Hasan Bulut

List of Publications by Year
in descending order

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176 papers	5,389 citations	66343 42 h-index	123424 61 g-index
176 all docs	176 docs citations	176 times ranked	1298 citing authors

#	Article	IF	Citations
1	Optical solitons to the space-time fractional (1+1)-dimensional coupled nonlinear SchrÃ¶dinger equation. Optik, 2018, 167, 150-156.	2.9	155
2	New Complex Hyperbolic Structures to the Lonngren-Wave Equation by Using Sine-Gordon Expansion Method. Applied Mathematics and Nonlinear Sciences, 2019, 4, 129-138.	1.6	153
3	Active Control of a Chaotic Fractional Order Economic System. Entropy, 2015, 17, 5771-5783.	2.2	128
4	Numerical simulation and solutions of the twoâ€component second order KdV evolutionarysystem. Numerical Methods for Partial Differential Equations, 2018, 34, 211-227.	3.6	116
5	Cancer treatment model with the Caputo-Fabrizio fractional derivative. European Physical Journal Plus, 2018, 133, 1.	2.6	113
6	Exponential prototype structures for (2+1)-dimensional Boiti-Leon-Pempinelli systems in mathematical physics. Waves in Random and Complex Media, 2016, 26, 189-196.	2.7	109
7	Optical Soliton Solutions of the Cubic-Quartic Nonlinear SchrÃ¶dinger and Resonant Nonlinear SchrÃ¶dinger Equation with the Parabolic Law. Applied Sciences (Switzerland), 2020, 10, 219.	2.5	107
8	Optical soliton solutions to the Fokasâ€“Lenells equation via sine-Gordon expansion method and $$(m+({G'}/{G}))$$-expansion method. Pramana - Journal of Physics, 2020, 94, 1.	1.8	107
9	On the numerical solutions of some fractional ordinary differential equations by fractional Adams-Bashforth-Moulton method. Open Mathematics, 2015, 13, .	1.0	99
10	On the complex and hyperbolic structures of the longitudinal wave equation in a magneto-electro-elastic circular rod. Smart Materials and Structures, 2016, 25, 035022.	3.5	98
11	Dynamics of soliton solutions in the chiral nonlinear SchrÃ¶dinger equations. Nonlinear Dynamics, 2018, 91, 1985-1991.	5.2	90
12	On the soliton solutions to the Nizhnik-Novikov-Veselov and the Drinfelâ€™d-Sokolov systems. Optical and Quantum Electronics, 2018, 50, 1.	3.3	89
13	Solitons in an inhomogeneous Murnaghanâ€™s rod. European Physical Journal Plus, 2018, 133, 1.	2.6	86
14	Optical solitons and other solutions to the conformable spaceâ€“time fractional Fokasâ€“Lenells equation. Optik, 2018, 172, 20-27.	2.9	84
15	New wave behaviors of the system of equations for the ion sound and Langmuir Waves. Waves in Random and Complex Media, 2016, 26, 613-625.	2.7	83
16	On the complex structures of Kundu-Eckhaus equation via improved Bernoulli sub-equation function method. Waves in Random and Complex Media, 2015, 25, 720-728.	2.7	82
17	The Modified Trial Equation Method for Fractional Wave Equation and Time Fractional Generalized Burgers Equation. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.7	76
18	M-lump, N-soliton solutions, and the collision phenomena for the (2â€¯+â€¯1)-dimensional Date-Jimbo-Kashiwara-Miwa equation. Results in Physics, 2020, 19, 103329.	4.1	76

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19	Investigation of the fractional coupled viscous Burgersâ€™ equation involving Mittag-Leffler kernel. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121126.	2.6	74
20	Novel archetypes of new coupled Konnoâ€“Oono equation by using sineâ€“Gordon expansion method. Optical and Quantum Electronics, 2017, 49, 1.	3.3	70
21	On the novel wave behaviors to the coupled nonlinear Maccari's system with complex structure. Optik, 2017, 131, 1036-1043.	2.9	69
22	On the exact solutions to some system of complex nonlinear models. Applied Mathematics and Nonlinear Sciences, 2021, 6, 29-42.	1.6	67
23	The Analytical Solution of Some Fractional Ordinary Differential Equations by the Sumudu Transform Method. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.7	62
24	Investigation of various soliton solutions to the Heisenberg ferromagnetic spin chain equation. Journal of Electromagnetic Waves and Applications, 2018, 32, 1093-1105.	1.6	62
25	Novel Complex Wave Solutions of the (2+1)-Dimensional Hyperbolic Nonlinear SchrÃ¶dinger Equation. Fractal and Fractional, 2020, 4, 41.	3.3	60
26	Investigations of dark, bright, combined dark-bright optical and other soliton solutions in the complex cubic nonlinear SchrÃ¶dinger equation with Î´-potential. Superlattices and Microstructures, 2018, 115, 19-29.	3.1	58
27	Optical solitons to the resonant nonlinear SchrÃ¶dinger equation with both spatio-temporal and inter-modal dispersions under Kerr law nonlinearity. Optik, 2018, 163, 49-55.	2.9	58
28	Dark, bright and other soliton solutions to the Heisenberg ferromagnetic spin chain equation. Superlattices and Microstructures, 2018, 123, 12-19.	3.1	55
29	Instability modulation for the (2+1)-dimension paraxial wave equation and its new optical soliton solutions in Kerr media. Physica Scripta, 2020, 95, 035207.	2.5	55
30	Analytical solutions for the (3ï¼‹1)-dimensional nonlinear extended quantum Zakharovâ€“Kuznetsov equation in plasma physics. Physica A: Statistical Mechanics and Its Applications, 2020, 548, 124327.	2.6	54
31	New solitary wave solutions of Maccari system. Ocean Engineering, 2015, 103, 153-159.	4.3	53
32	New solitary and optical wave structures to the Kortewegâ€“de Vries equation with dual-power law nonlinearity. Optical and Quantum Electronics, 2016, 48, 1.	3.3	53
33	M-fractional solitons and periodic wave solutions to the Hirotaâ€“Maccari system. Modern Physics Letters B, 2019, 33, 1950052.	1.9	52
34	Complex and Real Optical Soliton Properties of the Paraxial Non-linear SchrÃ¶dinger Equation in Kerr Media With M-Fractional. Frontiers in Physics, 2019, 7, .	2.1	52
35	New solitary and optical wave structures to the (1 + 1)-dimensional combined KdVâ€“mKdV equation. Optik, 2017, 135, 327-336.	2.9	51
36	All exact travelling wave solutions of Hirota equation and Hirotaâ€“Maccari system. Optik, 2016, 127, 1848-1859.	2.9	50

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37	Exact solutions of nonlinear Schrodingerâ€™s equation with dual power-law nonlinearity by extended trial equation method. Waves in Random and Complex Media, 2014, 24, 439-451.	2.7	49
38	Generalized Kudryashov Method for Time-Fractional Differential Equations. Abstract and Applied Analysis, 2014, 2014, 1-13.	0.7	47
39	Dark, bright optical and other solitons with conformable space-time fractional second-order spatiotemporal dispersion. Optik, 2018, 163, 1-7.	2.9	47
40	On the Complex and Hyperbolic Structures for the (2 + 1)-Dimensional Boussinesq Water Equation. Entropy, 2015, 17, 8267-8277.	2.2	46
41	On the new soliton and optical wave structures to some nonlinear evolution equations. European Physical Journal Plus, 2017, 132, 1.	2.6	45
42	Optical solitons to the fractional SchrÃ¶dinger-Hirota equation. Applied Mathematics and Nonlinear Sciences, 2019, 4, 535-542.	1.6	45
43	On the analytical and numerical solutions of the Benjaminâ€“Bonaâ€“Mahony equation. Optical and Quantum Electronics, 2018, 50, 1.	3.3	43
44	Investigation of various travelling wave solutions to the extended (2+1)-dimensional quantum ZK equation. European Physical Journal Plus, 2017, 132, 1.	2.6	41
45	Modified ratio estimators using robust regression methods. Communications in Statistics - Theory and Methods, 2019, 48, 2039-2048.	1.0	41
46	Dynamical behaviors to the coupled SchrÃ¶dinger-Boussinesq system with the beta derivative. AIMS Mathematics, 2021, 6, 7909-7928.	1.6	41
47	Dark, bright and other optical solitons to the decoupled nonlinear SchrÃ¶dinger equation arising in dual-core optical fibers. Optical and Quantum Electronics, 2018, 50, 1.	3.3	40
48	New complex hyperbolic and trigonometric solutions for the generalized conformable fractional Gardner equation. Modern Physics Letters B, 2019, 33, 1950196.	1.9	39
49	New solitary wave solutions to the (2+1)-dimensional Calogeroâ€“Bogoyavlenskiiâ€“Schiff and the Kadomtsevâ€“Petviashvili hierarchy equations. Indian Journal of Physics, 2017, 91, 1237-1243.	1.8	38
50	Optical solitons to the fractional perturbed Radhakrishnanâ€“Kunduâ€“Lakshmanan model. Optical and Quantum Electronics, 2018, 50, 1.	3.3	38
51	New Exact Solutions of the New Hamiltonian Amplitude-Equation and Fokas Lenells Equation. Entropy, 2015, 17, 6025-6043.	2.2	37
52	Analytical studies on the (1â€‰+â€‰1)-dimensional nonlinear Dispersive Modified Benjaminâ€“Bonaâ€“Mahony equation defined by seismic sea waves. Waves in Random and Complex Media, 2015, 25, 576-586.	2.7	37
53	The numerical solution of the telegraph equation by the alternating group explicit (AGE) method. International Journal of Computer Mathematics, 2003, 80, 1289-1297.	1.8	36
54	Analysis and numerical computations of the fractional regularized longâ€wave equation with damping term. Mathematical Methods in the Applied Sciences, 2021, 44, 7538-7555.	2.3	36

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55	On the bright and singular optical solitons to the ($$2+1$$ 2 + 1)-dimensional NLS and the Hirota equations. Optical and Quantum Electronics, 2018, 50, 1.	3.3	35
56	New solitary wave structures to the (3â€¯+â€¯1) dimensional Kadomtsevâ€“Petviashvili and SchrÃ¶dinger equation. Journal of Ocean Engineering and Science, 2019, 4, 373-378.	4.3	35
57	Propagation of dispersive wave solutions for (3 + 1)-dimensional nonlinear modified Zakharovâ€“Kuznetsov equation in plasma physics. International Journal of Modern Physics B, 2020, 34, 2050227.	2.0	34
58	New exact solutions for the doubly dispersive equation using the improved Bernoulli sub-equation function method. Indian Journal of Physics, 2021, 95, 309-314.	1.8	34
59	The new extended rational SGEEM for construction of optical solitons to the (2+1)â€“dimensional Kunduâ€“Mukherjeeâ€“Naskar model. Applied Mathematics and Nonlinear Sciences, 2019, 4, 513-522.	1.6	34
60	Some novel exponential function structures to the Cahnï¿½ï¿½ï¿½Allen equation. Cogent Physics, 2016, 3, .	0.7	33
61	Modified regression estimators using robust regression methods and covariance matrices in stratified random sampling. Communications in Statistics - Theory and Methods, 2020, 49, 3407-3420.	1.0	33
62	Chaos in the fractional order logistic delay system: Circuit realization and synchronization. AIP Conference Proceedings, 2016, , .	0.4	32
63	Regarding on the prototype solutions for the nonlinear fractional-order biological population model. AIP Conference Proceedings, 2016, , .	0.4	32
64	On the solitary wave solutions to the longitudinal wave equation in MEE circular rod. Optical and Quantum Electronics, 2018, 50, 1.	3.3	32
65	Novel complex and hyperbolic forms to the strain wave equation in microstructured solids. Optical and Quantum Electronics, 2018, 50, 1.	3.3	31
66	Optical solitons and other solutions to the conformable spaceâ€“time fractional complex Ginzburgâ€“Landau equation under Kerr law nonlinearity. Pramana - Journal of Physics, 2018, 91, 1.	1.8	31
67	Optical solitons and modulation instability analysis of the (1 + 1)-dimensional coupled nonlinear SchrÃ¶dinger equation. Communications in Theoretical Physics, 2020, 72, 025003.	2.5	31
68	Numerical solution of a viscous incompressible flow problem through an orifice by Adomian decomposition method. Applied Mathematics and Computation, 2004, 153, 733-741.	2.2	30
69	Analytical solutions for nonlinear longâ€“short wave interaction systems with highly complex structure. Journal of Computational and Applied Mathematics, 2017, 312, 257-266.	2.0	30
70	Bright, dark optical and other solitons to the generalized higher-order NLSE in optical fibers. Optical and Quantum Electronics, 2018, 50, 1.	3.3	30
71	Singular solitons in the pseudo-parabolic model arising in nonlinear surface waves. Results in Physics, 2019, 12, 1712-1715.	4.1	30
72	Exact Solutions of Time-Fractional KdV Equations by Using Generalized Kudryashov Method. International Journal of Modeling and Optimization, 2014, 4, 315-320.	0.4	29

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73	On Some Complex Aspects of the (2+1)-dimensional Broer-Kaup-Kupershmidt System. ITM Web of Conferences, 2017, 13, 01019.	0.5	29
74	Complex acoustic gravity wave behaviors to some mathematical models arising in fluid dynamics and nonlinear dispersive media. Optical and Quantum Electronics, 2018, 50, 1.	3.3	29
75	Boussinesq equations: M-fractional solitary wave solutions and convergence analysis. Journal of Ocean Engineering and Science, 2019, 4, 1-6.	4.3	29
76	W-shaped surfaces to the nematic liquid crystals with three nonlinearity laws. Soft Computing, 2021, 25, 4513-4524.	3.6	29
77	New Hyperbolic Function Solutions for Some Nonlinear Partial Differential Equation Arising in Mathematical Physics. Entropy, 2015, 17, 4255-4270.	2.2	26
78	Rational solutions, and the interaction solutions to the (2 + 1)-dimensional time-dependent Dateâ€“Jimboâ€“Kashiwaraâ€“Miwa equation. International Journal of Computer Mathematics, 2021, 98, 2369-2377.	1.8	26
79	New soliton solutions for Sasaâ€“Satsuma equation. Waves in Random and Complex Media, 2015, 25, 417-428.	2.7	25
80	On the new hyperbolic and trigonometric structures to the simplified MCH and SRLW equations. European Physical Journal Plus, 2017, 132, 1.	2.6	25
81	On the new wave solutions to a nonlinear model arising in plasma physics. European Physical Journal Plus, 2018, 133, 1.	2.6	25
82	The $$varvec{N}$$-soliton, fusion, rational and breather solutions of two extensions of the (2+1)-dimensional Bogoyavlenskiiâ€“Schieff equation. Nonlinear Dynamics, 2022, 107, 3791-3803.	5.2	25
83	Some exact solutions of generalized Zakharov system. Waves in Random and Complex Media, 2015, 25, 75-90.	2.7	24
84	Various exact wave solutions for KdV equation with time-variable coefficients. Journal of Ocean Engineering and Science, 2022, 7, 409-418.	4.3	24
85	Multiple soliton, fusion, breather, lump, mixed kink-lump and periodic solutions to the extended shallow water wave model in (2+1)-dimensions. Modern Physics Letters B, 2021, 35, 2150138.	1.9	23
86	Modified Trial Equation Method to the Nonlinear Fractional Sharmaâ€“Tassoâ€“Olever Equation. International Journal of Modeling and Optimization, 2013, , 353-357.	0.4	23
87	Sumudu Transform Method for Analytical Solutions of Fractional Type Ordinary Differential Equations. Mathematical Problems in Engineering, 2015, 2015, 1-6.	1.1	22
88	Prototype traveling wave solutions of new coupled Konno-Oono equation. Optik, 2016, 127, 10786-10794.	2.9	22
89	Stability Analysis, Numerical and Exact Solutions of the (1+1)-Dimensional NDMBBM Equation. ITM Web of Conferences, 2018, 22, 01064.	0.5	22
90	Jacobi elliptic function solutions of the double dispersive equation in the Murnaghan's rod. European Physical Journal Plus, 2019, 134, 1.	2.6	22

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91	Dynamics of soliton and mixed lump-soliton waves to a generalized Bogoyavlensky-Konopelchenko equation. Physica Scripta, 2021, 96, 035225.	2.5	22
92	Numerical simulations to the nonlinear model of interpersonal relationships with time fractional derivative. AIP Conference Proceedings, 2017, , .	0.4	21
93	Analytical solutions to the M-derivative resonant Daveyâ€“Stewartson equations. Modern Physics Letters B, 2021, 35, .	1.9	21
94	M-lump waves and their interaction with multi-soliton solutions for a generalized Kadomtsevâ€“Petviashvili equation in (3+1)-dimensions. Chinese Journal of Physics, 2022, 77, 1357-1364.	3.9	21
95	Multi soliton solutions, M-lump waves and mixed soliton-lump solutions to the awada-Kotera equation in (2+1)-dimensions. Chinese Journal of Physics, 2021, 71, 54-61.	3.9	20
96	Comparing numerical methods for response of beams with moving mass. Advances in Engineering Software, 2010, 41, 976-980.	3.8	19
97	The investigation of exact solutions of nonlinear time-fractional Klein-Gordon equation by using generalized Kudryashov method. AIP Conference Proceedings, 2014, , .	0.4	18
98	An Effective Schema for Solving Some Nonlinear Partial Differential Equation Arising In Nonlinear Physics. Open Physics, 2015, 13, .	1.7	18
99	Nonlinear dynamics of (2â€‰+â€‰1)â€dimensional Bogoyavlenskiiâ€“Schieff equation arising in plasma physics. Mathematical Methods in the Applied Sciences, 2021, 44, 10321-10330.	2.3	18
100	Generalized Kudryashov method for nonlinear fractional double sinh--Poisson equation. Journal of Nonlinear Science and Applications, 2016, 09, 1349-1355.	1.0	18
101	Novel hyperbolic behaviors to some important models arising in quantum science. Optical and Quantum Electronics, 2017, 49, 1.	3.3	17
102	The solitary wave solutions to the fractional Radhakrishnanâ€“Kunduâ€“Lakshmanan model. International Journal of Modern Physics B, 2019, 33, 1950370.	2.0	17
103	Numerical treatment on the new fractional-order SIDARTHE COVID-19 pandemic differential model via neural networks. European Physical Journal Plus, 2022, 137, 334.	2.6	17
104	Abundant novel solutions of the conformable Lakshmanan-Porsezian-Daniel model. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 2311.	1.1	16
105	Symmetrical hyperbolic Fibonacci function solutions of generalized Fisher equation with fractional order. , 2013, , .		15
106	Dark and new travelling wave solutions to the nonlinear evolution equation. Optik, 2016, 127, 8043-8055.	2.9	15
107	New Complex Hyperbolic Function Solutions for the (2+1)-Dimensional Dispersive Long Waterâ€“Wave System. Mathematical and Computational Applications, 2016, 21, 6.	1.3	14
108	Novel wave surfaces to the fractional Zakharov-Kuznetsov-Benjamin-Bona-Mahony equation. AIP Conference Proceedings, 2017, , .	0.4	14

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109	Construction of breather solutions and N-soliton for the higher order dimensional Caudreyâ€“Doddâ€“Gibbonâ€“Sawadaâ€“Kotera equation arising from wave patterns. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 319-327.	1.0	14
110	Analytical Solutions to the Coupled Boussinesqâ€“Burgers Equations via Sine-Gordon Expansion Method. Advances in Intelligent Systems and Computing, 2020, , 233-240.	0.6	14
111	Multiple rogue wave, dark, bright, and solitary wave solutions to the KPâ€“BBM equation. Journal of Geometry and Physics, 2021, 164, 104159.	1.4	13
112	On the new hyperbolic wave solutions to Wu-Zhang system models. Optical and Quantum Electronics, 2022, 54, 1.	3.3	13
113	Auto-BÃcklund transformation for some nonlinear partial differential equation. Optik, 2016, 127, 10780-10785.	2.9	12
114	Analyzing study for the 3D potential Yuâ€“Todaâ€“Sasaâ€“Fukuyama equationÂin the two-layer liquid medium. Journal of Ocean Engineering and Science, 2022, , .	4.3	12
115	On the exact solitary wave solutions to the long-short wave interaction system. ITM Web of Conferences, 2018, 22, 01063.	0.5	11
116	An improved class of robust ratio estimators by using the minimum covariance determinant estimation. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 2457-2463.	1.2	11
117	Some new results of nonlinear model arising in incompressible viscoâ€elastic Kelvinâ€“Voigt fluid. Mathematical Methods in the Applied Sciences, 2022, 45, 10347-10362.	2.3	11
118	The solution of fractional wave equation by using modified trial equation method and homotopy analysis method. , 2014, , .		10
119	The analysis of the exact solutions of the space fractional coupled KD equations. AIP Conference Proceedings, 2015, , .	0.4	10
120	Soliton solutions of some nonlinear evolution problems by GKM. Neural Computing and Applications, 2019, 31, 287-294.	5.6	10
121	An efficient family of robust-type estimators for the population variance in simple and stratified random sampling. Communications in Statistics - Theory and Methods, 2023, 52, 2610-2624.	1.0	10
122	Some Novel Solutions of the Coupled Whitham-Broer-Kaup Equations. Advances in Intelligent Systems and Computing, 2020, , 200-208.	0.6	10
123	Newly modified method and its application to the coupled Boussinesq equation in ocean engineering with its linear stability analysis. Communications in Theoretical Physics, 2020, 72, 115002.	2.5	10
124	A new analytical method to the conformable chiral nonlinear SchrÃ¶dinger equation in the quantum Hall effect. Pramana - Journal of Physics, 2022, 96, 1.	1.8	10
125	The numerical solution of multidimensional partial differential equations by the decomposition method. International Journal of Computer Mathematics, 2003, 80, 1189-1198.	1.8	9
126	New Exact Solutions of the System of Equations for the Ion Sound and Langmuir Waves by ETEM. Mathematical and Computational Applications, 2016, 21, 11.	1.3	9

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127	The evaluation of socio-economic development of development agency regions in Turkey using classical and robust principal component analyses. Journal of Applied Statistics, 2017, 44, 2936-2948.	1.3	9
128	Mahalanobis distance based on minimum regularized covariance determinant estimators for high dimensional data. Communications in Statistics - Theory and Methods, 2020, 49, 5897-5907.	1.0	9
129	An application of the new function method to the generalized double sinh-Gordon equation. AIP Conference Proceedings, 2015, , .	0.4	8
130	Application of the modified exponential function method to the Cahn-Allen equation. AIP Conference Proceedings, 2017, , .	0.4	8
131	A New Method for (4+1) Dimensional Fokas Equation. ITM Web of Conferences, 2018, 22, 01065.	0.5	8
132	New wave approach to the conformable resonant nonlinear SchÃ¶dingerâ€™s equation with Kerr-law nonlinearity. Optical and Quantum Electronics, 2022, 54, .	3.3	8
133	On Survey of the Some Wave Solutions of the Non-Linear SchrÃ¶dinger Equation (NLSE) in Infinite Water Depth. Gazi University Journal of Science, 2023, 36, 819-843.	1.2	8
134	Modelling the Nonlinear Wave Motion within the Scope of the Fractional Calculus. Abstract and Applied Analysis, 2014, 2014, 1-7.	0.7	7
135	On the Solution of Nonlinear Time-Fractional Generalized Burgers Equation by Homotopy Analysis Method and Modified Trial Equation Method. International Journal of Modeling and Optimization, 2014, 4, 305-309.	0.4	7
136	A new approach for some NLDEs with variable coefficients. Optik, 2016, 127, 11183-11190.	2.9	7
137	Construction of various soliton solutions via the simplified extended sinh-Gordon equation expansion method. ITM Web of Conferences, 2018, 22, 01062.	0.5	7
138	Classification of Exact Solutions for Generalized Form of Equation. Abstract and Applied Analysis, 2013, 2013, 1-11.	0.7	6
139	Traveling wave solutions of the (N + 1)-dimensional sine-cosine-Gordon equation. , 2014, , .		6
140	Applications of the extended rational sine-cosine and sinh-cosh techniques to some nonlinear complex models arising in mathematical physics. Applied Mathematics and Nonlinear Sciences, 2021, 6, 19-30.	1.6	6
141	New complex exact travelling wave solutions for the generalized-Zakharov equation with complex structures. International Journal of Optimization and Control: Theories and Applications, 2016, 6, 141-150.	1.7	6
142	ON SOME NEW ANALYTICAL SOLUTIONS FOR THE (2+1)-DIMENSIONAL BURGERS EQUATION AND THE SPECIAL TYPE OF DODD-BULLOUGH-MIKHAILOV EQUATION. Journal of Applied Analysis and Computation, 2015, 5, 613-625.	0.5	6
143	Two new applications of tan(F(Î¾)/2) -expansion method. Optik, 2017, 131, 539-546.	2.9	5
144	On the Solitary Wave Solutions to the (2+1)-Dimensional Davey-Stewartson Equations. Advances in Intelligent Systems and Computing, 2020, , 156-165.	0.6	5

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145	Newly developed analytical method and its applications of some mathematical models. International Journal of Modern Physics B, 2022, 36, .	2.0	5
146	New Multiple Solution to the Boussinesq Equation and the Burgers-Like Equation. Journal of Applied Mathematics, 2013, 2013, 1-6.	0.9	4
147	A New Method with a Different Auxiliary Equation to Obtain Solitary Wave Solutions for Nonlinear Partial Differential Equations. Advances in Mathematical Physics, 2013, 2013, 1-11.	0.8	4
148	New soliton solutions of Daveyâ€“Stewartson equation with power-law nonlinearity. Optical and Quantum Electronics, 2017, 49, 1.	3.3	4
149	AN IMPROVED CLASS OF REGRESSION ESTIMATORS USING THE AUXILIARY INFORMATION. Journal of Science and Arts, 2020, 20, 789-800.	0.3	4
150	AN R PACKAGE FOR MULTIVARIATE HYPOTHESIS TESTS: MVTESTS. E-Journal of New World Sciences Academy, 2019, 14, 132-138.	0.2	4
151	The Adomian decomposition method for the approximate solution of homogeneous differential equations with dual variable and dual coefficients. International Journal of Computer Mathematics, 2005, 82, 977-986.	1.8	3
152	Comparing numerical methods for Boussinesq equation model problem. Numerical Methods for Partial Differential Equations, 2009, 25, 783-796.	3.6	3
153	Extension of the Homotopy Perturbation Method for Solving Nonlinear Differential-Difference Equations. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 1060-1064.	1.5	3
154	Some Novel Exponential and Complex Structural Properties of the Fisher Equation Arising in Mathematical Bioscience. ITM Web of Conferences, 2017, 13, 01017.	0.5	3
155	Optical Solitons and Other Solutions to the (2+1)-Dimensional Cubic Nonlinear SchrÃ¶dinger Equation with Fractional Temporal Evolution. ITM Web of Conferences, 2018, 22, 01053.	0.5	3
156	The Solution of Wave Equations by Sumudu Transform Method. Journal of Advanced Research in Applied Mathematics, 2012, 4, 66-72.	0.1	3
157	Oscillations Of Solutions Of Initial Value Problems For Parabolic Equations By The Decomposition Method. International Journal of Computer Mathematics, 2003, 80, 863-868.	1.8	2
158	Some Prototype Results of the Symmetric Regularized Long Wave Equation Arising in Nonlinear Ion Acoustic Waves. ITM Web of Conferences, 2017, 13, 01016.	0.5	2
159	Some Wave Simulation Properties of the (2+1) Dimensional Breaking Soliton Equation. ITM Web of Conferences, 2017, 13, 01014.	0.5	2
160	Complex Acoustic Gravity Wave Behaviors to a Mathematical Model Arising in Nonlinear Mathematical Physics. ITM Web of Conferences, 2018, 22, 01032.	0.5	2
161	A robust EM clustering approach: ROBEM. Communications in Statistics - Theory and Methods, 2020, , 1-19.	1.0	2
162	Fractional vector-borne disease model with lifelong immunity under Caputo operator. Physica Scripta, 2021, 96, 084006.	2.5	2

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163	The Evaluation Of The Development Agency Regions In Turkey In Terms Of Some Socioeconomic Indicator With Factor Analyses. Alphanumeric Journal, 2015, 3, .	0.7	2
164	A new survey to the nonlinear electrical transmission line model. International Journal of Cognitive Computing in Engineering, 2021, 2, 208-214.	8.2	2
165	Simulation of Wave Solutions of a Mathematical Model Representing Communication Signals. Journal of the Institute of Science and Technology, 0, , 3086-3097.	0.9	2
166	On the oscillatory solutions of nonlinear hyperbolic differential equations by the decomposition method. International Journal of Computer Mathematics, 2004, 81, 639-645.	1.8	1
167	New wave simulations to the (3+1)-dimensional modified Kdv-Zakharov-Kuznetsov equation. AIP Conference Proceedings, 2017, , .	0.4	1
168	Soliton solutions of Wu-Zhang system by generalized Kudryashov method. AIP Conference Proceedings, 2018, , .	0.4	1
169	Multiplex PCR-based newborn screening for severe T and B-cell lymphopenia: The first pilot study in Turkey. Sisli Etfal Hastanesi Tip Bulteni, 2020, 55, 551-559.	0.3	1
170	Dark soliton solutions of (N+1)-dimensional nonlinear evolution equations. AIP Conference Proceedings, 2016, , .	0.4	0
171	Dark soliton solutions of Klein-Gordon-Zakharov equation in (1+2) dimensions. AIP Conference Proceedings, 2017, , .	0.4	0
172	Classifications on the travelling wave solutions to the (3+1)-dimensional generalized KP and Jimbo-Miwa equations. ITM Web of Conferences, 2017, 13, 01021.	0.5	0
173	On the wave solutions to the TRLW equation. ITM Web of Conferences, 2018, 22, 01033.	0.5	0
174	A robust alternative to the environmental performance index. Journal of New Theory, 0, , .	0.5	0
175	ELLIPTIC FUNCTION SOLUTIONS FOR SOME NONLINEAR PDES IN MATHEMATICAL PHYSICS. Journal of Applied Analysis and Computation, 2017, 7, 372-391.	0.5	0
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