

Aleksandra Buzarovska

List of Publications by Year in descending order

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34
papers

1,564
citations

430442

18
h-index

395343

33
g-index

34
all docs

34
docs citations

34
times ranked

1973
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural fiber eco-composites. <i>Polymer Composites</i> , 2007, 28, 98-107.	2.3	414
2	Eco-Challenges of Bio-Based Polymer Composites. <i>Materials</i> , 2009, 2, 911-925.	1.3	144
3	Poly(lactic acid)-based biocomposites reinforced with kenaf fibers. <i>Journal of Applied Polymer Science</i> , 2008, 108, 3542-3551.	1.3	132
4	Synthesis, Antibacterial and Antifungal Activity of 4-Substituted-5-Aryl-1,2,4-Triazoles. <i>Molecules</i> , 2001, 6, 815-824.	1.7	107
5	Poly(3-hydroxybutyrate-co-3-hydroxyvalerate)-based biocomposites reinforced with kenaf fibers. <i>Journal of Applied Polymer Science</i> , 2007, 104, 3192-3200.	1.3	99
6	Biodegradable poly(L-lactic acid)/TiO ₂ nanocomposites: Thermal properties and degradation. <i>Journal of Applied Polymer Science</i> , 2012, 123, 2187-2193.	1.3	84
7	Nanocomposite foams based on flexible biobased thermoplastic polyurethane and ZnO nanoparticles as potential wound dressing materials. <i>Materials Science and Engineering C</i> , 2019, 104, 109893.	3.8	67
8	Crystallization behavior of poly(hydroxybutyrate-co-valerate) in model and bulk PHBV/kenaf fiber composites. <i>Journal of Materials Science</i> , 2007, 42, 6501-6509.	1.7	60
9	Effect of TiO ₂ nanoparticle loading on Poly(L-lactic acid) porous scaffolds fabricated by TIPS. <i>Composites Part B: Engineering</i> , 2015, 81, 189-195.	5.9	50
10	PLA Nanocomposites with Functionalized TiO ₂ Nanoparticles. <i>Polymer-Plastics Technology and Engineering</i> , 2013, 52, 280-286.	1.9	44
11	Poly(hydroxybutyrate-co-hydroxyvalerate)/titanium dioxide nanocomposites: A degradation study. <i>Journal of Applied Polymer Science</i> , 2009, 114, 3118-3124.	1.3	40
12	Rice straw as an alternative reinforcement in polypropylene composites. <i>Agronomy for Sustainable Development</i> , 2006, 26, 251-255.	2.2	31
13	Nonisothermal crystallization kinetics of kenaf fiber/polypropylene composites. <i>Polymer Engineering and Science</i> , 2007, 47, 745-749.	1.5	30
14	Electrochemical synthesis of poly(2-methyl aniline): electrochemical and spectroscopic characterization. <i>Journal of the Serbian Chemical Society</i> , 2001, 66, 27-37.	0.4	30
15	Effect of the talc filler on structural, water vapor barrier and mechanical properties of poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.6	25
16	Crystallization kinetics of poly(hydroxybutyrate-co-hydroxyvalerate) and poly(dicyclohexylitaconate) PHBV/PDCHI blends: thermal properties and hydrolytic degradation. <i>Journal of Materials Science</i> , 2009, 44, 1844-1850.	1.7	22
17	Crystallization behavior of polyhydroxybutyrate in model composites with kenaf fibers. <i>Journal of Applied Polymer Science</i> , 2006, 102, 804-809.	1.3	20
18	Porous poly(L-lactic acid) nanocomposite scaffolds with functionalized TiO ₂ nanoparticles: properties, cytocompatibility and drug release capability. <i>Journal of Materials Science</i> , 2018, 53, 11151-11166.	1.7	20

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19	Preparation and characterization of poly(ϵ -caprolactone)/ZnO foams for tissue engineering applications. <i>Journal of Materials Science</i> , 2017, 52, 12067-12078.	1.7	19
20	Reuse of natural fiber reinforced eco-composites in polymer mortars. <i>Polymer Engineering and Science</i> , 2010, 50, 762-766.	1.5	18
21	Properties assessment of multiwalled carbon nanotubes: A comparative study. <i>Synthetic Metals</i> , 2014, 197, 159-167.	2.1	15
22	Poly(L-lactic acid)/alkali lignin composites: properties, biocompatibility, cytotoxicity and antimicrobial behavior. <i>Journal of Materials Science</i> , 2021, 56, 13785-13800.	1.7	15
23	Preparation and properties of natural rubber/organo-montmorillonite: from lab samples to bulk material. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2014, 33, 249.	0.2	12
24	Thermal analysis of multi-walled carbon nanotubes material obtained by catalytic pyrolysis of polyethylene. <i>Macedonian Journal of Chemistry and Chemical Engineering</i> , 2015, 34, 373.	0.2	10
25	Nonisothermal melting and crystallization of polypropylene in model composites: Kinetic analysis. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 66-73.	2.4	9
26	Synthesis and characterization of thiophene/3-alkylthiophene random cooligomers. <i>Journal of Solid State Electrochemistry</i> , 2002, 7, 49-54.	1.2	8
27	Poly(ethylene oxide) blends with poly(ethylene oxide)/poly(dicyclohexyl itaconate) block copolymers. <i>European Polymer Journal</i> , 2001, 37, 141-149.	2.6	7
28	Relaxation process at conductive poly(thiophene) and its poly(alkyl) derivatives : kinetics of electrochemical doping. <i>Polymer Bulletin</i> , 2002, 48, 99-104.	1.7	7
29	The Effect of Curing Agents on Basic Properties of Silicone-epoxy Hybrid Resin. <i>Silicon</i> , 2018, 10, 2915-2925.	1.8	7
30	Comparative study of the electrochemical response of poly (alkyl thiophene) derivatives deposited on platinum and titanium electrodes. <i>Polymer Bulletin</i> , 2003, 50, 161-168.	1.7	6
31	ABA type block copolymers of poly(monobutyl itaconate) and poly(monocyclohexyl itaconate) with poly(dimethylsiloxane): Synthesis and characterization. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 685-693.	1.1	5
32	PVDF/BaTiO ₃ composite foams with high content of β phase by thermally induced phase separation (TIPS). <i>Journal of Polymer Research</i> , 2022, 29, .	1.2	5
33	Relaxation kinetics in thiophene/3-alkylthiophene random copolymers. <i>Polymer International</i> , 2004, 53, 1866-1869.	1.6	2
34	Green Composites Based On Biodegradable Polymer Matrices. , 0, , 530-553.		0