

# Federica Confalonieri

## List of Publications by Year in descending order

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11  
papers

87  
citations

1478505

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1474206

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g-index

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all docs

11  
docs citations

11  
times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed-Mode Delamination with Large Displacement Modeling of Fiber-Bridging. Lecture Notes in Mechanical Engineering, 2020, , 367-377.	0.4	0
2	A new framework for the formulation and validation of cohesive mixed-mode delamination models. International Journal of Solids and Structures, 2019, 164, 168-190.	2.7	16
3	Blade cutting of thin walled structures by explicit dynamics finite elements. Meccanica, 2018, 53, 1271-1289.	2.0	6
4	SIMULATION OF FRACTURE AND DELAMINATION IN LAYERED SHELLS DUE TO BLADE CUTTING. Journal of the Serbian Society for Computational Mechanics, 2017, 11, 139-151.	0.4	2
5	Coupled domain decompositionâ€“proper orthogonal decomposition methods for the simulation of quasi-brittle fracture processes. Advanced Modeling and Simulation in Engineering Sciences, 2016, 3, .	1.7	7
6	Threshold Shock Sensor Based on a Bistable Mechanism: Design, Modeling, and Measurements. Journal of Microelectromechanical Systems, 2015, 24, 2019-2026.	2.5	24
7	8-Node solid-shell elements selective mass scaling for explicit dynamic analysis of layered thin-walled structures. Computational Mechanics, 2015, 56, 585-599.	4.0	6
8	A domain decomposition approach for the simulation of fracture phenomena in polycrystalline microsystems. Computer Methods in Applied Mechanics and Engineering, 2014, 277, 180-218.	6.6	11
9	A domain decomposition technique applied to the solution of the coupled electroâ€“mechanical problem. International Journal for Numerical Methods in Engineering, 2013, 93, 137-159.	2.8	12
10	A domain decomposition method for the simulation of fracture in polysilicon MEMS. Microelectronics Reliability, 2013, 53, 1045-1054.	1.7	2
11	A domain decomposition method for the simulation of fracture in polysilicon MEMS. , 2012, , .		1