

Zina Vuluga

List of Publications by Year in descending order

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37
papers

735
citations

566801

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38
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38
times ranked

1106
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Graphene Nanoplatelets on the Properties of Hybrid Polyamide/Glass Fiber Composites. , 2022, 7, .		0
2	Fungal Based Biopolymer Composites for Construction Materials. Materials, 2021, 14, 2906.	1.3	17
3	The Effect of SEBS/Halloysite Masterbatch Obtained in Different Extrusion Conditions on the Properties of Hybrid Polypropylene/Glass Fiber Composites for Auto Parts. Polymers, 2021, 13, 3560.	2.0	1
4	Development of thermoplastic composites based on recycled polypropylene and waste printed circuit boards. Waste Management, 2020, 118, 391-401.	3.7	39
5	Waste Electrical and Electronic Equipment Processing as Thermoplastic Composites. Proceedings (mdpi), 2020, 57, 58.	0.2	0
6	Bio-Based Polyamide 1010 with a Halogen-Free Flame Retardant Based on Melamineâ€“Gallic Acid Complex. Polymers, 2020, 12, 1482.	2.0	11
7	Foams with Enhanced Ductility and Impact Behavior Based on Polypropylene Composites. Polymers, 2020, 12, 943.	2.0	12
8	Comparative Study on the Behavior of Virgin and Recycled Polyolefinsâ€“Cellulose Composites in Natural Environmental Conditions. Journal of Composites Science, 2019, 3, 60.	1.4	5
9	High flow polypropylene/SEBS composites reinforced with differently treated hemp fibers for injection molded parts. Composites Part B: Engineering, 2019, 174, 107062.	5.9	42
10	Halogen-free flame retardants for application in thermoplastics based on condensation polymers. SN Applied Sciences, 2019, 1, 1.	1.5	23
11	The Nanomechanical and Tribological Properties of Polyamide/Hydrocalcite Nanocomposites. Proceedings (mdpi), 2019, 29, .	0.2	0
12	Morphological and Tribological Properties of PMMA/Halloysite Nanocomposites. Polymers, 2018, 10, 816.	2.0	20
13	A Concrete and Viable Example of Multimaterial Body: The Evolution Project Main Outcomes. Procedia CIRP, 2017, 66, 300-305.	1.0	5
14	Evolution FP7 funded project: body structure design strategies using new composite and aluminium materials and enabled technologies. International Journal of Automotive Composites, 2017, 3, 251.	0.1	0
15	New Collagen-Dextran-Zinc Oxide Composites for Wound Dressing. Journal of Nanomaterials, 2016, 2016, 1-7.	1.5	40
16	Influence of hemp fibers with modified surface on polypropylene composites. Journal of Industrial and Engineering Chemistry, 2016, 37, 137-146.	2.9	67
17	The effect of cellulose nanofibers on the crystallinity and nanostructure of poly(lactic acid) composites. Journal of Materials Science, 2016, 51, 9771-9791.	1.7	64
18	Novel nanocomposite membranes from cellulose acetate and clay-silica nanowires. Polymers for Advanced Technologies, 2016, 27, 1586-1595.	1.6	70

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19	San copolymer membranes with ion exchangers for Cu(II) removal from synthetic wastewater by electro dialysis. <i>Journal of Environmental Sciences</i> , 2015, 35, 27-37.	3.2	61
20	Influence of compatibilizing system on morphology, thermal and mechanical properties of high flow polypropylene reinforced with short hemp fibers. <i>Composites Part B: Engineering</i> , 2015, 69, 286-295.	5.9	59
21	Studying nanostructure gradients in injection-molded polypropylene/montmorillonite composites by microbeam small-angle x-ray scattering. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 015004.	2.8	6
22	Morphology and thermal stability of bacterial cellulose/collagen composites. <i>Open Chemistry</i> , 2014, 12, 968-975.	1.0	19
23	The effect of polystyrene blocks content and of type of elastomer blocks on the properties of block copolymer/layered silicate nanocomposites. <i>Journal of Alloys and Compounds</i> , 2014, 616, 569-576.	2.8	7
24	Polypropylene/organoclay/SEBS nanocomposites with toughness"stiffness properties. <i>RSC Advances</i> , 2014, 4, 6573.	1.7	22
25	Influence of two compatibilizers on clay/PP nanocomposites properties. <i>Polymer Engineering and Science</i> , 2013, 53, 403-409.	1.5	5
26	SAXS investigation of structure"property relationship of polypropylene/montmorillonite composites during load cycling. <i>Polymers for Advanced Technologies</i> , 2013, 24, 693-704.	1.6	8
27	The effect of poly[styrene- <i>b</i> -(ethylene- <i>co</i> -butylene)- <i>b</i> -styrene] on dielectric, thermal, and morphological characteristics of polypropylene/silica nanocomposites. <i>Polymer Engineering and Science</i> , 2013, 53, 2081-2092.	1.5	26
28	Investigation of Mechanical Properties of PP/Clay Nanocomposites Based on Network Cross-Linked Compatibilizers. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 3773-3778.	1.8	10
29	Effect of SEBS on morphology, thermal, and mechanical properties of PP/organoclay nanocomposites. <i>Polymer Bulletin</i> , 2012, 69, 1073-1091.	1.7	35
30	Morphology study of layered silicate/chitosan nanohybrids. <i>Surface and Interface Analysis</i> , 2012, 44, 200-207.	0.8	14
31	Morphological investigation of PP/nanosilica composites containing SEBS. <i>Polymer Testing</i> , 2012, 31, 355-365.	2.3	35
32	Nanomaterials in biomedical applications. , 2011, , .		0
33	Mechanical properties of polypropylene nano-composites: An investigation about the correlation with space charge measurements. , 2011, , .		0
34	Titania Modified Layered Silicate for Polymer/Inorganic Nanocomposites. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 483, 258-265.	0.4	3
35	Hybrid polymer composites reinforced by layered silicate and laser synthesized nanocarbons. <i>Applied Surface Science</i> , 2007, 254, 1032-1036.	3.1	3
36	The thermo"oxidative degradation of acrylonitrile"butadiene"styrene copolymers during processing as studied by chemiluminescence. <i>Journal of Applied Polymer Science</i> , 1992, 45, 1229-1237.	1.3	4

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37	A Chemiluminescence Study of the Thermooxidative Degradation of Copolymers. International Journal of Polymeric Materials and Polymeric Biomaterials, 1991, 15, 187-195.	1.8	1