

# Imran Naeem

## List of Publications by Year in descending order

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times ranked

159  
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-form solutions of an economic growth model of tourism. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 2949-2963.	1.2	1
2	Generalized compacton equation, conservation laws and exact solutions. <i>Chaos, Solitons and Fractals</i> , 2022, 154, 111604.	2.5	5
3	Finding the closed-form solutions of dissipative oscillatory systems. <i>Scientific Reports</i> , 2022, 12, 4825.	1.6	0
4	Conservation laws and exact solutions of a family of compacton-supporting equations. <i>European Physical Journal Plus</i> , 2022, 137, .	1.2	1
5	Conservation laws and exact solutions of a generalized Kadomtsev-Petviashvili (KP) like equation. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 11206-11223.	1.2	1
6	Generalised conservation laws, reductions and exact solutions of the $$$$K(m,n)$$$ equations via double reduction theory. Pramana - Journal of Physics, 2021, 95, 1.$	0.9	3
7	Closed-form solutions of two-sector Romer model of endogenous growth using partial Hamiltonian approach. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 5681-5691.	1.2	1
8	The approximate Noether symmetries and approximate first integrals for the approximate Hamiltonian systems. <i>Nonlinear Dynamics</i> , 2019, 96, 2225-2239.	2.7	13
9	First integrals and exact solutions of some compartmental disease models. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2019, 74, 293-304.	0.7	2
10	First integrals and analytical solutions of some dynamical systems. <i>Nonlinear Dynamics</i> , 2019, 95, 1747-1765.	2.7	7
11	The Artificial Hamiltonian, First Integrals, and Closed-Form Solutions of Dynamical Systems for Epidemics. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2018, 73, 323-330.	0.7	10
12	Conservation Laws and Exact Solutions of Generalized Nonlinear System and Nizhink-Novikov-Veselov Equation. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-14.	0.6	5
13	Symmetry classification of time-fractional diffusion equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2017, 42, 560-570.	1.7	5
14	Generalization of approximate partial Noether approach in phase space. <i>Nonlinear Dynamics</i> , 2017, 88, 735-748.	2.7	9
15	Qualitative and Quantitative Techniques for Differential Equations Arising in Mathematical Physics. <i>Advances in Mathematical Physics</i> , 2017, 2017, 1-2.	0.4	0
16	First integrals and exact solutions of the SIRI and tuberculosis models. <i>Mathematical Methods in the Applied Sciences</i> , 2016, 39, 4654-4666.	1.2	10
17	A Partial Lagrangian Approach to Mathematical Models of Epidemiology. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-11.	0.6	5
18	Nonclassical Symmetry Analysis of Heated Two-Dimensional Flow Problems. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 1031-1037.	0.7	0

#	ARTICLE	IF	CITATIONS
19	Group classification and exact solutions of generalized modified Boussinesq equation. <i>Applicable Analysis</i> , 2015, 94, 1397-1404.	0.6	2
20	Comparison of Different Approaches to Construct First Integrals for Ordinary Differential Equations. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-15.	0.3	16
21	Mathematical Methods and Models in the Natural to the Life Sciences. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-2.	0.3	3
22	Analytical solutions of time-space fractional, advection-dispersion and Whitham-Broer-Kaup equations. <i>Pramana - Journal of Physics</i> , 2014, 83, 885-906.	0.9	0
23	Conservation laws and exact solutions of a class of non linear regularized long wave equations via double reduction theory and Lie symmetries. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013, 18, 826-834.	1.7	19
24	Conservation Laws of Some Physical Models via Symbolic Package GeM. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-7.	0.6	11
25	Reductions and New Exact Solutions of ZK, Gardner KP, and Modified KP Equations via Generalized Double Reduction Theorem. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-11.	0.3	10
26	Exact Solutions of Generalized Modified Boussinesq, Kuramoto-Sivashinsky, and Camassa-Holm Equations via Double Reduction Theory. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-8.	0.4	4
27	Nonclassical Symmetry Analysis of Boundary Layer Equations. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-7.	0.4	5
28	Similarity variables and reduction of the heat equation on torus. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012, 17, 1251-1257.	1.7	4
29	Conserved quantities for a class of $(1+n)$ -dimensional linear evolution equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012, 17, 2804-2814.	1.7	3
30	Group Invariant Solution for a Liquid Film on the Surface of a Sphere. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011, 66, 272-280.	0.7	2
31	Conservation laws for heat equation on curved surfaces. <i>Nonlinear Analysis: Real World Applications</i> , 2011, 12, 1359-1370.	0.9	10
32	First Integrals for Two Linearly Coupled Nonlinear Duffing Oscillators. <i>Mathematical Problems in Engineering</i> , 2011, 2011, 1-14.	0.6	3
33	Approximate First Integrals for a System of Two Coupled Van Der Pol Oscillators with Linear Diffusive Coupling. <i>Mathematical and Computational Applications</i> , 2010, 15, 720-731.	0.7	5
34	Conservation Laws and Conserved Quantities for Laminar Radial Jets with Swirl. <i>Mathematical and Computational Applications</i> , 2010, 15, 742-761.	0.7	1
35	Exact solutions of second grade aligned MHD fluid with prescribed vorticity. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 2117-2126.	0.9	15
36	Approximate partial Noether operators and first integrals for coupled nonlinear oscillators. <i>Nonlinear Dynamics</i> , 2009, 57, 303-311.	2.7	14

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37	Conservation laws for Camassa-Holm equation, Dullin-Gottwald-Holm equation and generalized Dullin-Gottwald-Holm equation. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 3466-3471.	0.9	12
38	Conditional linearizability criteria for a system of third-order ordinary differential equations. <i>Nonlinear Analysis: Real World Applications</i> , 2009, 10, 3404-3412.	0.9	9
39	Noether, partial Noether operators and first integrals for a linear system. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 342, 70-82.	0.5	10
40	Partial Noether Operators and First Integrals for a System with two Degrees of Freedom. <i>Journal of Nonlinear Mathematical Physics</i> , 2008, 15, 165.	0.8	3
41	First integrals for a general linear system of two second-order ODEs via a partial Lagrangian. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 355207.	0.7	6
42	Partial Noether operators and first integrals via partial Lagrangians. <i>Mathematical Methods in the Applied Sciences</i> , 2007, 30, 2079-2089.	1.2	47