

Sofia Vazquez-Rodriguez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/495159/publications.pdf>

Version: 2024-02-01

18
papers

310
citations

1040056

9
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the luminescence of nitrogen-doped graphene quantum dots synthesized by pulsed laser ablation in liquid and their use as a selective photoluminescence onâ€“offâ€“ on probe for ascorbic acid detection. <i>Carbon</i> , 2019, 150, 455-464.	10.3	62
2	Photo-oxidative degradation of TiO ₂ /polypropylene films. <i>Materials Research Bulletin</i> , 2014, 51, 56-62.	5.2	42
3	Nanoflakes of zinc oxide:cobalt oxide composites by pulsed laser fragmentation for visible light photocatalysis. <i>Applied Surface Science</i> , 2020, 501, 144223.	6.1	34
4	Itaconic acid and amino alcohol functionalized polyethylene as compatibilizers for polyethylene nanocomposites. <i>Composites Part B: Engineering</i> , 2012, 43, 497-502.	12.0	29
5	Experimental data on the production and characterization of biochars derived from coconut-shell wastes obtained from the Colombian Pacific Coast at low temperature pyrolysis. <i>Data in Brief</i> , 2020, 28, 104855.	1.0	29
6	Influence of the morphology of ZnO nanomaterials on photooxidation of polypropylene/ZnO composites. <i>Materials Science in Semiconductor Processing</i> , 2017, 68, 217-225.	4.0	28
7	Morphology, thermal, and mechanical properties of polypropylene/polyaniline coated short glass fiber composites. <i>Journal of Applied Polymer Science</i> , 2007, 105, 2387-2395.	2.6	16
8	Solid-state photocatalysis for plastics abatement: A review. <i>Materials Science in Semiconductor Processing</i> , 2022, 149, 106890.	4.0	16
9	Enzymatic hydrolysis of cellulose nanoplatelets as a source of sugars with the concomitant production of cellulose nanofibrils. <i>Carbohydrate Polymers</i> , 2019, 210, 85-91.	10.2	15
10	Preparation of all-cellulose composites with optical transparency using the banana pseudostem as a raw material. <i>Cellulose</i> , 2019, 26, 3777-3786.	4.9	10
11	Influence of Lowâ€“Molecularâ€“Weight Diamines in the Direct Imidation of Poly(propylene)â€“Grafted Maleic Anhydride by Melt Reaction. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 1012-1019.	3.6	8
12	Degradation of poly(ethylene terephthalate) waste with dimethyl tin distanoxane as a catalyst. <i>Journal of Applied Polymer Science</i> , 2013, 130, 3482-3488.	2.6	6
13	Phenylvinylbisquinolines as fluorescent markers in functionalized polypropylene films. <i>Polymer Bulletin</i> , 2020, 77, 1781-1792.	3.3	4
14	A novel method for the modification of magnetite nanoparticles for the enhancement of its dispersibility in hydrophobic media. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167169.	2.3	4
15	Synthesis of montmorillonite/modified graphene oxide filler and its effect on the properties of PP composites. <i>Polymer Bulletin</i> , 2021, 78, 3443-3457.	3.3	3
16	Surface analysis of aminated polypropylene films as an adhesion promoter to polycarbonate film. <i>Journal of Applied Polymer Science</i> , 2011, 119, 336-342.	2.6	2
17	Enhancement of the Optoelectronic Properties of PEDOT: PSSâ€“PbS Nanoparticles Composite Thin Films Through Nanoparticlesâ€“Capping Ligand Exchange. <i>Journal of Electronic Materials</i> , 2018, 47, 2718-2730.	2.2	1
18	Biopolymeric films obtained from the parenchyma cells of <i>Agave salmiana</i> leaves. <i>Cellulose</i> , 2019, 26, 1869-1879.	4.9	1