JosÃ© M Mata Padilla

List of Publications by Year
in descending order

31	339	840119 11	839053 18
papers	citations	h-index	g-index

31	31	31	484
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of carbon structures on the properties and photodegradation of <scp>LDPE</scp>/<scp>LLDPE</scp> films. Polymers for Advanced Technologies, 2022, 33, 1727-1741.	1.6	1
2	Non-isothermal crystallization behavior of isotactic polypropylene/copper nanocomposites. Journal of Thermal Analysis and Calorimetry, 2021, 143, 2919-2932.	2.0	3
3	Anhydride Grafting on Carbon Nanotubes Using Ultrasound and its Effect on Polypropylene Nanocomposite Properties. Polymer-Plastics Technology and Materials, 2021, 60, 1066-1083.	0.6	0
4	Synthesis and thermotropic liquid-crystalline properties of a hexyloxy-substituted pyridyl-ethynylene-azobenzene and its halogen-bonded complex with tetrafluoroiodophenyl decanoate. Journal of Fluorine Chemistry, 2021, 244, 109739.	0.9	2
5	Synthesis of Copper Nanoparticles Stabilized with Organic Ligands and Their Antimicrobial Properties. Polymers, 2021, 13, 2846.	2.0	12
6	Insights on the Molecular Behavior of Polypropylene in the Process of Ultrasonic Injection Molding. Polymers, 2021, 13, 4010.	2.0	3
7	Transition metal nanocatalysts by modified inverse microemulsion for the heavy crude oil upgrading at reservoir. Catalysis Today, 2020, 349, 81-87.	2.2	7
8	NiFe nanocatalysts for the hydrocracking heavy crude oil. Catalysis Today, 2020, 349, 17-25.	2.2	11
9	Effect of Modified Hexagonal Boron Nitride Nanoparticles on the Emulsion Stability, Viscosity and Electrochemical Behavior of Nanostructured Acrylic Coatings for the Corrosion Protection of AISI 304 Stainless Steel. Coatings, 2020, 10, 488.	1.2	19
10	Nanostructured Polymers for Thermoelectric Conversion. , 2020, , 1-27.		0
11	Aniline-Modified Polypropylene as a Compatibilizer in Polypropylene Carbon Nanotube Composites. Polymer-Plastics Technology and Engineering, 2018, 57, 1360-1366.	1.9	9
12	Starchâ€graphene oxide bionanocomposites prepared through melt mixing. Journal of Applied Polymer Science, 2018, 135, 46037.	1.3	16
13	Effect of Sorbitol Templates on the Preferential Crystallographic Growth of Isotactic Polypropylene Wax. Crystals, 2018, 8, 59.	1.0	1
14	Synthesis and Thermomechanical Characterization of Nylon 6/Cu Nanocomposites Produced by an Ultrasound-Assisted Extrusion Method. Advances in Materials Science and Engineering, 2018, 2018, 1-10.	1.0	11
15	Transparent Low Electrostatic Charge Films Based on Carbon Nanotubes and Polypropylene. Homopolymer Cast Films. Polymers, 2018, 10, 55.	2.0	6
16	Gelling of amaranth and achira starch blends in excess and limited water. LWT - Food Science and Technology, 2017, 81, 265-273.	2.5	15
17	Structural properties of waxy corn and potato starch blends in excess water. International Journal of Food Properties, 2017, 20, S353-S365.	1.3	9
18	Morphological Study and Dielectric Behavior of Nonisothermally Crystallized Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td 2016, 1-9.	1.5	3

#	Article	IF	Citations
19	Synthesis of spherical SBA-15 mesoporous silica. Influence of reaction conditions on the structural order and stability. Ceramics International, 2016, 42, 7564-7570.	2.3	28
20	Effect of MWNTs concentration and cooling rate on the morphological, structural, and electrical properties of nonâ€isothermally crystallized PEN/MWNT nanocomposites. Journal of Applied Polymer Science, 2015, 132, .	1.3	6
21	Ultrasound-Assist Extrusion Methods for the Fabrication of Polymer Nanocomposites Based on Polypropylene/Multi-Wall Carbon Nanotubes. Materials, 2015, 8, 7900-7912.	1.3	24
22	Structural and morphological studies on the deformation behavior of polypropylene/multiâ€walled carbon nanotubes nanocomposites prepared through ultrasoundâ€assisted melt extrusion process. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 475-491.	2.4	16
23	Effective method for the synthesis of pimelic acid/TiO2 nanoparticles with a high capacity to nucleate Î²-crystals in isotactic polypropylene nanocomposites. Journal of Materials Science, 2015, 50, 7998-8006.	1.7	19
24	Synthesis and photophysical and supramolecular study of Ï€-conjugated (diethylene glycol methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	8
25	Carbon nanotube surface-induced crystallization of polyethylene terephthalate (PET). Polymer, 2014, 55, 642-650.	1.8	36
26	Morphology and chain mobility of reactive blend nanocomposites of PPâ€EVA/Clay. Journal of Applied Polymer Science, 2014, 131, .	1.3	13
27	Study of Fracture Behavior of Polypropylene/MWCNT and Polypropylene/m-MMT Nanocomposites by Small Angle X-ray Scattering (SAXS). Materials Research Society Symposia Proceedings, 2012, 1371, 75.	0.1	2
28	Stepâ€like melting mechanisms of isothermally crystallized isotactic polypropylene. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 2188-2200.	2.4	10
29	The effect of nanoclays on the nucleation, crystallization, and melting mechanisms of isotactic polypropylene. Polymer Engineering and Science, 2007, 47, 1889-1897.	1.5	40
30	Ultrasound-Assisted Melt Extrusion of Polymer Nanocomposites. , 0, , .		7
31	Preparation and Characterization of Electrically Conductive Polymer Nanocomposites with Different Carbon Nanoparticles. , 0, , .		2