

Pablo Gonzlez-Morones

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32 papers	258 citations	10 h-index	14 g-index
35 ext. papers	324 ext. citations	3.3 avg, IF	2.94 L-index

#	Paper	IF	Citations
32	Study of the dielectric heating of graphite oxide and its effect on the microwave-assisted synthesis of Nylon-6/graphite oxide polymeric hybrid nanocomposites. <i>Journal of Applied Polymer Science</i> , 2022 , 139, 51567	2.9	1
31	Influence of Ethylene Plasma Treatment of Agave Fiber on the Cellular Morphology and Compressive Properties of Low-Density Polyethylene/Ethylene Vinyl Acetate Copolymer/Agave Fiber Composite Foams. <i>International Journal of Polymer Science</i> , 2021 , 2021, 1-13	2.4	
30	Graphite effect on the mechanical and fire-retardant performance of low-density polyethylene and ethylene-vinyl-acetate foam composites. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50892	2.9	1
29	Performance of nylon 6 composites reinforced with modified agave fiber: Structural, morphological, and mechanical features. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50857	2.9	4
28	Trends on Synthesis of Polymeric Nanocomposites Based on Green Chemistry 2021 , 1-31		
27	Trends on Synthesis of Polymeric Nanocomposites Based on Green Chemistry 2021 , 1111-1141		
26	Covalent Functionalization of Graphene Oxide with Fructose, Starch, and Micro-Cellulose by Sonochemistry. <i>Polymers</i> , 2021 , 13,	4.5	3
25	Mechanical behavior of glass fiber-reinforced Nylon-6 syntactic foams and its Young's modulus numerical study. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50648	2.9	4
24	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. <i>Coatings</i> , 2020 , 10, 488	2.9	8
23	Plasma-modified CNFs, GPs, and their mixtures for enhanced polypropylene thermal conductivity. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49138	2.9	1
22	Effects of multiphase transitions and reactive extrusion on in situ thermoplasticization/succination of cassava starch. <i>Carbohydrate Polymers</i> , 2019 , 225, 115250	10.3	10
21	Covalent grafting of unfunctionalized pristine MWCNT with Nylon-6 by microwave assist in-situ polymerization. <i>Polymer</i> , 2019 , 185, 121946	3.9	10
20	Ultrasound-Assisted Melt Extrusion of Polymer Nanocomposites 2019 ,		4
19	Microwave-assisted esterification step of poly(ethylene terephthalate) (PET) synthesis through ethylene glycol and terephthalic acid. <i>Polymer Bulletin</i> , 2019 , 76, 2931-2944	2.4	4
18	Mechanical reinforcement of thermoplastic vulcanizates using ground tyre rubber modified with sulfuric acid. <i>Polymer Composites</i> , 2018 , 39, 229-237	3	12
17	Transparent Low Electrostatic Charge Films Based on Carbon Nanotubes and Polypropylene. Homopolymer Cast Films. <i>Polymers</i> , 2018 , 10,	4.5	4
16	Exfoliation, reduction, hybridization and polymerization mechanisms in one-step microwave-assist synthesis of nanocomposite nylon-6/graphene. <i>Polymer</i> , 2018 , 146, 73-81	3.9	15

15	Starch-graphene oxide bionanocomposites prepared through melt mixing. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46037	2.9	13
14	Oxidation of Copper Nanoparticles Protected with Different Coatings and Stored under Ambient Conditions. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-8	3.2	24
13	Sulfuric acid treatment of ground tire rubber and its effect on the mechanical and thermal properties of polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	18
12	Early Stages of Antibacterial Damage of Metallic Nanoparticles by TEM and STEM-HAADF. <i>Current Nanoscience</i> , 2017 , 14, 54-61	1.4	9
11	Synthesis of reduced graphene oxide-poly(phenyleneethynylene) hybrids. A supramolecular and photophysical analyses. <i>Polymer</i> , 2017 , 122, 174-183	3.9	2
10	Hybridization of graphene sheets with polyethylene terephthalate through the process of in situ polymerization aided by ultrasound. <i>RSC Advances</i> , 2016 , 6, 18413-18418	3.7	7
9	Plasma Treatment of Agave Fiber Powder and Its Effect on the Mechanical and Thermal Properties of Composites Based on Polyethylene. <i>International Journal of Polymer Science</i> , 2016 , 2016, 1-7	2.4	7
8	Metamaterial Behavior of Polymer Nanocomposites Based on Polypropylene/Multi-Walled Carbon Nanotubes Fabricated by Means of Ultrasound-Assisted Extrusion. <i>Materials</i> , 2016 , 9,	3.5	5
7	Plasma Functionalization of Carbon Nanofibers with Vapors of Ammonia/Water. <i>Plasma Chemistry and Plasma Processing</i> , 2015 , 35, 757-768	3.6	4
6	Ultrasound-Assist Extrusion Methods for the Fabrication of Polymer Nanocomposites Based on Polypropylene/Multi-Wall Carbon Nanotubes. <i>Materials</i> , 2015 , 8, 7900-7912	3.5	20
5	Enhanced Antibacterial Activity of Melt Processed Poly(propylene) Ag and Cu Nanocomposites by Argon Plasma Treatment. <i>Plasma Processes and Polymers</i> , 2014 , 11, 353-365	3.4	29
4	Back Cover: Plasma Process. Polym. 42014. <i>Plasma Processes and Polymers</i> , 2014 , 11, 401-401	3.4	
3	Effect of Plasma Modification of Copper Nanoparticles on their Antibacterial Properties. <i>Plasma Processes and Polymers</i> , 2014 , 11, 685-693	3.4	19
2	Chemical Modification of Carbon Nanofibers with Plasma of Acrylic Acid. <i>Plasma Processes and Polymers</i> , 2013 , 10, 627-633	3.4	14
1	Preparation of Polymer Nanocomposites with Enhanced Antimicrobial Properties. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1479, 57-62		6