

R D S G Campilho

List of Publications by Year in descending order

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273
papers

7,248
citations

57758

44
h-index

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all docs

277
docs citations

277
times ranked

2313
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling adhesive joints with cohesive zone models: effect of the cohesive law shape of the adhesive layer. <i>International Journal of Adhesion and Adhesives</i> , 2013, 44, 48-56.	2.9	444
2	Strength prediction of single- and double-lap joints by standard and extended finite element modelling. <i>International Journal of Adhesion and Adhesives</i> , 2011, 31, 363-372.	2.9	286
3	Crack equivalent concept applied to the fracture characterization of bonded joints under pure mode I loading. <i>Composites Science and Technology</i> , 2008, 68, 2224-2230.	7.8	230
4	Modelling single and double-lap repairs on composite materials. <i>Composites Science and Technology</i> , 2005, 65, 1948-1958.	7.8	189
5	Parametric study of adhesive joints with composites. <i>International Journal of Adhesion and Adhesives</i> , 2012, 37, 96-101.	2.9	186
6	Pure mode II fracture characterization of composite bonded joints. <i>International Journal of Solids and Structures</i> , 2009, 46, 1589-1595.	2.7	179
7	The Effect of Adhesive Thickness on the Mechanical Behavior of a Structural Polyurethane Adhesive. <i>Journal of Adhesion</i> , 2015, 91, 331-346.	3.0	173
8	Cohesive and continuum mixed-mode damage models applied to the simulation of the mechanical behaviour of bonded joints. <i>International Journal of Adhesion and Adhesives</i> , 2008, 28, 419-426.	2.9	172
9	Using a cohesive damage model to predict the tensile behaviour of CFRP single-strap repairs. <i>International Journal of Solids and Structures</i> , 2008, 45, 1497-1512.	2.7	170
10	Modelling the tensile fracture behaviour of CFRP scarf repairs. <i>Composites Part B: Engineering</i> , 2009, 40, 149-157.	12.0	151
11	Damage analysis of composite "aluminium adhesively-bonded single-lap joints". <i>Composite Structures</i> , 2016, 136, 25-33.	5.8	137
12	Modelling of Single-Lap Joints Using Cohesive Zone Models: Effect of the Cohesive Parameters on the Output of the Simulations. <i>Journal of Adhesion</i> , 2012, 88, 513-533.	3.0	116
13	Effects of Temperature and Loading Rate on the Mechanical Properties of a High Temperature Epoxy Adhesive. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 2461-2474.	2.6	108
14	Effect of Temperature on Tensile Strength and Mode I Fracture Toughness of a High Temperature Epoxy Adhesive. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 939-953.	2.6	108
15	Smart Adhesive Joints: An Overview of Recent Developments. <i>Journal of Adhesion</i> , 2014, 90, 16-40.	3.0	107
16	Strength Improvement of Adhesively-Bonded Joints Using a Reverse-Bent Geometry. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 2351-2368.	2.6	100
17	Static strength prediction of adhesive joints: A review. <i>International Journal of Adhesion and Adhesives</i> , 2020, 96, 102451.	2.9	96
18	Stress and failure analyses of scarf repaired CFRP laminates using a cohesive damage model. <i>Journal of Adhesion Science and Technology</i> , 2007, 21, 855-870.	2.6	94

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19	Tensile behaviour of three-dimensional carbon-epoxy adhesively bonded single- and double-strap repairs. <i>International Journal of Adhesion and Adhesives</i> , 2009, 29, 678-686.	2.9	91
20	Mode I fracture toughness of adhesively bonded joints as a function of temperature: Experimental and numerical study. <i>International Journal of Adhesion and Adhesives</i> , 2011, 31, 273-279.	2.9	91
21	Environmental effect on the fatigue degradation of adhesive joints: A review. <i>Journal of Adhesion</i> , 2017, 93, 127-146.	3.0	86
22	Interlaminar and intralaminar fracture characterization of composites under mode I loading. <i>Composite Structures</i> , 2010, 92, 144-149.	5.8	84
23	Adhesive Selection for Single Lap Bonded Joints: Experimentation and Advanced Techniques for Strength Prediction. <i>Journal of Adhesion</i> , 2015, 91, 841-862.	3.0	83
24	Cohesive law estimation of adhesive joints in mode II condition. <i>Theoretical and Applied Fracture Mechanics</i> , 2015, 80, 143-154.	4.7	80
25	Fracture toughness determination of adhesive and co-cured joints in natural fibre composites. <i>Composites Part B: Engineering</i> , 2013, 50, 120-126.	12.0	79
26	Comparative Failure Assessment of Single and Double Lap Joints with Varying Adhesive Systems. <i>Journal of Adhesion</i> , 2016, 92, 610-634.	3.0	79
27	Single-Lap Joints of Similar and Dissimilar Adherends Bonded with an Acrylic Adhesive. <i>Journal of Adhesion</i> , 2009, 85, 351-376.	3.0	78
28	eXtended Finite Element Method for fracture characterization of adhesive joints in pure mode I. <i>Computational Materials Science</i> , 2011, 50, 1543-1549.	3.0	78
29	Numerical prediction on the tensile residual strength of repaired CFRP under different geometric changes. <i>International Journal of Adhesion and Adhesives</i> , 2009, 29, 195-205.	2.9	72
30	Advances in Numerical Modeling of Adhesive Joints. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2012, , .	0.4	68
31	Mode II fracture toughness of CFRP as a function of temperature and strain rate. <i>Composites Part B: Engineering</i> , 2017, 114, 311-318.	12.0	67
32	Optimization study of hybrid spot-welded/bonded single-lap joints. <i>International Journal of Adhesion and Adhesives</i> , 2012, 37, 86-95.	2.9	65
33	Temperature Dependence of the Fracture Toughness of Adhesively Bonded Joints. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 2011-2026.	2.6	63
34	Strength and damage growth in composite bonded joints with defects. <i>Composites Part B: Engineering</i> , 2016, 100, 91-100.	12.0	59
35	Evaluation of different modelling conditions in the cohesive zone analysis of single-lap bonded joints. <i>Journal of Adhesion</i> , 2018, 94, 562-582.	3.0	59
36	Strength and Fracture Characterization of a Novel Polyurethane Adhesive for the Automotive Industry. <i>Journal of Testing and Evaluation</i> , 2017, 45, 398-407.	0.7	59

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37	Effect of temperature on the shear strength of aluminium single lap bonded joints for high temperature applications. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 1367-1381.	2.6	58
38	Mechanical and thermal characterization of a structural polyurethane adhesive modified with thermally expandable particles. <i>International Journal of Adhesion and Adhesives</i> , 2014, 54, 191-199.	2.9	56
39	A novel concept of agile assembly machine for sets applied in the automotive industry. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 91, 4043-4054.	3.0	54
40	Numerical evaluation of three-dimensional scarf repairs in carbon-epoxy structures. <i>International Journal of Adhesion and Adhesives</i> , 2010, 30, 329-337.	2.9	52
41	Mode I fracture toughness of CFRP as a function of temperature and strain rate. <i>Journal of Composite Materials</i> , 2017, 51, 3315-3326.	2.4	52
42	Adhesive thickness effects of a ductile adhesive by optical measurement techniques. <i>International Journal of Adhesion and Adhesives</i> , 2015, 57, 125-132.	2.9	50
43	How to solve quality problems by advanced fully-automated manufacturing systems. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 94, 3041-3063.	3.0	50
44	Manufacturing cushions and suspension mats for vehicle seats: a novel cell concept. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 90, 1539-1545.	3.0	49
45	Advances in Numerical Modelling of Adhesive Joints. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2012, , 1-93.	0.4	48
46	Effect of material on the mechanical behaviour of adhesive joints for the automotive industry. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 663-676.	2.6	47
47	Adhesive selection for hybrid spot-welded/bonded single-lap joints: Experimentation and numerical analysis. <i>Composites Part B: Engineering</i> , 2016, 84, 248-257.	12.0	45
48	Mode II Fracture Toughness of Adhesively Bonded Joints as a Function of Temperature: Experimental and Numerical Study. <i>Journal of Adhesion</i> , 2012, 88, 534-551.	3.0	44
49	Buckling Behaviour of Carbon/Epoxy Adhesively-Bonded Scarf Repairs. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 1493-1513.	2.6	43
50	Strength improvement of adhesively-bonded scarf repairs in aluminium structures with external reinforcements. <i>Engineering Structures</i> , 2015, 101, 99-110.	5.3	43
51	Adherend thickness effect on the tensile fracture toughness of a structural adhesive using an optical data acquisition method. <i>International Journal of Adhesion and Adhesives</i> , 2014, 53, 15-22.	2.9	41
52	Testing different cohesive law shapes to predict damage growth in bonded joints loaded in pure tension. <i>Journal of Adhesion</i> , 2017, 93, 57-76.	3.0	40
53	Experimental and numerical analysis of hybrid adhesively-bonded scarf joints. <i>International Journal of Adhesion and Adhesives</i> , 2018, 83, 87-95.	2.9	40
54	Moulds design for adhesive bulk and joint specimens manufacturing. <i>Assembly Automation</i> , 2012, 32, 284-292.	1.7	39

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55	Computational Modelling of the Residual Strength of Repaired Composite Laminates Using a Cohesive Damage Model. <i>Journal of Adhesion Science and Technology</i> , 2008, 22, 1565-1591.	2.6	38
56	Comparative Evaluation of Single-lap Joints Bonded with Different Adhesives by Cohesive Zone Modelling. <i>Procedia Engineering</i> , 2015, 114, 102-109.	1.2	38
57	Experimental and numerical failure analysis of aluminium/composite single-L joints. <i>International Journal of Adhesion and Adhesives</i> , 2016, 64, 86-96.	2.9	37
58	A Novel Concept of Production and Assembly Processes Integration. <i>Procedia Manufacturing</i> , 2017, 11, 1385-1395.	1.9	37
59	A cohesive zone element for mode I modelling of adhesives degraded by humidity and fatigue. <i>International Journal of Fatigue</i> , 2018, 112, 173-182.	5.7	37
60	Validation of pure tensile and shear cohesive laws obtained by the direct method with single-lap joints. <i>International Journal of Adhesion and Adhesives</i> , 2017, 77, 41-50.	2.9	36
61	Fracture behaviour of damaged wood beams repaired with an adhesively-bonded composite patch. <i>Composites Part A: Applied Science and Manufacturing</i> , 2009, 40, 852-859.	7.6	35
62	Comparative evaluation of the Double-Cantilever Beam and Tapered Double-Cantilever Beam tests for estimation of the tensile fracture toughness of adhesive joints. <i>International Journal of Adhesion and Adhesives</i> , 2016, 67, 103-111.	2.9	35
63	Numerical analysis of the Edge Crack Torsion test for mode III interlaminar fracture of composite laminates. <i>Engineering Fracture Mechanics</i> , 2009, 76, 469-478.	4.3	34
64	Buckling strength of adhesively-bonded single and double-strap repairs on carbon-epoxy structures. <i>Composites Science and Technology</i> , 2010, 70, 371-379.	7.8	34
65	Adhesive thickness influence on the shear fracture toughness measurements of adhesive joints. <i>International Journal of Adhesion and Adhesives</i> , 2018, 83, 15-23.	2.9	34
66	Tensile fracture characterization of adhesive joints by standard and optical techniques. <i>Engineering Fracture Mechanics</i> , 2015, 136, 292-304.	4.3	33
67	Solving Quality Problems in Tyre Production Preparation Process: A Practical Approach. <i>Procedia Manufacturing</i> , 2017, 11, 1239-1246.	1.9	33
68	Experimental and numerical evaluation of composite repairs on wood beams damaged by cross-graining. <i>Construction and Building Materials</i> , 2010, 24, 531-537.	7.2	32
69	Application of the direct method for cohesive law estimation applied to the strength prediction of double-lap joints. <i>Theoretical and Applied Fracture Mechanics</i> , 2016, 85, 140-148.	4.7	32
70	Structural Adhesives Modified with Thermally Expandable Particles. <i>Journal of Adhesion</i> , 2015, 91, 823-840.	3.0	31
71	The Improvement of an APEX Machine involved in the Tire Manufacturing Process. <i>Procedia Manufacturing</i> , 2018, 17, 571-578.	1.9	31
72	Adhesive joint analysis under tensile impact loads by cohesive zone modelling. <i>Composite Structures</i> , 2019, 222, 110894.	5.8	30

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73	Numerical and Experimental Analysis of Balanced and Unbalanced Adhesive Single-Lap Joints between Aluminium Adherends. <i>Journal of Adhesion</i> , 2014, 90, 89-103.	3.0	28
74	Numerical modelling of adhesively-bonded double-lap joints by the eXtended Finite Element Method. <i>Finite Elements in Analysis and Design</i> , 2017, 133, 1-9.	3.2	28
75	Continuous improvement in maintenance: a case study in the automotive industry involving Lean tools. <i>Procedia Manufacturing</i> , 2019, 38, 1582-1591.	1.9	28
76	Effect of hole drilling at the overlap on the strength of single-lap joints. <i>International Journal of Adhesion and Adhesives</i> , 2011, 31, 380-387.	2.9	27
77	Overview of different strength prediction techniques for single-lap bonded joints. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2017, 231, 210-223.	1.1	27
78	Comparison of different adhesively-bonded joint types for mechanical structures. <i>Applied Adhesion Science</i> , 2018, 6, .	1.5	26
79	Shear Characterization of Adhesive Layers by Advanced Optical Techniques. <i>Experimental Mechanics</i> , 2016, 56, 493-506.	2.0	24
80	A Strategic Model to take the First Step Towards Industry 4.0 in SMEs. <i>Procedia Manufacturing</i> , 2019, 38, 637-645.	1.9	24
81	A novel concept of bent wires sorting operation between workstations in the production of automotive parts. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	24
82	Fracture characterization of sandwich structures interfaces under mode I loading. <i>Composites Science and Technology</i> , 2010, 70, 1386-1394.	7.8	23
83	The numerical simulation of crack propagation using radial point interpolation meshless methods. <i>Engineering Analysis With Boundary Elements</i> , 2019, 109, 187-198.	3.7	23
84	Mixed-mode fracture analysis of composite bonded joints considering adhesives of different ductility. <i>International Journal of Fracture</i> , 2017, 207, 55-71.	2.2	21
85	Numerical evaluation of the ENF and 4ENF tests for the shear toughness estimation of adhesive joints. <i>Composite Structures</i> , 2018, 202, 333-343.	5.8	21
86	Experimental estimation of the mechanical and fracture properties of a new epoxy adhesive. <i>Applied Adhesion Science</i> , 2015, 3, .	1.5	20
87	Analysis of adhesively-bonded T-joints by experimentation and cohesive zone models. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 1998-2014.	2.6	20
88	Effect of Humidity on The Fatigue Behaviour of Adhesively Bonded Aluminium Joints. <i>Latin American Journal of Solids and Structures</i> , 2017, 14, 174-187.	1.0	18
89	Predicting single-lap joint strength using the natural neighbour radial point interpolation method. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	18
90	Dynamic behaviour in mode I fracture toughness of CFRP as a function of temperature. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 103, 102257.	4.7	18

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91	Geometrical optimization of adhesive joints under tensile impact loads using cohesive zone modelling. International Journal of Adhesion and Adhesives, 2020, 97, 102492.	2.9	18
92	Mixed-Mode Cohesive Damage Model Applied to the Simulation of the Mechanical Behaviour of Laminated Composite Adhesive Joints. Journal of Adhesion Science and Technology, 2009, 23, 1477-1491.	2.6	17
93	Adhesively Bonded Repair Proposal for Wood Members Damaged by Horizontal Shear Using Carbon-Epoxy Patches. Journal of Adhesion, 2010, 86, 649-670.	3.0	17
94	Effect of Adherend Recessing on the Tensile Strength of Single Lap Joints. Journal of Adhesion, 2014, 90, 649-666.	3.0	17
95	Geometrical study of mixed adhesive joints for high-temperature applications. Journal of Adhesion Science and Technology, 2016, 30, 691-707.	2.6	17
96	Application a direct/cohesive zone method for the evaluation of scarf adhesive joints. Applied Adhesion Science, 2018, 6, .	1.5	17
97	A Novel Approach to Optimize the Design of Parts for Additive Manufacturing. Procedia Manufacturing, 2018, 17, 53-61.	1.9	17
98	Stress and Failure Analysis of Repaired Sandwich Composite Beams using a Cohesive Damage Model. Journal of Sandwich Structures and Materials, 2010, 12, 369-390.	3.5	16
99	Analysis and Improvement of an Assembly Line in the Automotive Industry. Procedia Manufacturing, 2019, 38, 1444-1452.	1.9	16
100	Design of adhesively-bonded composite joints. , 2015, , 43-71.		15
101	Mixed-mode fracture analysis of adhesively-bonded joints using the ATDCB test specimen. International Journal of Adhesion and Adhesives, 2018, 85, 58-68.	2.9	15
102	SMED methodology applied to the deep drawing process in the automotive industry. Procedia Manufacturing, 2020, 51, 1416-1422.	1.9	15
103	XFEM and CZM modeling to predict the repair damage by composite patch of aircraft structures: Debonding parameters. Composite Structures, 2021, 266, 113805.	5.8	15
104	Single lap joint strength prediction using the radial point interpolation method and the critical longitudinal strain criterion. Engineering Analysis With Boundary Elements, 2020, 113, 268-276.	3.7	15
105	Parametric Study of the Reinforcement Geometry on Tensile Loaded Scarf Adhesive Repairs. Journal of Adhesion, 2016, 92, 586-609.	3.0	14
106	Numerical assessment of the Double-Cantilever Beam and Tapered Double-Cantilever Beam tests for the GIC determination of adhesive layers. Journal of Adhesion, 2018, 94, 951-973.	3.0	14
107	Strength estimation of hybrid single-L bonded joints by the eXtended Finite Element Method. Composite Structures, 2018, 183, 397-406.	5.8	14
108	Crack growth analysis of adhesively-bonded stepped joints in aluminium structures. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	14

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109	Improvement and validation of Zamak die casting moulds. <i>Procedia Manufacturing</i> , 2019, 38, 1547-1557.	1.9	14
110	Material non-linearity in the numerical analysis of SLJ bonded with ductile adhesives: A meshless approach. <i>International Journal of Adhesion and Adhesives</i> , 2021, 104, 102716.	2.9	14
111	Injection mold design for a plastic component with blowing agent. <i>Procedia Manufacturing</i> , 2018, 17, 774-782.	1.9	13
112	Adhesive thickness effects on the mixed-mode fracture toughness of bonded joints. <i>Journal of Adhesion</i> , 2020, 96, 300-320.	3.0	13
113	Comparison between the ENF and 4ENF fracture characterization tests to evaluate G_{IIC} of bonded aluminium joints. <i>Journal of Adhesion</i> , 2018, 94, 910-931.	3.0	12
114	Eco-Design and Sustainability in Packaging: A Survey. <i>Procedia Manufacturing</i> , 2019, 38, 1741-1749.	1.9	12
115	Geometrical and material optimization of tensile loaded tubular adhesive joints using cohesive zone modelling. <i>Journal of Adhesion</i> , 2019, 95, 425-449.	3.0	12
116	A Novel Automated System for the Handling of Car Seat Wires on Plastic Over-Injection Molding Machines. <i>Machines</i> , 2021, 9, 141.	2.2	12
117	Geometry and adhesive optimization of single-lap adhesive joints under impact. <i>Journal of Adhesion</i> , 2022, 98, 677-703.	3.0	12
118	Asset Priority Setting for Maintenance Management in the Food Industry. <i>Procedia Manufacturing</i> , 2019, 38, 1623-1633.	1.9	11
119	Robotized solution for handling complex automotive parts in inspection and packing. <i>Procedia Manufacturing</i> , 2020, 51, 156-163.	1.9	11
120	Numerical analysis of the dynamic behaviour of adhesive joints: A review. <i>International Journal of Adhesion and Adhesives</i> , 2022, 118, 103219.	2.9	11
121	The Use of the Boundary Element Method in the Analysis of Single Lap Joints. <i>Journal of Adhesion</i> , 2014, 90, 50-64.	3.0	10
122	Optimising a Specific Tool for Electrical Terminals Crimping Process. <i>Procedia Manufacturing</i> , 2017, 11, 1438-1447.	1.9	10
123	A novel dynamic holding system for thin metal plate shearing machines. <i>Robotics and Computer-Integrated Manufacturing</i> , 2017, 44, 242-252.	9.9	10
124	Intralogistics and industry 4.0: designing a novel shuttle with picking system. <i>Procedia Manufacturing</i> , 2019, 38, 1801-1832.	1.9	10
125	A novel concept of a conduit transport system. <i>Procedia Manufacturing</i> , 2019, 38, 848-857.	1.9	10
126	Accuracy of cohesive laws with different shape for the shear behaviour prediction of bonded joints. <i>Journal of Adhesion</i> , 2019, 95, 325-347.	3.0	10

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127	A new concept of automated manufacturing process for wire rope terminals. <i>Procedia Manufacturing</i> , 2020, 51, 431-437.	1.9	10
128	A new concept of full-automated equipment for the manufacture of shirt collars and cuffs. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 67, 102023.	9.9	10
129	Effect of humidity on the mechanical properties of adhesively bonded aluminium joints. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2018, 232, 733-742.	1.1	9
130	Designing a Novel System for the Introduction of Lubricant in Control Cables for the Automotive Industry. <i>Procedia Manufacturing</i> , 2019, 38, 715-725.	1.9	9
131	Applying DMADV on the industrialization of updated components in the automotive sector: a case study. <i>Procedia Manufacturing</i> , 2020, 51, 1332-1339.	1.9	9
132	Improving the Cut Surface Quality by Optimizing Parameters in the Fibre Laser Cutting Process. <i>Procedia Manufacturing</i> , 2019, 38, 1111-1120.	1.9	9
133	Strength prediction of adhesively bonded repairs on carbonâ€‘epoxy laminates by the single and doubleâ€‘strap techniques. <i>Polymer Composites</i> , 2011, 32, 1254-1264.	4.6	8
134	Effect of the size reduction on the bulk tensile and double cantilever beam specimens used in cohesive zone models. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2016, 230, 968-982.	1.1	8
135	Reduction of scrap percentage of cast parts by optimizing the process parameters. <i>Procedia Manufacturing</i> , 2019, 38, 1050-1057.	1.9	8
136	Extended finite element modelling of aluminium stepped-adhesive joints. <i>Journal of Adhesion</i> , 2019, 95, 450-473.	3.0	8
137	A novel concept of Bowden cables flexible and full-automated manufacturing process improving quality and productivity. <i>Procedia Manufacturing</i> , 2020, 51, 438-445.	1.9	8
138	Rethinking modular jigsâ€™ design regarding the optimization of machining times. <i>Procedia Manufacturing</i> , 2019, 38, 876-883.	1.9	8
139	Shear Modulus and Strength of an Acrylic Adhesive by the Notched Plate Shear Method (Arcan) and the Thick Adherend Shear Test (TAST). <i>Materials Science Forum</i> , 0, 636-637, 787-792.	0.3	7
140	Numerical evaluation of dissimilar cohesive models to predict the behavior of Double-Cantilever Beam specimens. <i>Procedia Structural Integrity</i> , 2016, 1, 42-49.	0.8	7
141	Design Rules and Methods to Improve Joint Strength. , 2018, , 773-810.		7
142	Influence of the natural additive on natural fiber reinforced thermoplastic composite. <i>Procedia Manufacturing</i> , 2019, 38, 1121-1129.	1.9	7
143	Experimental and numerical analysis of dual-adhesive stepped-lap aluminum joints. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2020, 234, 454-464.	2.5	7
144	Analysis of stress singularity in adhesive joints using meshless methods. <i>Engineering Analysis With Boundary Elements</i> , 2022, 137, 29-40.	3.7	7

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145	Strength Prediction and Experimental Validation of Adhesive Joints Including Polyethylene, Carbon-Epoxy and Aluminium Adherends. <i>Materials Science Forum</i> , 0, 636-637, 1157-1164.	0.3	6
146	Repair of Wood Trusses Loaded in Tension with Adhesively Bonded Carbon-Epoxy Patches. <i>Journal of Adhesion</i> , 2010, 86, 630-648.	3.0	6
147	A Study on Microstructure Characteristics of TEPs-modified Adhesives. <i>Microscopy and Microanalysis</i> , 2015, 21, 7-8.	0.4	6
148	Designing a Novel Feeding System for CNC Turning Machines. <i>Procedia Manufacturing</i> , 2018, 17, 1144-1153.	1.9	6
149	Design of automated equipment for the assembly of automotive parts. <i>Procedia Manufacturing</i> , 2019, 38, 1316-1323.	1.9	6
150	Comparative evaluation of adhesively-bonded single-lap and stepped-lap joints. <i>Procedia Manufacturing</i> , 2019, 38, 1189-1196.	1.9	6
151	Development of a suitable project management approach for projects with parallel planning and execution. <i>Procedia Manufacturing</i> , 2020, 51, 1544-1550.	1.9	6
152	Parametric study of composite curved adhesive joints. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 2957-2970.	3.0	6
153	A New Crack Propagation Algorithm Combined with the Finite Element Method. <i>Journal of Mechanics</i> , 2020, 36, 405-422.	1.4	6
154	Fracture mechanics approach to stress singularities in composite adhesive joints. <i>Composite Structures</i> , 2021, 276, 114507.	5.8	6
155	Tensile Behaviour of a Structural Adhesive at High Temperatures by the eXtended Finite Element Method. <i>Journal of Adhesion</i> , 2013, 89, 529-547.	3.0	5
156	Strap repairs using embedded patches: numerical analysis and experimental results. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 1530-1544.	2.6	5
157	Experimental and numerical analysis of adhesively-bonded T joints under peel loads. <i>Procedia Manufacturing</i> , 2017, 13, 51-58.	1.9	5
158	Strength prediction of T-peel joints by a hybrid spot-welding/adhesive bonding technique. <i>Journal of Adhesion</i> , 2018, 94, 181-198.	3.0	5
159	Comparison of different test configurations for the shear fracture toughness evaluation of a ductile adhesive. <i>Procedia Manufacturing</i> , 2019, 38, 940-947.	1.9	5
160	Designing a novel and greener truck asphalt container. <i>Procedia Manufacturing</i> , 2019, 38, 324-332.	1.9	5
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