

Eduardo Henrique Backes

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Barrier, Mechanical and Morphological Properties of Biodegradable Films Based on Corn Starch Incorporated with Cellulose Obtained from Pineapple Crowns. <i>Journal of Natural Fibers</i> , 2022, 19, 8541-8554.	3.1	7
2	Polycaprolactone usage in additive manufacturing strategies for tissue engineering applications: A review. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 1479-1503.	3.4	42
3	Development and characterization of printable <sc>PLA</sc>/<sc>Î²â€TCP</sc> bioactive composites for bone tissue applications. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49759.	2.6	22
4	Effects of mineral fillers addition and preparation method on the morphology and electrical conductivity of epoxy/multiwalled carbon nanotube nanocomposites. <i>Polymer Engineering and Science</i> , 2021, 61, 538-550.	3.1	4
5	Engineering printable composites of poly (Îµpolycaprolactone) / Î²â€calcium phosphate for biomedical applications. <i>Polymer Composites</i> , 2021, 42, 1198-1213.	4.6	22
6	Engineering 3D printed bioactive composite scaffolds based on the combination of aliphatic polyester and calcium phosphates for bone tissue regeneration. <i>Materials Science and Engineering C</i> , 2021, 122, 111928.	7.3	32
7	Development of poly(Îµpolycaprolactone)/hydroxyapatite composites for bone tissue regeneration. <i>Journal of Materials Research</i> , 2021, 36, 3050-3062.	2.6	6
8	Development of antistatic packaging of polyamide 6/linear low-density polyethylene blends-based carbon black composites. <i>Polymer Bulletin</i> , 2020, 77, 3389-3409.	3.3	23
9	In vitro bioactivity and biological assays of porous membranes of the poly(lactic acid) containing calcium silicate fibers. <i>Polymer Bulletin</i> , 2020, 77, 5357-5371.	3.3	7
10	Fabrication of Biocompatible Composites of Poly(lactic acid)/Hydroxyapatite Envisioning Medical Applications. <i>Polymer Engineering and Science</i> , 2020, 60, 636-644.	3.1	47
11	Analysis of the Degradation During Melt Processing of PLA/BiosilicateÂ® Composites. <i>Journal of Composites Science</i> , 2019, 3, 52.	3.0	60
12	Effect of LLDPE-g-MA on the rheological, thermal, mechanical properties and morphological characteristic of PA6/LLDPE blends. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	14
13	Evaluation of Aging Resistance in UHMWPE/LLDPE Blendâ€Based Carbon Nanotubes Nanocomposites. <i>Macromolecular Symposia</i> , 2019, 383, 1700079.	0.7	6
14	Electrical, thermal and thermo-mechanical properties of epoxy/multi-wall carbon nanotubes/mineral fillers nanocomposites. <i>Journal of Composite Materials</i> , 2018, 52, 3209-3217.	2.4	7
15	Propriedades mecÃnicas e tÃermicas das blendas e nanocompÃsitos de UHMWPE/LLDPE/CNT para aplicaÃÃo balÃstica. <i>Revista Materia</i> , 2018, 23, .	0.2	0
16	Effect of PANI on Thermal, Mechanical and Electromagnetic Properties of HDPE/LLDPE/PANI Composites. <i>Materials Research</i> , 2018, 21, .	1.3	0
17	Hybrids membranes with potential for fuel cells â€“ Part 3: extruded films of nanocomposites based on sepiolite and PC/sulfonated PC blends. <i>Polimeros</i> , 2018, 28, 112-119.	0.7	4
18	Electrical, Thermal and Mechanical Properties of Epoxy/CNT/Calcium Carbonate Nanocomposites. <i>Materials Research</i> , 2018, 21, .	1.3	9

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19	Effect of LLDPE on Aging Resistance and Thermal, Mechanical, Morphological Properties of UHMWPE/LLDPE Blends. <i>Materials Research</i> , 2018, 21, .	1.3	11
20	Porous membranes of the polycaprolactone (PCL) containing calcium silicate fibers for guided bone regeneration. <i>Materials Letters</i> , 2017, 206, 210-213.	2.6	20
21	Thermal, mechanical and electromagnetic properties of LLDPE/PANI composites. <i>Polymer Bulletin</i> , 2017, 74, 2701-2717.	3.3	18
22	Influence of blending protocol on the thermal and electrical properties of HDPE/LLDPE/CNT nanocomposites. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
23	Preparation and characterization of conductive HDPE/LLDPE/Polyaniline blends. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
24	Nanocompósitos de Blendas HDPE/LLDPE e OMMT Parte I: Avaliação das Propriedades Termo-Mecânicas e da Resistência ao Intemperismo. <i>Polimeros</i> , 2013, 23, 521-530.	0.7	5
25	Nanocompósitos de Blendas HDPE/LLDPE e OMMT Parte II: Avaliação das Propriedades Térmica, Ópticas e de Transporte a Gases. <i>Polimeros</i> , 2013, 23, 748-757.	0.7	10