Guido Di Bella

List of Publications by Year
in descending order

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44 papers	2,775 citations	279701 23 h-index	302012 39 g-index
44 all docs	44 docs citations	44 times ranked	2680 citing authors

#	Article	IF	Citations
1	Comparative analysis between co-curing and adhesive bonding of glass-epoxy composite laminates and AA5083 aluminium sheets for Maritime application: effect of surface pattern. Journal of Adhesion Science and Technology, 2023, 37, 945-960.	1.4	3
2	Effect of surface pattern on strength of structural lightweight bonded joints for marine applications. International Journal of Adhesion and Adhesives, 2022, 117, 103005.	1.4	10
3	Effect of Sheetsâ€™ Thickness and Rivet Geometry on Mechanical Properties of Orbital Riveted Aluminium Joints: Experimental and Numerical Analysis. Journal of Manufacturing and Materials Processing, 2021, 5, 102.	1.0	1
4	Effect of Temperature on Curing Time of Single-Lap Adhesive Joints in Marine Applications. Materials Proceedings, 2021, 6, 8.	0.2	0
5	Effect of Sheep Wool Fibers on Thermal Insulation and Mechanical Properties of Cement-Based Composites. Journal of Natural Fibers, 2020, 17, 1532-1543.	1.7	33
6	Effect of plasma treatment on mechanical and thermal properties of marble powder/epoxy composites. Polymer Composites, 2018, 39, 309-317.	2.3	30
7	Three-Point Flexural Properties of Bonded Reinforcement Elements for Pleasure Craft Decks. Applied Composite Materials, 2018, 25, 21-34.	1.3	5
8	Durability of orbital riveted steel/aluminium joints in salt spray environment. Journal of Manufacturing Processes, 2018, 35, 254-260.	2.8	7
9	Design of a geothermal plant to heat a waterpark swimming pool: Case study of tramutola (Basilicata,) Tj ETQq1 1 0.784314 rgBT /Over	1.1	0
10	Techno-Economic Analysis of Solar Cooling Systems for Residential Buildings in Italy. Journal of Solar Energy Engineering, Transactions of the ASME, 2016, 138, .	1.1	13
11	Durability of hybrid clinch-bonded steel/aluminum joints in salt spray environment. International Journal of Advanced Manufacturing Technology, 2016, 87, 3137-3147.	1.5	35
12	Manufacture of marine composite sandwich structures. , 2016, , 57-78.		9
13	Effects of aging in salt spray conditions on flax and flax/basalt reinforced composites: Wettability and dynamic mechanical properties. Composites Part B: Engineering, 2016, 93, 35-42.	5.9	53
14	Assessment of ageing effect on the mechanical behaviour of steel/aluminium self-piercing riveted joint. International Journal of Mechanical and Materials Engineering, 2015, 10, .	1.1	5
15	A review on basalt fibre and its composites. Composites Part B: Engineering, 2015, 74, 74-94.	5.9	859
16	Failure behaviour of SPR joints after salt spray test. Engineering Structures, 2015, 82, 33-43.	2.6	47
17	The effect of alkaline treatment on mechanical properties of kenaf fibers and their epoxy composites. Composites Part B: Engineering, 2015, 68, 14-21.	5.9	389
18	Effects of natural fibres reinforcement in lime plasters (kenaf and sisal vs. Polypropylene). Construction and Building Materials, 2014, 58, 159-165.	3.2	129

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19	Load-deflection characteristics of superelastic and thermal nickel-titanium wires. European Journal of Orthodontics, 2013, 35, 115-123.	1.1	34
20	On the mechanical behavior of BFRP to aluminum AA6086 mixed joints. Composites Part B: Engineering, 2013, 48, 79-87.	5.9	45
21	Mechanical characterization of adhesive joints with dissimilar substrates for marine applications. International Journal of Adhesion and Adhesives, 2013, 41, 33-40.	1.4	30
22	Durability on alternate immersion test of self-piercing riveting aluminium joint. Materials & Design, 2013, 46, 849-856.	5.1	46
23	Effect of curing time on the performances of hybrid/mixed joints. Composites Part B: Engineering, 2013, 45, 911-918.	5.9	23
24	Mechanical behavior of carbon/flax hybrid composites for structural applications. Journal of Composite Materials, 2012, 46, 2089-2096.	1.2	101
25	Mechanical characterisation of a glass/polyester sandwich structure for marine applications. Materials & Design, 2012, 42, 486-494.	5.1	48
26	Effects of manufacturing procedure on unsymmetrical sandwich structures under static load conditions. Materials & Design, 2012, 35, 457-466.	5.1	27
27	Pin-Contact Behaviour of Composite Sandwich Structures Under Compressive Bearing Load. Applied Composite Materials, 2011, 18, 197-210.	1.3	10
28	Artichoke (Cynara cardunculus L.) fibres as potential reinforcement of composite structures. Composites Science and Technology, 2011, 71, 1138-1144.	3.8	131
29	Glassâ€“basalt/epoxy hybrid composites for marine applications. Materials & Design, 2011, 32, 2091-2099.	5.1	281
30	Effect of areal weight and chemical treatment on the mechanical properties of bidirectional flax fabrics reinforced composites. Materials & Design, 2010, 31, 4098-4103.	5.1	55
31	Experimental and numerical study of composite T-joints for marine application. International Journal of Adhesion and Adhesives, 2010, 30, 347-358.	1.4	31
32	Effect of UD Carbon on the Specific Mechanical Properties of Glass Mat Composites for Marine Applications. Journal of Composite Materials, 2010, 44, 1351-1364.	1.2	9
33	Adhesive joining of aluminium AA6082: The effects of resin and surface treatment. International Journal of Adhesion and Adhesives, 2009, 29, 36-44.	1.4	92
34	Paper-reinforced biomimetic cellular structures for automotive applications. Materials & Design, 2009, 30, 4054-4059.	5.1	14
35	Effects of powder concentration and type of resin on the performance of marble composite structures. Construction and Building Materials, 2009, 23, 1915-1921.	3.2	63
36	Windsurf-Board Sandwich Panels Under Static Indentation. Applied Composite Materials, 2008, 15, 75-86.	1.3	3

#	Article	IF	Citations
37	Effect of Chemical Etching on Adhesively Bonded Aluminum AA6082. Key Engineering Materials, 2007, 344, 669-676.	0.4	7
38	Failure Map of Composite Laminate Mechanical Joint. Journal of Composite Materials, 2007, 41, 951-964.	1.2	38
39	Study of New Joining Technique: Flat Clinching. Key Engineering Materials, 2007, 344, 685-692.	0.4	18
40	Effect of Bonder at Skin/Core Interface on the Mechanical Performances of Sandwich Structures Used in Marine Industry. Applied Composite Materials, 2007, 14, 307-323.	1.3	10
41	Comparisons of processing and strength properties of two adhesive systems for composite joints. International Journal of Adhesion and Adhesives, 2007, 27, 446-457.	1.4	22
42	Geometry and Stacking Sequence Effect on Composite Spinnaker Pole's Stiffness: Experimental and Numerical Analysis. Applied Composite Materials, 2006, 13, 217-235.	1.3	4
43	Study of New Joining Technique: Flat Clinching. Key Engineering Materials, 0, , 685-692.	0.4	4
44	Effect of Chemical Etching on Adhesively Bonded Aluminum AA6082. Key Engineering Materials, 0, , 669-676.	0.4	1