

Mariola Pantoja

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Thermal characterization and diffusivity of two mono-component epoxies for transformer insulation. <i>International Journal of Adhesion and Adhesives</i> , 2020, 103, 102726.	1.4	8
2	Development of superhydrophobic coatings on AISI 304 austenitic stainless steel with different surface pretreatments. <i>Thin Solid Films</i> , 2019, 671, 22-30.	0.8	20
3	Development of Silane-Based Coatings with Zirconia Nanoparticles Combining Wetting, Tribological, and Aesthetical Properties. <i>Coatings</i> , 2018, 8, 368.	1.2	20
4	Wear resistance of hydrophobic surfaces. <i>Journal of Physics: Conference Series</i> , 2017, 843, 012067.	0.3	0
5	Influence of the type of solvent on the development of superhydrophobicity from silane-based solution containing nanoparticles. <i>Applied Surface Science</i> , 2017, 397, 87-94.	3.1	31
6	Promotion of tribological and hydrophobic properties of a coating on TPE substrates by atmospheric plasma-polymerization. <i>Applied Surface Science</i> , 2016, 371, 50-60.	3.1	15
7	Silane pretreatment of electrogalvanized steels: Effect on adhesive properties. <i>International Journal of Adhesion and Adhesives</i> , 2016, 65, 54-62.	1.4	30
8	Hydrophobicity attainment and wear resistance enhancement on glass substrates by atmospheric plasma-polymerization of mixtures of an aminosilane and a fluorocarbon. <i>Applied Surface Science</i> , 2015, 347, 325-335.	3.1	20
9	Aging by moisture and/or temperature of epoxy/SiC composites: Thermal and mechanical properties. <i>Journal of Composite Materials</i> , 2015, 49, 2963-2975.	1.2	23
10	Effect of tetraethoxysilane coating on the improvement of plasma treated polypropylene adhesion. <i>Applied Surface Science</i> , 2013, 280, 850-857.	3.1	32
11	Environmental Evaluation of Silanes as Adhesion Promoters for Organic Coatings. <i>Journal of Adhesion</i> , 2012, 88, 308-320.	1.8	0
12	Atmospheric Pressure Plasma Hydrophilic Modification of a Silicone Surface. <i>Journal of Adhesion</i> , 2012, 88, 321-336.	1.8	27
13	Epoxy Composite Reinforced with Nano and Micro SiC Particles: Curing Kinetics and Mechanical Properties. <i>Journal of Adhesion</i> , 2012, 88, 418-434.	1.8	66
14	Effect of EtOH/H ₂ O Ratio and pH on Bis-Sulfur Silane Solutions for Electrogalvanized Steel Joints Based on Anaerobic Adhesives. <i>Journal of Adhesion</i> , 2011, 87, 688-708.	1.8	6
15	Mechanical properties of polyester films painted after silanization of 6063 aluminium alloy with different pretreatment conditions. <i>Progress in Organic Coatings</i> , 2011, 70, 287-292.	1.9	15
16	Influence of thread geometry on the performance of retaining anaerobic adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2011, 31, 429-433.	1.4	3
17	Approaches to Poly(Tetrafluoroethylene) Adhesive Bonding. <i>Journal of Adhesion</i> , 2011, 87, 709-719.	1.8	10
18	The Influence of pH on the Hydrolysis Process of $\hat{1}^3$ -Methacryloxypropyltrimethoxysilane, Analyzed by FT-IR, and the Silanization of Electrogalvanized Steel. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 1131-1143.	1.4	34

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19	Structural and Mechanical Characterization of \hat{I}^3 -Methacryloxypropyltrimethoxysilane (MPS) on Zn-Electrocoated Steel. Journal of Adhesion Science and Technology, 2010, 24, 1885-1901.	1.4	8
20	Control of Wettability of Polymers by Surface Roughness Modification. Journal of Adhesion Science and Technology, 2010, 24, 1869-1883.	1.4	77
21	The Effect of Surface Treatment on the Behavior of Toughened Acrylic Adhesive/GRP(epoxy) Composite Joints. Journal of Adhesion Science and Technology, 2010, 24, 1903-1916.	1.4	31
22	Analysis of hydrolysis process of \hat{I}^3 -methacryloxypropyltrimethoxysilane and its influence on the formation of silane coatings on 6063 aluminum alloy. Applied Surface Science, 2009, 255, 6386-6390.	3.1	104
23	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
24	Influence of Silanisation Parameters With \hat{I}^3 -Methacryloxypropyltrimethoxysilane on Durability of Aluminium/Acrylic Adhesive Joints. Journal of Adhesion Science and Technology, 2008, 22, 1461-1475.	1.4	12
25	Analysis of substrate preparation and curing position on mechanical properties of adhesive joints using statistical methods. Journal of Adhesion Science and Technology, 2007, 21, 1045-1058.	1.4	4
26	Analysis of shear strength of cylindrical assemblies with anaerobic adhesives using Weibull statistics. Journal of Adhesion Science and Technology, 2007, 21, 1659-1669.	1.4	3