

Andrea Terenzi

List of Publications by Year in descending order

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25
papers

849
citations

567281

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1192
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and nonisothermal cold crystallization of PLA composites based on silver nanoparticles and nanocrystalline cellulose. <i>Polymer Degradation and Stability</i> , 2012, 97, 2027-2036.	5.8	193
2	Flame retarded Thermoplastic Polyurethane (TPU) for cable jacketing application. <i>Polymer Degradation and Stability</i> , 2012, 97, 2594-2601.	5.8	124
3	Poly(N-vinylcaprolactam) nanocomposites containing nanocrystalline cellulose: a green approach to thermoresponsive hydrogels. <i>Cellulose</i> , 2013, 20, 2393-2402.	4.9	64
4	Processing Conditions, Thermal and Mechanical Responses of Stretchable Poly (Lactic Acid)/Poly (Butylene Succinate) Films. <i>Materials</i> , 2017, 10, 809.	2.9	55
5	Ternary PVA nanocomposites containing cellulose nanocrystals from different sources and silver particles: Part II. <i>Carbohydrate Polymers</i> , 2013, 97, 837-848.	10.2	53
6	Melt rheological behavior of starch-based matrix composites reinforced with short sisal fibers. <i>Polymer Engineering and Science</i> , 2004, 44, 1907-1914.	3.1	47
7	Effect of carbon black nanoparticle intrinsic properties on the self-monitoring performance of glass fibre reinforced composite rods. <i>Composites Science and Technology</i> , 2011, 71, 1-8.	7.8	38
8	Chemorheological behaviour of double-walled carbon nanotube-epoxy nanocomposites. <i>Composites Science and Technology</i> , 2008, 68, 1862-1868.	7.8	35
9	Poly(lactic acid)/Phormium tenax composites: Morphology and thermo-mechanical behavior. <i>Polymer Composites</i> , 2011, 32, 1362-1368.	4.6	35
10	Polypropylene-natural fibre composites. Analysis of fibre structure modification during compounding and its influence on the final properties. <i>Composite Interfaces</i> , 2008, 15, 111-129.	2.3	32
11	Analysis of the electrical and rheological behavior of different processed CNF/PMMA nanocomposites. <i>Composites Science and Technology</i> , 2012, 72, 218-224.	7.8	25
12	Intercalation degree in PP/organoclay nanocomposites: role of surfactant structure. <i>Polymers for Advanced Technologies</i> , 2008, 19, 547-555.	3.2	22
13	Natural fiber suspensions in thermoplastic polymers. I. Analysis of fiber damage during processing. <i>Journal of Applied Polymer Science</i> , 2007, 103, 2501-2506.	2.6	19
14	Modelling of the chemo-rheological behavior of thermosetting polymer nanocomposites. <i>Polymer Composites</i> , 2009, 30, 1-12.	4.6	19
15	Development of unsaturated polyester matrix carbon nanofibers nanocomposites with improved electrical properties. <i>Journal of Applied Polymer Science</i> , 2010, 117, 1658-1666.	2.6	17
16	Polyethylene/sepiolite fibers. Influence of drawing and nanofiller content on the crystal morphology and mechanical properties. <i>Polymer Engineering and Science</i> , 2015, 55, 1096-1103.	3.1	12
17	Anthocyanin Hybrid Nanopigments from Pomegranate Waste: Colour, Thermomechanical Stability and Environmental Impact of Polyester-Based Bionanocomposites. <i>Polymers</i> , 2021, 13, 1966.	4.5	12
18	Analysis and simulation of the electrical properties of CNTs/epoxy nanocomposites for high performance composite matrices. <i>Polymer Composites</i> , 2017, 38, 105-115.	4.6	11

#	ARTICLE	IF	CITATIONS
19	Glass optical fibre sensors for detection of through thickness moisture diffusion in glass reinforced composites under hostile environments. <i>Advances in Applied Ceramics</i> , 2015, 114, S76-S83.	1.1	9
20	A novel hemp-fiber bio-composite material for strengthening of arched structures: Experimental investigation. <i>Construction and Building Materials</i> , 2021, 308, 124969.	7.2	9
21	Adhesive Joining of Zerodur®/CFRP®/Zerodur Sandwich Structures for Aerospace Applications. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000464.	3.6	8
22	Processing and Final Properties Improvement of Polyolefin®/Sepiolite and Carbon Nanofibre Nanocomposites. <i>Macromolecular Symposia</i> , 2011, 301, 128-135.	0.7	4
23	Design, Realization, and Characterization of Advanced Adhesives for Joining Ultra®Stable C/C Based Components. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000229.	3.6	3
24	Polyethylene®based nanocomposite films: Structure/properties relationship. <i>Polymer Engineering and Science</i> , 2014, 54, 1931-1940.	3.1	2
25	Epoxy®carbon nanotube composites. , 2011, , 230-261.		1