

Mohamed Ali Hamza

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Blow-up and lifespan estimates for a damped wave equation in the Einstein-de Sitter spacetime with nonlinearity of derivative type. <i>Nonlinear Differential Equations and Applications</i> , 2022, 29, 1.	0.8	2
2	The Blow-Up Rate for a Non-Scaling Invariant Semilinear Heat Equation. <i>Archive for Rational Mechanics and Analysis</i> , 2022, 244, 87-125.	2.4	4
3	Improvement on the Blow-Up for the Weakly Coupled Wave Equations with Scale-Invariant Damping and Time Derivative Nonlinearity. <i>Mediterranean Journal of Mathematics</i> , 2022, 19, .	0.8	3
4	Improvement on the blow-up of the wave equation with the scale-invariant damping and combined nonlinearities. <i>Nonlinear Analysis: Real World Applications</i> , 2021, 59, 103275.	1.7	14
5	Blow-up for wave equation with the scale-invariant damping and combined nonlinearities. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 1127-1136.	2.3	12
6	Blow-up and lifespan estimate for the generalized Tricomi equation with mixed nonlinearities. <i>Advances in Pure and Applied Mathematics</i> , 2021, 12, 54-70.	0.4	5
7	Nonexistence result for the generalized Tricomi equation with the scale-invariant damping, mass term and time derivative nonlinearity. <i>Asymptotic Analysis</i> , 2021, , 1-21.	0.5	3
8	The blow-up rate for a non-scaling invariant semilinear wave equations in higher dimensions. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2021, 212, 112445.	1.1	2
9	A note on the nonexistence of global solutions to the semilinear wave equation with nonlinearity of derivative-type in the generalized Einstein-de Sitter spacetime. <i>Communications on Pure and Applied Analysis</i> , 2021, 20, 3687.	0.8	3
10	The blow-up rate for a non-scaling invariant semilinear wave equations. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 483, 123652.	1.0	5
11	Prescribing the center of mass of a multi-soliton solution for a perturbed semilinear wave equation. <i>Journal of Differential Equations</i> , 2019, 267, 3524-3560.	2.2	1
12	LYAPUNOV FUNCTIONAL AND BLOW-UP RESULTS FOR A CLASS OF PERTURBATIONS OF SEMILINEAR WAVE EQUATIONS IN THE CRITICAL CASE. <i>Journal of Hyperbolic Differential Equations</i> , 2012, 09, 195-221.	0.5	17