitive Paradigm for Solving Nonlinear Physical Systems. Intelligent Automation and Soft Computing, 2022, 32, 149-166.	2.1	0
27	Proliferative Effects of Lung Cancer Cells Derived Exosomes on T Cells. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	0