

Murat DemÄ°r Aydın

List of Publications by Year in descending order

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23
papers

578
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706676

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docs citations

23
times ranked

343
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | The experimental and numerical study on the mechanical behaviours of adhesively bonded joints. Composites Part B: Engineering, 2020, 184, 107725. | 5.9 | 8 |
| 2 | The investigation of mechanical properties of a structural adhesive via digital image correlation (DIC) technic. Composites Part B: Engineering, 2019, 173, 106995. | 5.9 | 18 |
| 3 | Experimental and 3D non-linear stress analysis of adhesively bonded pipes with curved-surface lap joints. Journal of Adhesion, 2019, 95, 515-528. | 1.8 | 5 |
| 4 | Mechanical behaviour of adhesively repaired pipes subject to internal pressure. International Journal of Adhesion and Adhesives, 2017, 75, 88-95. | 1.4 | 16 |
| 5 | The strength of the adhesively bonded T-joints with embedded supports. International Journal of Adhesion and Adhesives, 2014, 50, 142-150. | 1.4 | 17 |
| 6 | Effect of the Spew Fillet on Adhesively Bonded Single-Lap Joint Subjected to Tensile Loading: Experimental and 3-D Non-Linear Stress Analysis. Journal of Adhesion, 2014, 90, 195-209. | 1.8 | 26 |
| 7 | A study on the strength of adhesively bonded joints with different adherends. Composites Part B: Engineering, 2014, 62, 167-174. | 5.9 | 105 |
| 8 | 3-D non-linear stress analysis on the adhesively bonded composite joint under bending moment. International Journal of Mechanical Sciences, 2014, 81, 149-157. | 3.6 | 25 |
| 9 | The effect of the spew fillet on an adhesively bonded single-lap joint subjected to bending moment. Composites Part B: Engineering, 2013, 55, 55-64. | 5.9 | 42 |
| 10 | A study on 3-D stress distributions in the bi-adhesively bonded T-joints. Applied Mathematical Modelling, 2013, 37, 10220-10230. | 2.2 | 40 |
| 11 | 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 |
| 12 | Increasing single-lap joint strength by adherend curvature-induced residual stresses. Journal of Adhesion Science and Technology, 2013, 27, 244-251. | 1.4 | 12 |
| 13 | 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 |
| 14 | 3-D Nonlinear Stress Analysis on Adhesively Bonded Single Lap Composite Joints with Different Ply Stacking Sequences. Journal of Adhesion, 2008, 84, 15-36. | 1.8 | 18 |
| 15 | Effect of Curing Pressure on the Strength of Adhesively Bonded Joints. Journal of Adhesion, 2007, 83, 553-571. | 1.8 | 19 |
| 16 | Stress analysis of shrink-fitted joints for various fit forms via finite element method. Materials & Design, 2005, 26, 281-289. | 5.1 | 55 |
| 17 | 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 |
| 18 | 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 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | A study on durability of joints bonded with pressure-sensitive adhesives. Journal of Adhesion Science and Technology, 2004, 18, 1187-1198. | 1.4 | 1 |
| 20 | 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 |
| 21 | 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 |
| 22 | FE Stress Analysis of Thick Composite Laminates with a Hole in Bending. Applied Composite Materials, 2003, 10, 103-117. | 1.3 | 8 |
| 23 | THE STRESS ANALYSIS ON TWO DIFFERENT ADHESIVELY BONDED T-JOINTS VIA 3D NONLINEAR FINITE ELEMENT METHOD. Journal of Thermal Engineering, 0, , 170-179. | 0.8 | 0 |