Sandra Paszkiewicz

List of Publications by Year
in descending order

82 papers	1,245 citations	393982 19 h-index	476904 29 g-index
83 all docs	83 docs citations	83 times ranked	1194 citing authors

#	Article	IF	Citations
1	The Properties of Poly(ester amide)s Based on Dimethyl 2,5-Furanedicarboxylate as a Function of Methylene Sequence Length in Polymer Backbone. Polymers, 2022, 14, 2295.	2.0	2
2	Synthesis and characterization of poly(hexamethylene 2,6-naphthalate)-block-poly(tetrahydrofuran) copolymers with shape memory effect. Materials Research Bulletin, 2022, 155, 111954.	2.7	4
3	Biobased Thermoplastic Elastomers: Structure-Property Relationship of Poly(hexamethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Polycondensation. Polymers, 2021, 13, 397.	2.0	18
4	The effect of annealing on tensile properties of injection molded biopolyesters based on 2,5â€furandicarboxylic acid. Polymer Engineering and Science, 2021, 61, 1536-1545.	1.5	16
5	Thin polymer films based on poly(vinyl alcohol) containing graphene oxide and reduced graphene oxide with functional properties. Polymer Engineering and Science, 2021, 61, 1685-1694.	1.5	9
6	Radial Water Barrier in Submarine Cables, Current Solutions and Innovative Development Directions. Energies, 2021, 14, 2761.	1.6	6
7	Halloysite Nanotubes and Silane-Treated Alumina Trihydrate Hybrid Flame Retardant System for High-Performance Cable Insulation. Polymers, 2021, 13, 2134.	2.0	14
8	Influence of Rigid Segment Type on Copoly(ether-ester) Properties. Materials, 2021, 14, 4614.	1.3	9
9	Relaxation behaviour and free volume of bio-based Poly(trimethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (terephth Annihilation Lifetime Spectroscopies. Polymer, 2021, 229, 123949.	1.8	7
10	Discussion of electrical and thermal aspects of offshore wind farmsâ€™ power cables reliability. Renewable and Sustainable Energy Reviews, 2021, 151, 111580.	8.2	21
11	Structure, thermal and mechanical properties of copoly(ester amide)s based on 2,5â€furandicarboxylic acid. Journal of Materials Science, 2021, 56, 19296-19309.	1.7	16
12	Recommendations for replacing PET on packaging, fiber, and film materials with biobased counterparts. Green Chemistry, 2021, 23, 8795-8820.	4.6	77
13	Influence of synthesis conditions on molecular weight as well as mechanical and thermal properties of poly(hexamethylene 2,5-furanate). Polimery, 2021, 66, .	0.4	0
14	Poly(butylene terephthalate)/polylactic acid based copolyesters and blends: miscibility-structure-property relationship. EXPRESS Polymer Letters, 2020, 14, 26-47.	1.1	27
15	Effect of Halloysite Nanotube on Mechanical Properties, Thermal Stability and Morphology of Polypropylene and Polypropylene/Short Kenaf Fibers Hybrid Biocomposites. Materials, 2020, 13, 4459.	1.3	11
16	Functional Polymer Hybrid Nanocomposites Based on Polyolefins: A Review. Processes, 2020, 8, 1475.	1.3	21
17	Comparing Multi-Walled Carbon Nanotubes and Halloysite Nanotubes as Reinforcements in EVA Nanocomposites. Materials, 2020, 13, 3809.	1.3	14
18	The Role of Interfacial Interactions on the Functional Properties of Ethyleneâ€“Propylene Copolymer Containing SiO2 Nanoparticles. Polymers, 2020, 12, 2308.	2.0	3

#	Article	IF	Citations
19	Laser-Induced Periodic Surface Structuring of Poly(trimethylene terephthalate) Films Containing Tungsten Disulfide Nanotubes. Polymers, 2020, 12, 1090.	2.0	5
20	Environmentally Friendly Polymer Blends Based on Post-Consumer Glycol-Modified Poly(Ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Materials, 2020, 13, 2673.	1.3	25
21	Green Highly Clay-Filled Polyethylene Composites as Coating Materials for Cable Industryâ€"A New Application Route of Non-Organophilised Natural Montmorillonites in Polymeric Materials. Polymers, 2020, 12, 1399.	2.0	1
22	Enhanced Functional Properties of Low-Density Polyethylene Nanocomposites Containing Hybrid Fillers of Multi-Walled Carbon Nanotubes and Nano Carbon Black. Polymers, 2020, 12, 1356.	2.0	17
23	Ethylene vinyl acetate copolymer/halloysite nanotubes nanocomposites with enhanced mechanical and thermal properties. Journal of Applied Polymer Science, 2020, 137, 49135.	1.3	25
24	Comparison study of the influence of carbon and halloysite nanotubes on the preparation and rheological behavior of linear low density polyethylene. Polimery, 2020, 65, 95-98.	0.4	5
25	Preparation and characterization of polymer blends based on the wastes from automotive coverings. Polimery, 2020, 65, 232-239.	0.4	1
26	Influence of hybrid system of nanofillers on the functional properties of postconsumer PETâ€Câ€“based nanocomposites. Polymers for Advanced Technologies, 2019, 30, 2983-2992.	1.6	5
27			

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37	Graphene-Based Nanomaterials and Their Polymer Nanocomposites. , 2019, , 177-216.		17
38	WpÅ‚yw zawartoÅ›ci octanu winylu w materiaÅ‚ach izolacyjnych na ich wÅ‚aÅ›ciwoÅ›ci mechaniczne oraz ognioodpornoÅ›Ä‡. Przemysl Chemiczny, 2019, 1, 151-155.	0.0	0
39	Laser induced periodic surface structures formation by nanosecond laser irradiation of poly (ethylene terephthalate) reinforced with Expanded Graphite. Applied Surface Science, 2018, 436, 1193-1199.	3.1	13
40	Interfacial interactions in PTTâ€“PTMO/polyhedral oligomeric silsesquioxane (POSS) nanocomposites and their impact on mechanical, thermal, and dielectric properties. Polymer Bulletin, 2018, 75, 4999-5014.	1.7	8
41	Nanomechanical and nanoscratch performance of polystyrene/poly(methyl methacrylate)/multiâ€walled carbon nanotubes nanocomposite coating. Polymer Composites, 2018, 39, E962.	2.3	13
42	Electrical and rheological characterization of poly(trimethylene terephthalate) hybrid nanocomposites filled with <scp>COOH</scp> functionalized <scp>MWCNT</scp> and graphene nanosheets. Polymer Composites, 2018, 39, 2961-2968.	2.3	12
43	Nanocomposites based on polymer blends: enhanced interfacial interactions in polycarbonate/ethylene-propylene copolymer blends with multi-walled carbon nanotubes. Composite Interfaces, 2018, 25, 275-286.	1.3	22
44	Characterization of polypropylene/poly(2,6-dimethyl-1,4-phenylene oxide) blends with improved thermal stability. Polymer Bulletin, 2018, 75, 3679-3691.	1.7	9
45	New functional nanocomposites based on poly(trimethylene 2,5-furanoate) and few layer graphene prepared by in situ polymerization. EXPRESS Polymer Letters, 2018, 12, 530-542.	1.1	19
46	Effect of chemical structure on the subglass relaxation dynamics of biobased polyesters as revealed by dielectric spectroscopy: 2,5-furandicarboxylic acid vs. trans-1,4-cyclohexanedicarboxylic acid. Physical Chemistry Chemical Physics, 2018, 20, 15696-15706.	1.3	49
47	Electrically and Thermally Conductive Low Density Polyethylene-Based Nanocomposites Reinforced by MWCNT or Hybrid MWCNT/Graphene Nanoplatelets with Improved Thermo-Oxidative Stability. Nanomaterials, 2018, 8, 264.	1.9	51
48	Synthesis and characterization of new reactive polymer blends based on post-consumer glycol-modified poly(ethylene terephthalate) foils and poly(tetramethylene oxide). Polimery, 2018, 63, 45-48.	0.4	5
49	Influence of water absorption on chosen strength properties of single-polymer polyester composites. Polimery, 2018, 63, 264-269.	0.4	3
50	Modification of substandard EPDM with amorphous thermoplastic polyesters (PETG and PEF): microstructure and physical properties. Polish Journal of Chemical Technology, 2018, 20, 8-14.	0.3	4
51			

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55	Synthesis and characterization of poly(ethylene terephthalate-co-1,4-cyclohexanedimethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	69
56	Nanocomposites of Polymeric Biomaterials Containing Carbonate Groups: An Overview. Macromolecular Materials and Engineering, 2017, 302, 1700042.	1.7	10
57	Laser induced periodic surface structures on polymer nanocomposites with carbon nanoadditives. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	8
58	Comparative study on the properties of poly(trimethylene terephthalate) -based nanocomposites containing multi-walled carbon (MWCNT) and tungsten disulfide (INT-WS₂) nanotubes. Polymers for Advanced Technologies, 2017, 28, 645-657.	1.6	11
59	Electrical conductivity and transparency of polymer hybrid nanocomposites based on poly(trimethylene terephthalate) containing single walled carbon nanotubes and expanded graphite. Journal of Applied Polymer Science, 2017, 134, .	1.3	22
60	Nanocomposites Based on Thermoplastic Polyester Elastomers. , 2017, , .		1
61	Improvement of barrier properties of glycol modified poly(ethylene terephthalate) based nanocomposites containing graphene derivatives forms. Polimery, 2017, 62, 868-874.	0.4	5
62	Elektrycznie i termicznie przewodzÄ…ce nanokompozyty polimerowe na bazie polietylenu o maÅ‚ej gÄ™stoÅ›ci z dodatkiem nanopÅ‚ytek grafenowych. Przemysl Chemiczny, 2017, 1, 167-172.	0.0	2
63	Synthesis and characterization of new poly(ethylene terephthalate)/poly(phenylene oxide) blends. Polimery, 2017, 62, 93-100.	0.4	0
64	Phase Separation and Elastic Properties of Poly(Trimethylene Terephthalate)-block-poly(Ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.0	16
65	The influence of different shaped nanofillers (1D, 2D) on barrier and mechanical properties of polymer hybrid nanocomposites based on <scp>PET</scp> prepared by in situ polymerization. Polymer Composites, 2016, 37, 1949-1959.	2.3	21
66	Mechanical and thermal properties of hybrid nanocomposites prepared by in situ polymerization. Polimery, 2016, 61, 172-180.	0.4	8
67	Formation of LIPSS in nanocomposites of Poly (ethylene terephthalate)/Expanded Graphite by using UV nanosecond laser pulses. , 2016, , .		0
68	Effect of exfoliated graphite nanoplateletsâ€™ size on the phase structure, electrical, and barrier properties of poly(trimethylene terephthalate)-based nanocomposites. Polymer Engineering and Science, 2015, 55, 2222-2230.	1.5	20
69	Oxygen Barrier Properties and Melt Crystallization Behavior of Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td (te	1.5	17
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73	Synergetic effect of single-walled carbon nanotubes (SWCNT) and graphene nanoplatelets (GNP) in electrically conductive PTT-block-PTMO hybrid nanocomposites prepared by in situ polymerization. Composites Science and Technology, 2015, 118, 72-77.	3.8	55
74	Detailed study on interfacial interactions in epoxy composites cured with 1-buthylimidazole containing functionalized carbon nanotubes. Composite Interfaces, 2015, 22, 629-649.	1.3	8
75	Influence of expanded graphite (EG) and graphene oxide (GO) on physical properties of PET based nanocomposites. Polish Journal of Chemical Technology, 2014, 16, 45-50.	0.3	16
76	Thermal degradation kinetics of PET/SWCNTs nanocomposites prepared by the in situ polymerization. Journal of Thermal Analysis and Calorimetry, 2014, 115, 451-460.	2.0	26
77	Structure and properties of nanocomposites based on PTT-block-PTMO copolymer and graphene oxide prepared by in situ polymerization. European Polymer Journal, 2014, 50, 69-77.	2.6	38
78	Influence of intercalated organoclay on the phase structure and physical properties of PTTâ€“PTMO block copolymers. Polymer Bulletin, 2013, 70, 1575-1590.	1.7	20
79	Effect of addition of expanded graphite (EG) on the synthesis and characteristics of poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlo	0.4	3
80	Electrical conductivity of poly(ethylene terephthalate)/expanded graphite nanocomposites prepared by in situ polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1645-1652.	2.4	55
81	Multifunctional Polymer Nanocomposites Based on Thermoplastic Polyesters. , 0, , .		2
82	Relaxation Dynamics of Biomass-Derived Copolymers With Promising Gas-Barrier Properties. Frontiers in Chemistry, 0, 10, .	1.8	2