

Rodica Toader

List of Publications by Year in descending order

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16
papers

432
citations

1305906

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1181555

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all docs

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docs citations

16
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	On the pure jump nature of crack growth for a class of pressure-sensitive elasto-plastic materials. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2022, 214, 112539.	0.6	0
2	Elastodynamic Griffith fracture on prescribed crack paths with kinks. <i>Nonlinear Differential Equations and Applications</i> , 2020, 27, 1.	0.4	4
3	On the jerky crack growth in elastoplastic materials. <i>Calculus of Variations and Partial Differential Equations</i> , 2020, 59, 1.	0.9	1
4	On the Cauchy problem for the wave equation on time-dependent domains. <i>Journal of Differential Equations</i> , 2019, 266, 3209-3246.	1.1	9
5	Existence for elastodynamic Griffith fracture with a weak maximal dissipation condition. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2019, 127, 160-191.	0.8	6
6	Rate-Independent Damage in Thermo-Viscoelastic Materials with Inertia. <i>Journal of Dynamics and Differential Equations</i> , 2018, 30, 1311-1364.	1.0	16
7	A lower semicontinuity result for a free discontinuity functional with a boundary term. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2017, 108, 952-990.	0.8	4
8	Subharmonic solutions of Hamiltonian systems displaying some kind of sublinear growth. <i>Advances in Nonlinear Analysis</i> , 2017, 8, 583-602.	1.3	16
9	Some remarks on a model for rate-independent damage in thermo-visco-elastodynamics. <i>Journal of Physics: Conference Series</i> , 2016, 727, 012009.	0.3	4
10	Existence for constrained dynamic Griffith fracture with a weak maximal dissipation condition. <i>Journal of the Mechanics and Physics of Solids</i> , 2016, 95, 697-707.	2.3	21
11	Fracture models for elasto-plastic materials as limits of gradient damage models coupled with plasticity: the antiplane case. <i>Calculus of Variations and Partial Differential Equations</i> , 2016, 55, 1.	0.9	22
12	Periodic solutions of radially symmetric perturbations of Newtonian systems. <i>Proceedings of the American Mathematical Society</i> , 2012, 140, 1331-1341.	0.4	25
13	A MODEL FOR CRACK PROPAGATION BASED ON VISCOUS APPROXIMATION. <i>Mathematical Models and Methods in Applied Sciences</i> , 2011, 21, 2019-2047.	1.7	39
14	Quasistatic Crack Growth in Elasto-Plastic Materials: The Two-Dimensional Case. <i>Archive for Rational Mechanics and Analysis</i> , 2010, 196, 867-906.	1.1	15
15	Quasistatic Crack Growth in Nonlinear Elasticity. <i>Archive for Rational Mechanics and Analysis</i> , 2005, 176, 165-225.	1.1	249
16	Subharmonic Solutions of Weakly Coupled Hamiltonian Systems. <i>Journal of Dynamics and Differential Equations</i> , 0, , 1.	1.0	1