

# Hajar F. Ismael

## List of Publications by Year in descending order

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33  
papers

1,012  
citations

394286

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434063

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docs citations

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times ranked

431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of breather solutions and $N$ -soliton for the higher order dimensional Caudrey-Dodd-Gibbon-Sawada-Kotera equation arising from wave patterns. International Journal of Nonlinear Sciences and Numerical Simulation, 2023, 24, 319-327.	0.4	14
2	Various exact wave solutions for KdV equation with time-variable coefficients. Journal of Ocean Engineering and Science, 2022, 7, 409-418.	1.7	24
3	The $N$ -soliton, fusion, rational and breather solutions of two extensions of the (2+1)-dimensional Bogoyavlenskii-Schieff equation. Nonlinear Dynamics, 2022, 107, 3791-3803.	2.7	25
4	Analyzing study for the 3D potential Yu-Toda-Sasa-Fukuyama equation in the two-layer liquid medium. Journal of Ocean Engineering and Science, 2022, , .	1.7	12
5	M-lump waves and their interaction with multi-soliton solutions for a generalized Kadomtsev-Petviashvili equation in (3+1)-dimensions. Chinese Journal of Physics, 2022, 77, 1357-1364.	2.0	21
6	Periodic wave solutions and stability analysis for the (3+1)-D potential-YTSF equation arising in fluid mechanics. International Journal of Computer Mathematics, 2021, 98, 1594-1616.	1.0	24
7	W-shaped surfaces to the nematic liquid crystals with three nonlinearity laws. Soft Computing, 2021, 25, 4513-4524.	2.1	29
8	Multi-Waves, Breathers, Periodic and Cross-Kink Solutions to the (2+1)-Dimensional Variable-Coefficient Caudrey-Dodd-Gibbon-Kotera-Sawada Equation. Journal of Ocean University of China, 2021, 20, 35-44.	0.6	17
9	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.	2.0	20
10	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.	1.0	23
11	Abundant novel solutions of the conformable Lakshmanan-Porsezian-Daniel model. Discrete and Continuous Dynamical Systems - Series S, 2021, 14, 2311.	0.6	16
12	Dynamical behaviors to the coupled Schrödinger-Boussinesq system with the beta derivative. AIMS Mathematics, 2021, 6, 7909-7928.	0.7	41
13	Rational solutions, and the interaction solutions to the (2 + 1)-dimensional time-dependent Date-Jimbo-Kashiwara-Miwa equation. International Journal of Computer Mathematics, 2021, 98, 2369-2377.	1.0	26
14	Nonlinear dynamics of (2+1)-dimensional Bogoyavlenskii-Schieff equation arising in plasma physics. Mathematical Methods in the Applied Sciences, 2021, 44, 10321-10330.	1.2	18
15	Analytical solutions to the M-derivative resonant Davey-Stewartson equations. Modern Physics Letters B, 2021, 35, .	1.0	21
16	Dynamics of soliton and mixed lump-soliton waves to a generalized Bogoyavlensky-Konopelchenko equation. Physica Scripta, 2021, 96, 035225.	1.2	22
17	Instability modulation for the (2+1)-dimension paraxial wave equation and its new optical soliton solutions in Kerr media. Physica Scripta, 2020, 95, 035207.	1.2	55
18	Optical Soliton Solutions of the Cubic-Quartic Nonlinear Schrödinger and Resonant Nonlinear Schrödinger Equation with the Parabolic Law. Applied Sciences (Switzerland), 2020, 10, 219.	1.3	107

#	ARTICLE	IF	CITATIONS
19	M-lump, N-soliton solutions, and the collision phenomena for the $(2\hat{+}\hat{-}1)$ -dimensional Date-Jimbo-Kashiwara-Miwa equation. Results in Physics, 2020, 19, 103329.	2.0	76
20	Investigating One-, Two-, and Triple-Wave Solutions via Multiple Exp-Function Method Arising in Engineering Sciences. Advances in Mathematical Physics, 2020, 2020, 1-18.	0.4	24
21	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.	0.9	107
22	On the Solitary Wave Solutions to the $(2+1)$ -Dimensional Davey-Stewartson Equations. Advances in Intelligent Systems and Computing, 2020, , 156-165.	0.5	5
23	Some Novel Solutions of the Coupled Whitham-Broer-Kaup Equations. Advances in Intelligent Systems and Computing, 2020, , 200-208.	0.5	10
24	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.	1.1	10
25	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, .	1.0	52
26	NUMERICAL STUDY OF MOMENTUM AND HEAT TRANSFER OF MHD CARREAU NANOFUID OVER AN EXPONENTIALLY STRETCHED PLATE WITH INTERNAL HEAT SOURCE/SINK AND RADIATION. Heat Transfer Research, 2019, 50, 649-658.	0.9	116
27	FLOW AND HEAT TRANSFER IN A MAXWELL LIQUID SHEET OVER A STRETCHING SURFACE WITH THERMAL RADIATION AND VISCOUS DISSIPATION. JP Journal of Heat and Mass Transfer, 2018, 15, 847-866.	0.1	14
28	Simultaneous Effects of Slip and Wall Stretching/Shrinking on Radiative Flow of Magneto Nanofluid Through Porous Medium. Journal of Magnetism, 2018, 23, 491-498.	0.2	17
29	Heat Transfer Analysis of MHD Three Dimensional Casson Fluid Flow Over a Porous Stretching Sheet by DTM-PadÃ©. International Journal of Applied and Computational Mathematics, 2017, 3, 813-828.	0.9	8
30	MHD CASSON FLOW OVER AN UNSTEADY STRETCHING SHEET. Advances and Applications in Fluid Mechanics, 2017, 20, 533-541.	0.1	12
31	Carreau-Casson fluids flow and heat transfer over stretching plate with internal heat source/sink and radiation. International Journal of Advanced and Applied Sciences, 2017, 4, 11-15.	0.2	12
32	NUMERICAL SIMULATION USING THE HOMOTOPY PERTURBATION METHOD FOR A THIN LIQUID FILM OVER AN UNSTEADY STRETCHING SHEET. International Journal of Pure and Applied Mathematics, 2016, 107, .	0.2	15
33	MHD Casson fluid with heat transfer in a liquid film over unsteady stretching plate. International Journal of Advanced and Applied Sciences, 2016, 4, 55-58.	0.2	19