

# Diana Palma-RamÃ-rez

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

259  
citations

1039406

9  
h-index

996533

15  
g-index

26  
all docs

26  
docs citations

26  
times ranked

371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and thermal study of hemicellulose and lignin removal from two types of sawdust to isolate cellulose. MRS Advances, 2022, 7, 49-55.	0.5	0
2	Microwave irradiation synthesis to obtain La <sub>0.7-x</sub> Pr <sub>x</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> perovskites: Electrical and electrochemical performance. Journal of Alloys and Compounds, 2021, 851, 156882.	2.8	7
3	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.	2.0	17
4	An assembly strategy of polylactic acid (PLA)-SiO <sub>2</sub> nanocomposites embedded in polypropylene (PP) matrix. Journal of Materials Research and Technology, 2021, 14, 2150-2164.	2.6	9
5	Study of cellulose extraction from disposable cups for potential application as a reinforcement of engineering polymers. MRS Advances, 2021, 6, 881-884.	0.5	2
6	Energy down-converting LaPO <sub>4</sub> nanoparticles highly dispersed into poly(lactic acid) electrospun fibers: microstructural and optical properties. Ceramics International, 2020, 46, 25273-25284.	2.3	9
7	Continuous Microalgal Cultivation for Antioxidants Production. Molecules, 2020, 25, 4171.	1.7	19
8	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.	0.3	0
9	Design Proposal of a Prototype for Sawdust Pellet Manufacturing through Simulation. Advances in Materials Science and Engineering, 2020, 2020, 1-10.	1.0	1
10	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.	0.5	1
11	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.	1.1	6
12	Structural, thermal and morphological studies of bio-based straws under aerobic degradation process. MRS Advances, 2020, 5, 3113-3121.	0.5	1
13	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.	1.1	10
14	Dataset of the synthesis parameters to deposit YSZ on stainless steel AISI 316L by sputtering technique. Data in Brief, 2019, 26, 104480.	0.5	0
15	Data supporting the morphological/topographical properties and the degradability on PET/PLA and PET/chitosan blends. Data in Brief, 2019, 25, 104012.	0.5	7
16	Corrosion investigation of new hybrid organic/inorganic coatings for carbon steel substrates: Electrochemical and surface characterizations. Progress in Organic Coatings, 2019, 135, 51-64.	1.9	11
17	Functionality of TERGO Powders during the Synthesis of PANI-Based Composites for Electrical Devices. Journal of Nanomaterials, 2019, 2019, 1-17.	1.5	1
18	PLA degradation pathway obtained from direct polycondensation of 2-hydroxypropanoic acid using different chain extenders. Journal of Materials Science, 2018, 53, 10846-10871.	1.7	13

#	ARTICLE	IF	CITATIONS
19	Dispersion of upconverting nanostructures of CePO <sub>4</sub> using rod and semi-spherical morphologies into transparent PMMA/PU IPNs by the sequential route. <i>Polymer</i> , 2018, 142, 356-374.	1.8	8
20	Experimental data in support of characterization of the CePO <sub>4</sub> dispersion into transparent PMMA/PU IPNs by the sequential route. <i>Data in Brief</i> , 2018, 21, 2350-2359.	0.5	2
21	Effect of CePO <sub>4</sub> nanostructures in transparent PMMA/castor-oil based PU IPNs on thermal stability, optical and mechanical properties. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	3
22	Enhancement of optical properties and dependence of the crystal structure, morphological properties of PrPO <sub>4</sub> by microwave-assisted-hydrothermal synthesis. <i>Ceramics International</i> , 2016, 42, 774-788.	2.3	4
23	Morphological and Mechanical Properties Dependence of PLA Amount in PET Matrix Processed by Single-Screw Extrusion. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 672-683.	1.9	35
24	Microwave-assisted hydrothermal synthesis of CePO <sub>4</sub> nanostructures: Correlation between the structural and optical properties. <i>Journal of Alloys and Compounds</i> , 2015, 643, S209-S218.	2.8	32
25	Comparative assessment of miscibility and degradability on PET/PLA and PET/chitosan blends. <i>European Polymer Journal</i> , 2014, 61, 285-299.	2.6	61
26	Valorization of sawdust biomass for biopolymer extraction <i>via</i> green method: Comparison with conventional process. <i>International Journal of Energy Research</i> , 0, , .	2.2	0