Rodica Toader

List of Publications by Year
in descending order

16 papers	**432** citations	1163117 **8** h-index	1058476 **14** g-index
16 all docs	**16** docs citations	**16** times ranked	**206** citing authors

#	Article	IF	Citations
1	On the pure jump nature of crack growth for a class of pressure-sensitive elasto-plastic materials. Nonlinear Analysis: Theory, Methods & Applications, 2022, 214, 112539.	1.1	0
2	Elastodynamic Griffith fracture on prescribed crack paths with kinks. Nonlinear Differential Equations and Applications, 2020, 27, 1.	0.8	4
3	On the jerky crack growth in elastoplastic materials. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	1.7	1
4	On the Cauchy problem for the wave equation on time-dependent domains. Journal of Differential Equations, 2019, 266, 3209-3246.	2.2	9
5	Existence for elastodynamic Griffith fracture with a weak maximal dissipation condition. Journal Des Mathematiques Pures Et Appliquees, 2019, 127, 160-191.	1.6	6
6	Rate-Independent Damage in Thermo-Viscoelastic Materials with Inertia. Journal of Dynamics and Differential Equations, 2018, 30, 1311-1364.	1.9	16
7	A lower semicontinuity result for a free discontinuity functional with a boundary term. Journal Des Mathematiques Pures Et Appliquees, 2017, 108, 952-990.	1.6	4
8	Subharmonic solutions of Hamiltonian systems displaying some kind of sublinear growth. Advances in Nonlinear Analysis, 2017, 8, 583-602.	2.6	16
9	Some remarks on a model for rate-independent damage in thermo-visco-elastodynamics. Journal of Physics: Conference Series, 2016, 727, 012009.	0.4	4
10	Existence for constrained dynamic Griffith fracture with a weak maximal dissipation condition. Journal of the Mechanics and Physics of Solids, 2016, 95, 697-707.	4.8	21
11	Fracture models for elasto-plastic materials as limits of gradient damage models coupled with plasticity: the antiplane case. Calculus of Variations and Partial Differential Equations, 2016, 55, 1.	1.7	22
12	Periodic solutions of radially symmetric perturbations of Newtonian systems. Proceedings of the American Mathematical Society, 2012, 140, 1331-1341.	0.8	25
13	A MODEL FOR CRACK PROPAGATION BASED ON VISCOUS APPROXIMATION. Mathematical Models and Methods in Applied Sciences, 2011, 21, 2019-2047.	3.3	39
14	Quasistatic Crack Growth in Elasto-Plastic Materials: The Two-Dimensional Case. Archive for Rational Mechanics and Analysis, 2010, 196, 867-906.	2.4	15
15	Quasistatic Crack Growth in Nonlinear Elasticity. Archive for Rational Mechanics and Analysis, 2005, 176, 165-225.	2.4	249
16	Subharmonic Solutions of Weakly Coupled Hamiltonian Systems. Journal of Dynamics and Differential Equations, 0, , 1.	1.9	1