Miguel Ãngel MartÃnez

List of Publications by Year
in descending order

33	1,102	361296 20	414303 32
papers	citations	h-index	g-index

33	33	33	1021
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-Step Enameling and Sintering of Low-Carbon Steels. Metals, 2021, 11, 1007.	1.0	3
2	Characterization of hybrid biocomposite Poly-Butyl-Succinate/Carbon fibers/Flax fibers. Composites Part B: Engineering, 2021, 221, 109033.	5.9	24
3	Recent Progress in Carbon Fiber Reinforced Polymers Recycling: A Review of Recycling Methods and Reuse of Carbon Fibers. Materials, 2021, 14, 6401.	1.3	37
4	Comparative Characterization of Hot-Pressed Polyamide 11 and 12: Mechanical, Thermal and Durability Properties. Polymers, 2021, 13, 3553.	2.0	27
5	Recent Progress in Hybrid Biocomposites: Mechanical Properties, Water Absorption, and Flame Retardancy. Materials, 2020, 13, 5145.	1.3	52
6	Effect of APPT Treatment on Mechanical Properties and Durability of Green Composites with Woven Flax. Materials, 2020, 13, 4762.	1.3	10
7	Effect of moisture and temperature on thermal and mechanical properties of structural polyurethane adhesive joints. Composite Structures, 2020, 247, 112443.	3.1	26
8	Influence of sample dimensions on single lap joints: effect of interactions between parameters. Journal of Adhesion, 2020, , 1-12.	1.8	5
9	Effect of moisture and temperature on the thermal and mechanical properties of a ductile epoxy adhesive for use in steel structures reinforced with CFRP. Composites Part B: Engineering, 2019, 176, 107194.	5.9	46
10	Novel application of a thermoplastic composite with improved matrix-fiber interface. Journal of Materials Research and Technology, 2019, 8, 5536-5547.	2.6	12
11	Characterization a polyurethane-based reactive hot melt adhesive for applications in materials. DYNA (Colombia), 2019, 86, 247-253.	0.2	1
12	Intensity of singular stress field (ISSF) variation as a function of the Young's modulus in single lap adhesive joints. International Journal of Adhesion and Adhesives, 2019, 95, 102418.	1.4	13
13	Durability of steel-CFRP structural adhesive joints with polyurethane adhesives. Composites Part B: Engineering, 2019, 165, 1-9.	5.9	48
14	Environmentally Friendly Plasma Activation of Acrylonitrileâ€“Butadieneâ€“Styrene and Polydimethylsiloxane Surfaces to Improve Paint Adhesion. Coatings, 2018, 8, 428.	1.2	10
15	Development of Silane-Based Coatings with Zirconia Nanoparticles Combining Wetting, Tribological, and Aesthetical Properties. Coatings, 2018, 8, 368.	1.2	20
16	Erosion-wear, mechanical and thermal properties of silica filled epoxy nanocomposites. Composites Part B: Engineering, 2017, 120, 42-53.	5.9	88
17	Study of the behaviour of adhesive joints of steel with CFRP for its application in bus structures. Composites Part B: Engineering, 2017, 129, 41-46.	5.9	75
18	Influence of the type of solvent on the development of superhydrophobicity from silane-based solution containing nanoparticles. Applied Surface Science, 2017, 397, 87-94.	3.1	31

#	Article	IF	Citations
19	Silane pretreatment of electrogalvanized steels: Effect on adhesive properties. International Journal of Adhesion and Adhesives, 2016, 65, 54-62.	1.4	30
20	Evaluation of Adhesion Improvement of a GFRP Treated with Atmospheric Plasma Torch. Journal of Adhesion, 2015, 91, 937-949.	1.8	3
21	Aging by moisture and/or temperature of epoxy/SiC composites: Thermal and mechanical properties. Journal of Composite Materials, 2015, 49, 2963-2975.	1.2	23
22	Surface modification of aircraft used composites for adhesive bonding. International Journal of Adhesion and Adhesives, 2014, 50, 157-163.	1.4	100
23	Cold plasma effect on short glass fibre reinforced composites adhesion properties. International Journal of Adhesion and Adhesives, 2014, 48, 85-91.	1.4	25
24	Polymerization kinetics of boron carbide/epoxy composites. Thermochimica Acta, 2014, 575, 144-150.	1.2	27
25	Atmospheric plasma torch treatment of polyethylene/boron composites: Effect on thermal stability. Surface and Coatings Technology, 2014, 239, 70-77.	2.2	16
26	Modification of glass surfaces adhesion properties by atmospheric pressure plasma torch. International Journal of Adhesion and Adhesives, 2013, 44, 1-8.	1.4	31
27	Effect of tetraethoxysilane coating on the improvement of plasma treated polypropylene adhesion. Applied Surface Science, 2013, 280, 850-857.	3.1	32
28	Development of improved polypropylene adhesive bonding by abrasion and atmospheric plasma surface modifications. International Journal of Adhesion and Adhesives, 2012, 33, 1-6.	1.4	74
29	Extreme durability of wettability changes on polyolefin surfaces by atmospheric pressure plasma torch. Surface and Coatings Technology, 2010, 205, 396-402.	2.2	94
30	Surface modifications of polycarbonate (PC) and acrylonitrile butadiene styrene (ABS) copolymer by treatment with atmospheric plasma. Surface and Coatings Technology, 2009, 203, 2173-2180.	2.2	108
31	Analytical solution to calculate the stress distribution in pin-and-collar samples bonded with anaerobic adhesives (following ISO 10123 standard). International Journal of Adhesion and Adhesives, 2008, 28, 405-410.	1.4	8
32	Manufacturing of Porous Boron Steels Potentially Useful as Nuclear Materials. Journal of Nuclear Science and Technology, 2006, 43, 866-873.	0.7	3
33	Effect of Sintering Temperature on the Formation of Intermetallics in Al-Fe-B Nanocomposite. Materials Science Forum, 0, 802, 130-134.	0.3	0