MASohaly

List of Publications by Year
in descending order

24 papers	344 citations	933447 10 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	91 citing authors

#	Article	IF	Citations
1	Small two-delay differential equations for Parkinson's disease models using Taylor series transform. Indian Journal of Physics, 2023, 97, 39-46.	1.8	2
2	Stochastic HIV/AIDS dynamics with discrete and distributed delays. Pramana - Journal of Physics, 2022, 96, 1.	1.8	6
3	Van der Pol model in two-delay differential equation representation. Scientific Reports, 2022, 12, 2925.	3.3	1
4	The deterministic and stochastic solutions for the nonlinear Phi-4 equation. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, 23, 823-832.	1.0	5
5	Lyapunov stability analysis for nonlinear delay systems under random effects and stochastic perturbations with applications in finance and ecology. Advances in Difference Equations, 2021, 2021, .	3.5	13
6	Cell Resistance and Antimicrobial Resistance with Waning Vaccination. Biophysical Reviews and Letters, 2021, 16, 41-54.	0.8	1
7	Mean-square stability of the zero equilibrium of the nonlinear delay differential equation: Nicholson's blowflies application. Nonlinear Dynamics, 2021, 105, 1713-1722.	5.2	11
8	New stochastic solutions for a new extension of nonlinear Schrödinger equation. Pramana - Journal of Physics, 2021, 95, 1.	1.8	14
9	Stochastic global exponential stability of disease-free equilibrium of HIV/AIDS model. European Physical Journal Plus, 2020, 135, 1.	2.6	14
10	Disturbance solutions for the long–short-wave interaction system using bi-random Riccati–Bernoulli sub-ODE method. Journal of Taibah University for Science, 2020, 14, 500-506.	2.5	30
11	Stochastic treatment of the solutions for the resonant nonlinear Schrödinger equation with spatio-temporal dispersions and inter-modal using beta distribution. European Physical Journal Plus, 2020, 135, 1.	2.6	33
12	Random difference scheme for diffusion advection model. Advances in Difference Equations, 2019, 2019, .	3.5	4
13	The new exact solutions for the deterministic and stochastic (2+1)-dimensional equations in natural sciences. Journal of Taibah University for Science, 2019, 13, 834-843.	2.5	24
14	Consistency and stability difference scheme study for random diffusion second type problem under mean square. Numerical Heat Transfer; Part A: Applications, 2019, 75, 708-723.	2.1	0
15	The Deterministic and Stochastic Solutions of the NLEEs in Mathematical Physics. International Journal of Applied and Computational Mathematics, 2019, 5, 1.	1.6	3
16	On the new wave solutions to the MCH equation. Indian Journal of Physics, 2019, 93, 903-911.	1.8	47
17	The development of the deterministic nonlinear PDEs in particle physics to stochastic case. Results in Physics, 2018, 9, 344-350.	4.1	47
18	Solving the random Cauchy one-dimensional advection–diffusion equation: Numerical analysis and computing. Journal of Computational and Applied Mathematics, 2018, 330, 920-936.	2.0	5

#	Article	IF	Citations
19	Stochastic consistency and stochastic stability in mean square sense for Cauchy advection problem. Journal of Difference Equations and Applications, 2018, 24, 59-67.	1.1	7
20	Stochastic solution for Cauchy one-dimensional advection model in mean square calculus. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2017, 24, 263-270.	1.0	0
21	Solitary waves for the nonlinear Schrödinger problem with the probability distribution function in the stochastic input case. European Physical Journal Plus, 2017, 132, 1.	2.6	62
22	Approximating the Solution Stochastic Process of the Random Cauchy One-Dimensional Heat Model. Abstract and Applied Analysis, 2016, 2016, 1-7.	0.7	2
23	Random Crank-Nicolson Scheme for Random Heat Equation in Mean Square Sense. American Journal of Computational Mathematics, 2016, 06, 66-73.	0.5	9
24	Mean Square Heun's Method Convergent for Solving Random Differential Initial Value Problems of First Order. American Journal of Computational Mathematics, 2014, 04, 474-481.	0.5	4