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List of Publications by Year in descending order

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28
papers

245
citations

1039406

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1058022

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docs citations

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times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological improvement of TiO ₂ nanoparticles modified by dicarboxylic acids. <i>Journal of Dispersion Science and Technology</i> , 2023, 44, 38-50.	1.3	2
2	Thermal and mechanical properties of poly(lactic acid) filled with modified silicon dioxide: importance of the surface area. <i>Polymer Bulletin</i> , 2022, 79, 1409-1435.	1.7	6
3	Application of the response surface methodology for the evaluation of <i>Staphylococcus aureus</i> inhibition with Ag/TiO ₂ nanoparticles. <i>Polymer Bulletin</i> , 2022, 79, 6445-6473.	1.7	5
4	Quercetin dietary supplement for the synthesis and stabilization of AgNPs in a neutral aqueous medium and their enhanced long-term antimicrobial activity. <i>MRS Communications</i> , 2022, 12, 188-193.	0.8	2
5	Influence of the chemical functionalization of titanium oxide nanotubes on the non-isothermal crystallization of polypropylene nanocomposites. <i>Journal of Materials Science</i> , 2022, 57, 5855-5872.	1.7	1
6	Which is better? Experimental and simulation analyses of the chemical modification of carbon nanotubes to improve their dispersion in water. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 1338-1349.	1.3	7
7	Non-isothermal crystallization behavior of isotactic polypropylene/copper nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 2919-2932.	2.0	3
8	Role of the chemical modification of titanium dioxide surface on the interaction with silver nanoparticles and the capability to enhance antimicrobial properties of poly(lactic acid) composites. <i>Polymer Bulletin</i> , 2021, 78, 2765-2790.	1.7	8
9	Influence of chain length, particle size, and thermal treatment of dicarboxylic acid-functionalized titanium dioxide filler in polypropylene. <i>Journal of Materials Research</i> , 2021, 36, 1718-1729.	1.2	3
10	Feasibility of quercetin dietary supplement as reducing and stabilizing agent: Green route of silver nanoparticles using a bioactive flavonoid. <i>MRS Communications</i> , 2021, 11, 498-503.	0.8	3
11	Influence of the surface modification of titanium dioxide nanoparticles TiO ₂ under efficiency of silver nanodots deposition and its effect under the properties of starch-chitosan (SC) films. <i>Polymer Bulletin</i> , 2020, 77, 107-133.	1.7	14
12	Chemical modification of titanium dioxide nanoparticles with dicarboxylic acids to mediate the UV degradation in polyethylene films. <i>Polymer Bulletin</i> , 2020, 77, 6409-6431.	1.7	8
13	Effect of H bonds on thermal behavior and cohesion in polylactic acid nanocomposites and nitrogen-doped carbon nanotubes. <i>Journal of Materials Science</i> , 2020, 55, 3354-3368.	1.7	5
14	Effect of aliphatic chain in dicarboxylic acids on non-isothermal crystallization and mechanical behavior of titanium dioxide/iPP composites. <i>Thermochimica Acta</i> , 2020, 686, 178543.	1.2	7
15	Used of Chemically Modified Titanium Dioxide Particles to Mediate the Non-isothermal Cold Crystallization of Poly(lactic acid). <i>Journal of the Mexican Chemical Society</i> , 2020, 64, .	0.2	6
16	Silanization of di-n-octyldichlorosilane as a route to improve the integration of titanium dioxide in polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 1069-1079.	2.0	5
17	Modification of graphene oxide to induce beta crystals in isotactic polypropylene. <i>Journal of Materials Science</i> , 2019, 54, 427-443.	1.7	16
18	Improving titanium dioxide dispersion in water through surface functionalization by a dicarboxylic acid. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 1039-1045.	1.3	12

#	ARTICLE	IF	CITATIONS
19	Improvement in the energy dissipation capacity of polypropylene composites through a surface modification of titanium dioxide particles with a dicarboxylic acid. Thermochimica Acta, 2018, 664, 48-56.	1.2	10
20	Effect of the reaction medium on the characteristics of silanized titanium dioxide particles: Differences obtained in the Zeta potential data and infrared spectra. Data in Brief, 2018, 21, 1130-1134.	0.5	1
21	Effect of chemical modification of titanium dioxide surface with dicarboxylic acid on the crystalline parameters and rheology behavior in polypropylene composites.. Data in Brief, 2018, 20, 1220-1223.	0.5	1
22	Improvement of the colloidal stability of titanium dioxide particles in water through silicon based coupling agent. Materials Chemistry and Physics, 2018, 217, 285-290.	2.0	19
23	Study of a Polydimethylsiloxane (PDMS) Elastomer Generated by γ Irradiation: Correlation Between Properties (Thermal and Mechanical) and Structure (Crosslink Density Value). Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 622-632.	1.9	13
24	Non-isothermal crystallization analysis of isotactic polypropylene filled with titanium dioxide particles modified by a dicarboxylic acid. Thermochimica Acta, 2016, 631, 8-17.	1.2	16
25	Effective method for the synthesis of pimelic acid/TiO ₂ nanoparticles with a high capacity to nucleate β -crystals in isotactic polypropylene nanocomposites. Journal of Materials Science, 2015, 50, 7998-8006.	1.7	19
26	Functionalization of multi-walled carbon nanotubes (MWCNTs) with pimelic acid molecules: effect of linkage on β -crystal formation in an isotactic polypropylene (iPP) matrix. Journal of Materials Science, 2015, 50, 1457-1468.	1.7	23
27	Adsorption and dehydrogenation of 2-propanol on the surface of γ -Al ₂ O ₃ -supported gold. Surface Science, 2012, 606, 1167-1172.	0.8	28
28	Chemical modification of TiO ₂ with essential oils for its application in active packaging. Polymer Bulletin, 0, , 1.	1.7	2