

Stephan Marzi

List of Publications by Year in descending order

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18
papers

342
citations

1163117

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996975

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18
all docs

18
docs citations

18
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	On experimental methods to investigate the effect of layer thickness on the fracture behavior of adhesively bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2011, 31, 840-850.	2.9	116
2	Rate dependent behavior of crash-optimized adhesives – Experimental characterization, model development, and simulation. <i>Engineering Fracture Mechanics</i> , 2015, 133, 112-137.	4.3	78
3	Fracture mechanical investigations and cohesive zone failure modelling on automotive composites. <i>Composite Structures</i> , 2014, 111, 324-331.	5.8	22
4	An Out-of-plane Loaded Double Cantilever Beam (ODCB) test to measure the critical energy release rate in mode III of adhesive joints. <i>International Journal of Adhesion and Adhesives</i> , 2018, 83, 24-30.	2.9	20
5	Mixed-mode I+III tests on hyperelastic adhesive joints at prescribed mode-mixity. <i>International Journal of Adhesion and Adhesives</i> , 2018, 85, 113-122.	2.9	16
6	A novel experimental methodology to identify fracture envelopes and cohesive laws in mixed-mode I+III. <i>Engineering Fracture Mechanics</i> , 2019, 214, 304-319.	4.3	16
7	Effect of crack opening velocity and adhesive layer thickness on the fracture behaviour of hyperelastic adhesive joints subjected to mode I loading. <i>International Journal of Adhesion and Adhesives</i> , 2018, 83, 9-14.	2.9	14
8	A Mixed-Mode Controlled DCB test on adhesive joints loaded in a combination of modes I and III. <i>Procedia Structural Integrity</i> , 2018, 13, 1318-1323.	0.8	10
9	3D optical displacement measurements on dynamically loaded adhesively bonded T-peel specimens. <i>International Journal of Adhesion and Adhesives</i> , 2015, 56, 41-45.	2.9	8
10	Cohesive Zone Modeling for Adhesives. , 2009, , 89-105.		7
11	Applicability of the mixed-mode controlled double cantilever beam test and related evaluation methods. <i>Engineering Fracture Mechanics</i> , 2020, 235, 107149.	4.3	7
12	Mode I creep fracture of rubber-like adhesive joints at constant crack driving force. <i>International Journal of Adhesion and Adhesives</i> , 2022, 113, 103079.	2.9	7
13	Fracture of Thin-Walled Polyoxymethylene Bulk Specimens in Modes I and III. <i>Materials</i> , 2020, 13, 5096.	2.9	5
14	Mode III testing of structural adhesive joints at elevated loading rates. <i>International Journal of Adhesion and Adhesives</i> , 2022, 113, 103078.	2.9	5
15	Corrigendum to “A novel experimental methodology to identify fracture envelopes and cohesive laws in mixed-mode I+III” [Eng. Fract. Mech. 214 (2019), 304–319]. <i>Engineering Fracture Mechanics</i> , 2022, 263, 108294.	4.3	5
16	Effect of crack opening velocity on fracture behavior of hyperelastic semi-structural adhesive joints subjected to mode I loading. <i>Procedia Structural Integrity</i> , 2018, 13, 799-805.	0.8	4
17	Numerical and Experimental Investigation of the Mechanical Properties of Riveted Joints Considering the Installation Process. , 2011, , .		1
18	High-rate loading and impact in adhesively bonding joints. , 2021, , 257-293.		1