

# Guido Dhondt

## List of Publications by Year in descending order

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8  
papers

198  
citations

1478505  
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1588992  
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8  
all docs

8  
docs citations

8  
times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational fracture analysis of different specimens regarding 3D and mode coupling effects. Engineering Fracture Mechanics, 2001, 68, 383-401.	4.3	40
2	Combined static-cyclic multi-axial crack propagation in cruciform specimens. International Journal of Fatigue, 2019, 123, 296-307.	5.7	35
3	Dual boundary element method and finite element method for mixed-mode crack propagation simulations in a cracked hollow shaft. Fatigue and Fracture of Engineering Materials and Structures, 2018, 41, 84-98.	3.4	33
4	Automatic crack-insertion for arbitrary crack growth. Engineering Fracture Mechanics, 2008, 75, 404-416.	4.3	31
5	Application of the Finite Element Method to mixed-mode cyclic crack propagation calculations in specimens. International Journal of Fatigue, 2014, 58, 2-11.	5.7	30
6	Automatic 3-D crack propagation calculations: a pure hexahedral element approach versus a combined element approach. International Journal of Fracture, 2009, 157, 109-118.	2.2	24
7	Determination of the Crack Propagation Direction in Mixed-Mode Missions due to Cyclic Loading. Applied Sciences (Switzerland), 2021, 11, 1673.	2.5	4
8	Crack Growth Propagation Prediction in Non-Proportional Mixed-Mode Missions. Procedia Structural Integrity, 2022, 39, 582-598.	0.8	1