

Thomas Menouillard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1248296/publications.pdf>

Version: 2024-02-01

15
papers

584
citations

1039880

9
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	Explicit Dynamic Finite Element Method for Failure with Smooth Fracture Energy Dissipations. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-12.	0.6	1
2	Crack initiation and path selection in brittle specimens: A novel experimental method and computations. <i>Engineering Fracture Mechanics</i> , 2012, 89, 65-74.	2.0	6
3	Analysis and computations of oscillating crack propagation in a heated strip. <i>International Journal of Fracture</i> , 2011, 167, 57-70.	1.1	34
4	An XFEM/Spectral element method for dynamic crack propagation. <i>International Journal of Fracture</i> , 2011, 169, 183-198.	1.1	60
5	Dynamic fracture with meshfree enriched XFEM. <i>Acta Mechanica</i> , 2010, 213, 53-69.	1.1	58
6	Time dependent crack tip enrichment for dynamic crack propagation. <i>International Journal of Fracture</i> , 2010, 162, 33-49.	1.1	58
7	Smoothed nodal forces for improved dynamic crack propagation modeling in XFEM. <i>International Journal for Numerical Methods in Engineering</i> , 2010, 84, 47-72.	1.5	38
8	Thermo-mechanical stress intensity factors evaluation. <i>Nuclear Engineering and Design</i> , 2010, 240, 2579-2588.	0.8	1
9	Elementâ€local level set method for threeâ€dimensional dynamic crack growth. <i>International Journal for Numerical Methods in Engineering</i> , 2009, 80, 1520-1543.	1.5	60
10	Correction force for releasing crack tip element with XFEM and only discontinuous enrichment. <i>European Journal of Computational Mechanics</i> , 2009, 18, 465-483.	0.6	7
11	Mass lumping strategies for Xâ€FEM explicit dynamics: Application to crack propagation. <i>International Journal for Numerical Methods in Engineering</i> , 2008, 74, 447-474.	1.5	88
12	An optimal explicit time stepping scheme for cracks modeled with X-FEM. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , 2007, , 267-281.	0.1	1
13	Composite blade damaging under impact. <i>European Physical Journal Special Topics</i> , 2006, 134, 409-415.	0.2	1
14	Mixed-mode stress intensity factors for graded materials. <i>International Journal of Solids and Structures</i> , 2006, 43, 1946-1959.	1.3	18
15	Efficient explicit time stepping for the eXtended Finite Element Method (X-FEM). <i>International Journal for Numerical Methods in Engineering</i> , 2006, 68, 911-939.	1.5	153