

Adnan Aï-zel

List of Publications by Year in descending order

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32
papers

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586496

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times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvements of the structural, thermal, and mechanical properties of structural adhesive with functionalized boron nitride nanoparticles. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50491.	1.3	20
2	Structural, thermal, and mechanical properties of silanized boron carbide doped epoxy nanocomposites. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51244.	1.3	11
3	Homogenized pouch cell material modelling and a comparison study. <i>International Journal of Energy Research</i> , 2021, 45, 2668-2679.	2.2	3
4	The effects of thermal cycle and nanostructure reinforcement on the shear load in adhesively bonded joints. <i>Mechanics of Advanced Materials and Structures</i> , 2020, 27, 1627-1638.	1.5	17
5	The effect of opposing notch geometry on the tensile strength of adhesively bonded single-lap joints. <i>Engineering Computations</i> , 2020, 37, 2895-2911.	0.7	2
6	Experimental and numerical determination of the thermal cycle performance of joints obtained with nanostructure-doped nanocomposite adhesives. <i>Composites Part B: Engineering</i> , 2019, 174, 106959.	5.9	18
7	Investigation of mechanical and thermal properties of nanostructure-doped bulk nanocomposite adhesives. <i>Journal of Adhesion</i> , 2018, 94, 847-866.	1.8	21
8	An experimental study on composite adhesives reinforced with different types of organo-clays. <i>Journal of Adhesion</i> , 2018, 94, 124-142.	1.8	16
9	The fracture behaviour of nanostructure added adhesives under ambient temperature and thermal cyclic conditions. <i>Theoretical and Applied Fracture Mechanics</i> , 2018, 97, 120-130.	2.1	36
10	Effects of unbalance on the adhesively bonded composites-aluminium joints. <i>Journal of Adhesion</i> , 2017, 93, 674-687.	1.8	14
11	Experimental analysis on the single-lap joints bonded by a nanocomposite adhesives which obtained by adding nanostructures. <i>Composites Part B: Engineering</i> , 2017, 110, 420-428.	5.9	69
12	Research on strength of nanocomposite adhesively bonded composite joints. <i>Composites Part B: Engineering</i> , 2017, 126, 143-152.	5.9	48
13	The effects of graphene nanostructure reinforcement on the adhesive method and the graphene reinforcement ratio on the failure load in adhesively bonded joints. <i>Composites Part B: Engineering</i> , 2016, 98, 362-369.	5.9	54
14	The Effect of Moment and Flexural Rigidity of Adherend on the Strength of Adhesively Bonded Single Lap Joints. <i>Journal of Adhesion</i> , 2015, 91, 637-650.	1.8	28
15	Effect of the Spew Fillet on Adhesively Bonded Single-Lap Joint Subjected to Tensile Loading: Experimental and 3-D Non-Linear Stress Analysis. <i>Journal of Adhesion</i> , 2014, 90, 195-209.	1.8	26
16	A study on the strength of adhesively bonded joints with different adherends. <i>Composites Part B: Engineering</i> , 2014, 62, 167-174.	5.9	105
17	The effect of the adherend width on the strength of adhesively bonded single-lap joint: Experimental and numerical analysis. <i>Composites Part B: Engineering</i> , 2014, 60, 736-745.	5.9	59
18	The effect of the spew fillet on an adhesively bonded single-lap joint subjected to bending moment. <i>Composites Part B: Engineering</i> , 2013, 55, 55-64.	5.9	42

#	ARTICLE	IF	CITATIONS
19	Nonlinear stress analysis in adhesively bonded single-lap joint. Journal of Adhesion Science and Technology, 2013, 27, 2304-2314.	1.4	3
20	A study on 3-D stress distributions in the bi-adhesively bonded T-joints. Applied Mathematical Modelling, 2013, 37, 10220-10230.	2.2	40
21	3-D non-linear stress analysis on the adhesively bonded T-joints with embedded supports. Composites Part B: Engineering, 2013, 53, 314-323.	5.9	15
22	Effect of protrusion at the ends of bondline in single lap joints under tension and bending. Journal of Adhesion Science and Technology, 2012, 26, 2591-2602.	1.4	10
23	A non-linear elastic-plastic stress analysis in a ductile double-lap joint. Science and Engineering of Composite Materials, 2012, .	0.6	4
24	Determination of Mechanical Properties of Double-Strap Adhesive Joints with an Embedded Patch. Journal of Adhesion Science and Technology, 2011, 25, 2555-2567.	1.4	14
25	Effect of Curing Pressure on the Strength of Adhesively Bonded Joints. Journal of Adhesion, 2007, 83, 553-571.	1.8	19
26	Stress analysis of shrink-fitted joints for various fit forms via finite element method. Materials & Design, 2005, 26, 281-289.	5.1	55
27	The effect of adherend thickness on the failure of adhesively-bonded single-lap joints. Journal of Adhesion Science and Technology, 2005, 19, 705-718.	1.4	62
28	Effect of overlap length on durability of joints bonded with a pressure-sensitive adhesive. Journal of Adhesion Science and Technology, 2005, 19, 57-71.	1.4	10
29	A study on durability of joints bonded with pressure-sensitive adhesives. Journal of Adhesion Science and Technology, 2004, 18, 1187-1198.	1.4	1
30	Non-linear stress and failure analyses of adhesively-bonded joints subjected to a bending moment. Journal of Adhesion Science and Technology, 2004, 18, 1589-1602.	1.4	29
31	The effects of overlap length and adherend thickness on the strength of adhesively bonded joints subjected to bending moment. Journal of Adhesion Science and Technology, 2004, 18, 313-325.	1.4	37
32	FE Stress Analysis of Thick Composite Laminates with a Hole in Bending. Applied Composite Materials, 2003, 10, 103-117.	1.3	8