

Nunziante Valoroso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1835256/publications.pdf>

Version: 2024-02-01

20
papers

437
citations

687363

13
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Graded damage in quasi-brittle solids. International Journal for Numerical Methods in Engineering, 2022, 123, 2467-2498.	2.8	3
2	Progressive Damage in Quasi-brittle Solids. Lecture Notes in Mechanical Engineering, 2020, , 408-418.	0.4	2
3	Use of cohesive zone models to design automotive bonded joints. International Journal of Automotive Composites, 2015, 1, 158.	0.1	1
4	A novel shell element for nonlinear pushover analysis of reinforced concrete shear walls. Bulletin of Earthquake Engineering, 2015, 13, 2367-2388.	4.1	19
5	A novel fixture for measuring mode III toughness of bonded assemblies. Engineering Fracture Mechanics, 2015, 138, 1-18.	4.3	22
6	A cohesive zone model with rate-sensitivity for fast crack propagation. Mechanics Research Communications, 2014, 58, 82-87.	1.8	20
7	Limit state analysis of reinforced shear walls. Engineering Structures, 2014, 61, 127-139.	5.3	21
8	Adhesive joint computations using cohesive zones. Applied Adhesion Science, 2013, 1, 8.	1.5	16
9	Identification of mode-I cohesive parameters for bonded interfaces based on DCB test. Engineering Fracture Mechanics, 2013, 104, 56-79.	4.3	59
10	Numerical simulations of crack propagation tests in adhesive bonded joints. Latin American Journal of Solids and Structures, 2012, 9, 1-13.	1.0	7
11	Characterization of a cohesive-zone model describing damage and de-cohesion at bonded interfaces. Sensitivity analysis and mode-I parameter identification. International Journal of Solids and Structures, 2010, 47, 1666-1677.	2.7	53
12	Consistent derivation of the constitutive algorithm for plane stress isotropic plasticity. Part I: Theoretical formulation. International Journal of Solids and Structures, 2009, 46, 74-91.	2.7	23
13	Consistent derivation of the constitutive algorithm for plane stress isotropic plasticity. Part II: Computational issues. International Journal of Solids and Structures, 2009, 46, 92-124.	2.7	13
14	A damage-mechanics-based approach for modelling decohesion in adhesively bonded assemblies. Engineering Fracture Mechanics, 2006, 73, 2774-2801.	4.3	68
15	Computational Analysis of Isotropic Plasticity Models. , 2005, , 173-200.		1
16	A return map algorithm for general isotropic elasto/visco-plastic materials in principal space. International Journal for Numerical Methods in Engineering, 2004, 60, 461-498.	2.8	37
17	Solution procedures for J3 plasticity and viscoplasticity. Computer Methods in Applied Mechanics and Engineering, 2001, 191, 903-939.	6.6	16
18	A numerical strategy for finite element analysis of no-tension materials. International Journal for Numerical Methods in Engineering, 2000, 48, 317-350.	2.8	35

#	ARTICLE	IF	CITATIONS
19	A tangent-secant approach to rate-independent elastoplasticity: formulations and computational issues. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1999, 179, 379-405.	6.6	9
20	A displacement-like finite element model for J2 elastoplasticity: Variational formulation and finite-step solution. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1998, 155, 325-358.	6.6	11