

# Nicolas Richart

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3096048/publications.pdf>

Version: 2024-02-01

10  
papers

216  
citations

1163117

8  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	A non-local continuum damage approach to model dynamic crack branching. International Journal for Numerical Methods in Engineering, 2015, 101, 933-949.	2.8	47
2	Micro-mechanical finite element modeling of diagonal compression test for historical stone masonry structure. International Journal of Solids and Structures, 2017, 112, 122-132.	2.7	38
3	Implementation of a parallel finite-element library: Test case on a non-local continuum damage model. Finite Elements in Analysis and Design, 2015, 100, 41-46.	3.2	27
4	Dynamic crack propagation in a heterogeneous ceramic microstructure, insights from a cohesive model. Acta Materialia, 2015, 88, 136-146.	7.9	25
5	3D dynamic fragmentation with parallel dynamic insertion of cohesive elements. International Journal for Numerical Methods in Engineering, 2017, 109, 1655-1678.	2.8	18
6	The GBS code for the self-consistent simulation of plasma turbulence and kinetic neutral dynamics in the tokamak boundary. Journal of Computational Physics, 2022, 463, 111294.	3.8	18
7	A Steering Environment for Online Parallel Visualization of Legacy Parallel Simulations. , 2006, , .		17
8	Numerical evaluation of test setups for determining the shear strength of masonry. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	3.1	11
9	Hybrid asynchronous SEM/FEM co-simulation for seismic nonlinear analysis of concrete gravity dams. Computers and Structures, 2021, 245, 106459.	4.4	9
10	Toward a Computational Steering Environment for Legacy Coupled Simulations. , 2007, , .		6