

Diana Palma-RamÃ-rez

List of Publications by Year in descending order

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26
papers

259
citations

1040056
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15
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26
all docs

26
docs citations

26
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative assessment of miscibility and degradability on PET/PLA and PET/chitosan blends. European Polymer Journal, 2014, 61, 285-299.	5.4	61
2	Morphological and Mechanical Properties Dependence of PLA Amount in PET Matrix Processed by Single-Screw Extrusion. Polymer-Plastics Technology and Engineering, 2016, 55, 672-683.	1.9	35
3	Microwave-assisted hydrothermal synthesis of CePO ₄ nanostructures: Correlation between the structural and optical properties. Journal of Alloys and Compounds, 2015, 643, S209-S218.	5.5	32
4	Continuous Microalgal Cultivation for Antioxidants Production. Molecules, 2020, 25, 4171.	3.8	19
5	CVD Conditions for MWCNTs Production and Their Effects on the Optical and Electrical Properties of PPy/MWCNTs, PANI/MWCNTs Nanocomposites by In Situ Electropolymerization. Polymers, 2021, 13, 351.	4.5	17
6	PLA degradation pathway obtained from direct polycondensation of 2-hydroxypropanoic acid using different chain extenders. Journal of Materials Science, 2018, 53, 10846-10871.	3.7	13
7	Corrosion investigation of new hybrid organic/inorganic coatings for carbon steel substrates: Electrochemical and surface characterizations. Progress in Organic Coatings, 2019, 135, 51-64.	3.9	11
8	Investigation of ZnO/Waterborne Polyurethane Hybrid Coatings for Corrosion Protection of AISI 1018 Carbon Steel Substrates. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 4798-4813.	2.2	10
9	Energy down-converting LaPO ₄ nanoparticles highly dispersed into poly(lactic acid) electrospun fibers: microstructural and optical properties. Ceramics International, 2020, 46, 25273-25284.	4.8	9
10	An assembly strategy of polylactic acid (PLA)-SiO ₂ nanocomposites embedded in polypropylene (PP) matrix. Journal of Materials Research and Technology, 2021, 14, 2150-2164.	5.8	9
11	Dispersion of upconverting nanostructures of CePO ₄ using rod and semi-spherical morphologies into transparent PMMA/PU IPNs by the sequential route. Polymer, 2018, 142, 356-374.	3.8	8
12	Data supporting the morphological/topographical properties and the degradability on PET/PLA and PET/chitosan blends. Data in Brief, 2019, 25, 104012.	1.0	7
13	Microwave irradiation synthesis to obtain La _{0.7-x} Pr _x Ca _{0.3} MnO ₃ perovskites: Electrical and electrochemical performance. Journal of Alloys and Compounds, 2021, 851, 156882.	5.5	7
14	New Triazole and Isoxazole Compounds as Corrosion Inhibitors for Cu-Ni (90/10) Alloy and Galvanized Steel Substrates. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 1822-1845.	2.2	6
15	Enhancement of optical properties and dependence of the crystal structure, morphological properties of PrPO ₄ by microwave-assisted-hydrothermal synthesis. Ceramics International, 2016, 42, 774-788.	4.8	4
16	Effect of CePO ₄ nanostructures in transparent PMMA/castor-oil based PU IPNs on thermal stability, optical and mechanical properties. Journal of Polymer Research, 2017, 24, 1.	2.4	3
17	Experimental data in support of characterization of the CePO ₄ dispersion into transparent PMMA/PU IPNs by the sequential route. Data in Brief, 2018, 21, 2350-2359.	1.0	2
18	Study of cellulose extraction from disposable cups for potential application as a reinforcement of engineering polymers. MRS Advances, 2021, 6, 881-884.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Functionality of TERGO Powders during the Synthesis of PANI-Based Composites for Electrical Devices. Journal of Nanomaterials, 2019, 2019, 1-17.	2.7	1
20	Design Proposal of a Prototype for Sawdust Pellet Manufacturing through Simulation. Advances in Materials Science and Engineering, 2020, 2020, 1-10.	1.8	1
21	Data supporting the elemental composition, the morphological and thermal properties of MnPhos/waterborne poly(urethane)(WPU) coatings for carbon steel. Data in Brief, 2020, 29, 105121.	1.0	1
22	Structural, thermal and morphological studies of bio-based straws under aerobic degradation process. MRS Advances, 2020, 5, 3113-3121.	0.9	1
23	Dataset of the synthesis parameters to deposit YSZ on stainless steel AISI 316L by sputtering technique. Data in Brief, 2019, 26, 104480.	1.0	0
24	Evaluation of the energy driving performance of a cooling system assembled with a Peltier module operated in hot climates at different electrical currents. IOP Conference Series: Materials Science and Engineering, 2020, 958, 012009.	0.6	0
25	Structural and thermal study of hemicellulose and lignin removal from two types of sawdust to isolate cellulose. MRS Advances, 2022, 7, 49-55.	0.9	0
26	Valorization of sawdust biomass for biopolymer extraction <i>via</i> green method: Comparison with conventional process. International Journal of Energy Research, 0, , .	4.5	0