

Guido Di Bella

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,775
citations

279701

23
h-index

302012

39
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all docs

44
docs citations

44
times ranked

2680
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on basalt fibre and its composites. <i>Composites Part B: Engineering</i> , 2015, 74, 74-94.	5.9	859
2	The effect of alkaline treatment on mechanical properties of kenaf fibers and their epoxy composites. <i>Composites Part B: Engineering</i> , 2015, 68, 14-21.	5.9	389
3	Glass/basalt/epoxy hybrid composites for marine applications. <i>Materials & Design</i> , 2011, 32, 2091-2099.	5.1	281
4	Artichoke (<i>Cynara cardunculus</i> L.) fibres as potential reinforcement of composite structures. <i>Composites Science and Technology</i> , 2011, 71, 1138-1144.	3.8	131
5	Effects of natural fibres reinforcement in lime plasters (kenaf and sisal vs. Polypropylene). <i>Construction and Building Materials</i> , 2014, 58, 159-165.	3.2	129
6	Mechanical behavior of carbon/flax hybrid composites for structural applications. <i>Journal of Composite Materials</i> , 2012, 46, 2089-2096.	1.2	101
7	Adhesive joining of aluminium AA6082: The effects of resin and surface treatment. <i>International Journal of Adhesion and Adhesives</i> , 2009, 29, 36-44.	1.4	92
8	Effects of powder concentration and type of resin on the performance of marble composite structures. <i>Construction and Building Materials</i> , 2009, 23, 1915-1921.	3.2	63
9	Effect of areal weight and chemical treatment on the mechanical properties of bidirectional flax fabrics reinforced composites. <i>Materials & Design</i> , 2010, 31, 4098-4103.	5.1	55
10	Effects of aging in salt spray conditions on flax and flax/basalt reinforced composites: Wettability and dynamic mechanical properties. <i>Composites Part B: Engineering</i> , 2016, 93, 35-42.	5.9	53
11	Mechanical characterisation of a glass/polyester sandwich structure for marine applications. <i>Materials & Design</i> , 2012, 42, 486-494.	5.1	48
12	Failure behaviour of SPR joints after salt spray test. <i>Engineering Structures</i> , 2015, 82, 33-43.	2.6	47
13	Durability on alternate immersion test of self-piercing riveting aluminium joint. <i>Materials & Design</i> , 2013, 46, 849-856.	5.1	46
14	On the mechanical behavior of BFRP to aluminum AA6086 mixed joints. <i>Composites Part B: Engineering</i> , 2013, 48, 79-87.	5.9	45
15	Failure Map of Composite Laminate Mechanical Joint. <i>Journal of Composite Materials</i> , 2007, 41, 951-964.	1.2	38
16	Durability of hybrid clinch-bonded steel/aluminum joints in salt spray environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 87, 3137-3147.	1.5	35
17	Load-deflection characteristics of superelastic and thermal nickel-titanium wires. <i>European Journal of Orthodontics</i> , 2013, 35, 115-123.	1.1	34
18	Effect of Sheep Wool Fibers on Thermal Insulation and Mechanical Properties of Cement-Based Composites. <i>Journal of Natural Fibers</i> , 2020, 17, 1532-1543.	1.7	33

#	ARTICLE	IF	CITATIONS
19	Experimental and numerical study of composite T-joints for marine application. International Journal of Adhesion and Adhesives, 2010, 30, 347-358.	1.4	31
20	Mechanical characterization of adhesive joints with dissimilar substrates for marine applications. International Journal of Adhesion and Adhesives, 2013, 41, 33-40.	1.4	30
21	Effect of plasma treatment on mechanical and thermal properties of marble powder/epoxy composites. Polymer Composites, 2018, 39, 309-317.	2.3	30
22	Effects of manufacturing procedure on unsymmetrical sandwich structures under static load conditions. Materials & Design, 2012, 35, 457-466.	5.1	27
23	Effect of curing time on the performances of hybrid/mixed joints. Composites Part B: Engineering, 2013, 45, 911-918.	5.9	23
24	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
25	Study of New Joining Technique: Flat Clinching. Key Engineering Materials, 2007, 344, 685-692.	0.4	18
26	Paper-reinforced biomimetic cellular structures for automotive applications. Materials & Design, 2009, 30, 4054-4059.	5.1	14
27	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
28	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
29	Pin-Contact Behaviour of Composite Sandwich Structures Under Compressive Bearing Load. Applied Composite Materials, 2011, 18, 197-210.	1.3	10
30	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
31	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
32	Manufacture of marine composite sandwich structures. , 2016, , 57-78.		9
33	Effect of Chemical Etching on Adhesively Bonded Aluminum AA6082. Key Engineering Materials, 2007, 344, 669-676.	0.4	7
34	Durability of orbital riveted steel/aluminium joints in salt spray environment. Journal of Manufacturing Processes, 2018, 35, 254-260.	2.8	7
35	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
36	Three-Point Flexural Properties of Bonded Reinforcement Elements for Pleasure Craft Decks. Applied Composite Materials, 2018, 25, 21-34.	1.3	5

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37	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
38	Study of New Joining Technique: Flat Clinching. Key Engineering Materials, 0, , 685-692.	0.4	4
39	Windsurf-Board Sandwich Panels Under Static Indentation. Applied Composite Materials, 2008, 15, 75-86.	1.3	3
40	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
41	Effect of Sheets's 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
42	Effect of Chemical Etching on Adhesively Bonded Aluminum AA6082. Key Engineering Materials, 0, , 669-676.	0.4	1
43	Design of a geothermal plant to heat a waterpark swimming pool: Case study of tramutola (Basilicata), Tj ETQq1 1 0.784314 ggBT /Over 1.1	0.784314	1
44	Effect of Temperature on Curing Time of Single-Lap Adhesive Joints in Marine Applications. Materials Proceedings, 2021, 6, 8.	0.2	0