

Agnieszka Tercjak

List of Publications by Year in descending order

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161
papers

3,948
citations

126907

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163
all docs

163
docs citations

163
times ranked

4254
citing authors

#	ARTICLE	IF	CITATIONS
1	A multipurpose natural and renewable polymer in medical applications: Bacterial cellulose. <i>Carbohydrate Polymers</i> , 2016, 153, 406-420.	10.2	250
2	Synthesis and microstructureâ€“mechanical property relationships of segmented polyurethanes based on a PCLâ€“PTHFâ€“PCL block copolymer as soft segment. <i>European Polymer Journal</i> , 2009, 45, 2096-2109.	5.4	196
3	Nanostructured Thermosetting Systems by Modification with Epoxidized Styreneâ€“Butadiene Star Block Copolymers. Effect of Epoxidation Degree. <i>Macromolecules</i> , 2006, 39, 2254-2261.	4.8	136
4	Reactive extrusion of bio-based polymer blends and composites â€“ Current trends and future developments. <i>EXPRESS Polymer Letters</i> , 2018, 12, 24-57.	2.1	100
5	Hydrothermal synthesis of bacterial celluloseâ€“copper oxide nanocomposites and evaluation of their antimicrobial activity. <i>Carbohydrate Polymers</i> , 2018, 179, 341-349.	10.2	94
6	Curing Behavior and Final Properties of Nanostructured Thermosetting Systems Modified with Epoxidized Styreneâ€“Butadiene Linear Diblock Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2281-2292.	2.2	92
7	Structure and Properties of a Semifluorinated Diblock Copolymer Modified Epoxy Blend. <i>Macromolecules</i> , 2007, 40, 4068-4074.	4.8	88
8	Nanostructured Thermosetting Systems from Epoxidized Styrene Butadiene Block Copolymers. <i>Macromolecular Rapid Communications</i> , 2005, 26, 982-985.	3.9	87
9	Effect of in situ modification of bacterial cellulose with carboxymethylcellulose on its nano/microstructure and methotrexate release properties. <i>Carbohydrate Polymers</i> , 2018, 179, 126-134.	10.2	87
10	Morphology Development in Thermosetting Mixtures through the Variation on Chemical Functionalization Degree of Poly(styrene- <i>b</i> -butadiene) Diblock Copolymer Modifiers. Thermomechanical Properties. <i>Macromolecules</i> , 2009, 42, 6215-6224.	4.8	79
11	Komagataeibacter rhaeticus grown in sugarcane molasses-supplemented culture medium as a strategy for enhancing bacterial cellulose production. <i>Industrial Crops and Products</i> , 2018, 122, 637-646.	5.2	74
12	Functionalization of iron oxide magnetic nanoparticles with poly(methyl methacrylate) brushes via grafting-from atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 925-932.	2.3	65
13	Conductive properties of TiO ₂ /bacterial cellulose hybrid fibres. <i>Journal of Colloid and Interface Science</i> , 2012, 377, 88-93.	9.4	64
14	Hybrid titanium dioxide/PS- <i>b</i> -PEO block copolymer nanocomposites based on solâ€“gel synthesis. <i>Nanotechnology</i> , 2008, 19, 155607.	2.6	62
15	Thermally-activated shape memory effect on biodegradable nanocomposites based on PLA/PCL blend reinforced with hydroxyapatite. <i>Polymer Degradation and Stability</i> , 2018, 151, 36-51.	5.8	62
16	Mechanical propertiesâ€“morphology relationships in nano-/microstructured epoxy matrices modified with PEOâ€“PPOâ€“PEO block copolymers. <i>Polymer International</i> , 2007, 56, 1392-1403.	3.1	59
17	Morphological and mechanical study of nanostructured epoxy systems modified with amphiphilic poly(ethylene oxide- <i>b</i> -propylene oxide- <i>b</i> -ethylene oxide)triblock copolymer. <i>Polymer</i> , 2014, 55, 738-745.	3.8	56
18	Komagataeibacter rhaeticus as an alternative bacteria for cellulose production. <i>Carbohydrate Polymers</i> , 2016, 152, 841-849.	10.2	54

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19	Micro- and macrophase separation of thermosetting systems modified with epoxidized styrene- <i>b</i> -butadiene- <i>b</i> -styrene linear triblock copolymers and their influence on final mechanical properties. <i>Polymer International</i> , 2008, 57, 1333-1342.	3.1	47
20	An Ideal Spin Filter: Long-Range, High-Spin Selectivity in Chiral Helicoidal 3-Dimensional Metal Organic Frameworks. <i>Nano Letters</i> , 2020, 20, 8476-8482.	9.1	47
21	Effect of TiO ₂ nanoparticles on the properties of thermoplastic chitosan-based nano-biocomposites obtained by mechanical kneading. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 93, 33-40.	7.6	46
22	Nanostructured Thermoplastic Elastomers Based on SBS Triblock Copolymer Stiffening with Low Contents of Epoxy System. Morphological Behavior and Mechanical Properties. <i>Macromolecules</i> , 2013, 46, 3444-3451.	4.8	45
23	Conductive Behavior of High TiO ₂ Nanoparticle Content of Inorganic/Organic Nanostructured Composites. <i>Journal of the American Chemical Society</i> , 2010, 132, 873-878.	13.7	40
24	Multifunctional hybrid nanopapers based on bacterial cellulose and sol-gel synthesized titanium/vanadium oxide nanoparticles. <i>Cellulose</i> , 2013, 20, 1301-1311.	4.9	40
25	Synthesis and factorial design applied to a novel chitosan/sodium polyphosphate nanoparticles via ionotropic gelation as an RGD delivery system. <i>Carbohydrate Polymers</i> , 2017, 157, 1695-1702.	10.2	40
26	Evaluation of fiber surface treatment and toughening of thermoset matrix on the interfacial behaviour of carbon fiber-reinforced cyanate matrix composites. <i>Composites Science and Technology</i> , 2005, 65, 2189-2197.	7.8	39
27	Nanostructured systems based on SBS epoxidized triblock copolymers and well-dispersed alumina/epoxy matrix composites. <i>Composites Science and Technology</i> , 2010, 70, 1106-1112.	7.8	39
28	Confinement of Functionalized Graphene Sheets by Triblock Copolymers. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17973-17978.	3.1	38
29	Conductive Photoswitchable Vanadium Oxide Nanopaper based on Bacterial Cellulose. <i>ChemSusChem</i> , 2012, 5, 2323-2327.	6.8	37
30	Nano- and Macroscale Structural and Mechanical Properties of in Situ Synthesized Bacterial Cellulose/PEO- <i>b</i> -PPO- <i>b</i> -PEO Biocomposites. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4142-4150.	8.0	36
31	Nucleation of Poly(lactide) on the Surface of Different Fibers. <i>Macromolecules</i> , 2019, 52, 6274-6284.	4.8	35
32	Self-Assembling of SBS Block Copolymers as Templates for Conductive Silver Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2008, 293, 568-573.	3.6	34
33	Self-Assembling Nanomaterials using Magnetic Nanoparticles Modified with Polystyrene Brushes. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2361-2365.	3.9	33
34	Arrangement of Conductive TiO ₂ Nanoparticles in Hybrid Inorganic/Organic Thermosetting Materials Using Liquid Crystal. <i>Macromolecules</i> , 2009, 42, 3386-3390.	4.8	33
35	Trilayered Morphology of an ABC Triple Crystalline Triblock Terpolymer. <i>Macromolecules</i> , 2017, 50, 7268-7281.	4.8	32
36	Broadband antireflective coating stack based on mesoporous silica by acid-catalyzed sol-gel method for concentrated photovoltaic application. <i>Solar Energy Materials and Solar Cells</i> , 2018, 186, 154-164.	6.2	32

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37	Generation of core/shell iron oxide magnetic nanoparticles with polystyrene brushes by atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4744-4750.	2.3	31

38	Self-Assembled Nanomaterials Using Magnetic Nanoparticles Modified with Polystyrene Brushes and Poly(styrene- <i>b</i> -butadiene- <i>b</i> -styrene). <i>Macromolecules</i> , 2008, 41, 9295-9298.	4.8	29
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55	Thermally reversible materials based on thermosetting systems modified with polymer dispersed liquid crystals for optoelectronic application. <i>Polymers for Advanced Technologies</i> , 2006, 17, 835-840.	3.2	23
56	Morphological analysis of self-assembled SIS block copolymer matrices containing silver nanoparticles. <i>Composites Science and Technology</i> , 2008, 68, 1631-1636.	7.8	23
57	Relationship between the Morphology of Nanostructured Unsaturated Polyesters Modified with PEO- <i>b</i> -PPO- <i>b</i> -PEO Triblock Copolymer and Their Optical and Mechanical Properties. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3563-3571.	3.1	23
58	Mechanical properties and field performance of hydrophobic antireflective sol-gel coatings on the cover glass of photovoltaic modules. <i>Solar Energy Materials and Solar Cells</i> , 2020, 216, 110694.	6.2	23
59	Multifunctional Thermally Reversible Nanostructured Thermosetting Materials Based on Block Copolymers Dispersed Liquid Crystal. <i>Macromolecular Rapid Communications</i> , 2007, 28, 937-941.	3.9	22
60	Mapping of carbon nanotubes in the polystyrene domains of a polystyrene- <i>b</i> -polyisoprene- <i>b</i> -polystyrene block copolymer matrix using electrostatic force microscopy. <i>Carbon</i> , 2010, 48, 2590-2595.	10.3	22
61	Nucleation and Crystallization of PA6 Composites Prepared by T-RTM: Effects of Carbon and Glass Fiber Loading. <i>Polymers</i> , 2019, 11, 1680.	4.5	22
62	Self-assembled block copolymers as matrix for multifunctional materials modified with low-molecular-weight liquid crystals. <i>Acta Materialia</i> , 2007, 55, 6436-6443.	7.9	21
63	Transparent titanium dioxide/block copolymer modified epoxy-based systems in the long scale microphase separation threshold. <i>European Polymer Journal</i> , 2012, 48, 16-25.	5.4	21
64	Transparent and Flexible Cellulose Triacetate@TiO ₂ Nanoparticles with Conductive and UV-Shielding Properties. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4242-4251.	3.1	21
65	Selective confinement of oleylamine capped Au nanoparticles in self-assembled PS- <i>b</i> -PEO diblock copolymer templates. <i>Soft Matter</i> , 2014, 10, 1676-1684.	2.7	20
66	Morphology, Nucleation, and Isothermal Crystallization Kinetics of Poly(μ -caprolactone) Mixed with a Polycarbonate/MWCNTs Masterbatch. <i>Polymers</i> , 2017, 9, 709.	4.5	20
67	Nanostructuration via Solvent Vapor Exposure of Poly(2-vinyl pyridine- <i>b</i> -methyl methacrylate) Nanocomposites Using Modified Magnetic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14343-14347.	3.1	19
68	Reversible Optical Storage Properties of Nanostructured Epoxy-Based Thermosets Modified with Azobenzene Units. <i>Macromolecules</i> , 2011, 44, 9738-9746.	4.8	19
69	Optically Active Multilayer Films Based on Chitosan and an Azopolymer. <i>Biomacromolecules</i> , 2014, 15, 1399-1407.	5.4	19
70	Polymer dispersed liquid crystals based on poly(styrene- <i>b</i> -ethylene oxide), poly(bisphenol a) Tj ETQq0 0 0 rgBT /Overlock 10 T diagrams and morphologies generated. <i>Journal of Applied Polymer Science</i> , 2008, 108, 1116-1125.	2.6	18
71	Fabrication of Biocompatible, Functional, and Transparent Hybrid Films Based on Silk Fibroin and Epoxy Silane for Biophotonics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27905-27917.	8.0	18
72	Hydrophobic and spectrally broadband antireflective methyl-silylated silica coatings with high performance stability for concentrated solar applications. <i>Solar Energy Materials and Solar Cells</i> , 2019, 200, 109962.	6.2	18

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73	Dual-curable stereolithography resins for superior thermomechanical properties. EXPRESS Polymer Letters, 2020, 14, 881-894.	2.1	18
74	Semi-paracrystallinity in semi-conducting polymers. Materials Horizons, 2022, 9, 1196-1206.	12.2	18
75	Thermoresponsive meso/nanostructured thermosetting materials based on PS-b-PEO block copolymer-dispersed liquid crystal: Curing behavior and morphological variation. Acta Materialia, 2008, 56, 5112-5122.	7.9	17
76	Thermoresponsive inorganic/organic hybrids based on conductive TiO ₂ nanoparticles embedded in poly(styrene-b-ethylene oxide) block copolymer dispersed liquid crystals. Acta Materialia, 2009, 57, 4624-4631.	7.9	17
77	Transparent nanostructured cellulose acetate films based on the self assembly of PEO-b-PPO-b-PEO block copolymer. Carbohydrate Polymers, 2017, 165, 437-443.	10.2	17
78	Origin of Transcrystallinity and Nucleation Kinetics in Polybutene-1/Fiber Composites. Macromolecules, 2020, 53, 8940-8950.	4.8	17
79	Quantitative Nanoelectrical and Nanomechanical Properties of Nanostructured Hybrid Composites by PeakForce Tunneling Atomic Force Microscopy. Journal of Physical Chemistry C, 2014, 118, 1206-1212.	3.1	16
80	Strain sensitive conductive polyurethane foam/graphene nanocomposites prepared by impregnation method. European Polymer Journal, 2017, 90, 323-333.	5.4	16
81	Relationships between the Morphology and Thermoresponsive Behavior in Micro/Nanostructured Thermosetting Matrixes Containing a 4-(Hexyloxy)-4-biphenylcarbonitrile Liquid Crystal. Langmuir, 2008, 24, 11216-11224.	3.5	15
82	Surfactant addition effects on dispersion and microdomain orientation in SBS triblock copolymer/alumina nanoparticle composites. European Polymer Journal, 2011, 47, 1240-1249.	5.4	15
83	Synthesis and characterization of environmentally-friendly waterborne poly(urethane-urea)s. European Polymer Journal, 2018, 99, 240-249.	5.4	15
84	New electroactive macromonomers and multi-responsive PEDOT graft copolymers. Polymer Chemistry, 2018, 9, 3780-3790.	3.9	15
85	Flexible photochromic cellulose triacetate based bionanocomposites modified with sol-gel synthesized V ₂ O ₅ nanoparticles. Carbohydrate Polymers, 2019, 208, 50-58.	10.2	15
86	Nanostructured physical gel of SBS block copolymer and Ag/DT/SBS nanocomposites. Journal of Materials Science, 2009, 44, 1287-1293.	3.7	14
87	Morphology, Nucleation, and Isothermal Crystallization Kinetics of Poly(Butylene Succinate) Mixed with a Polycarbonate/MWCNT Masterbatch. Polymers, 2018, 10, 424.	4.5	14
88	Improvement of macroscale properties of TiO ₂ /cellulose acetate hybrid films by solvent vapour annealing. Carbohydrate Polymers, 2020, 231, 115683.	10.2	14
89	Liquid crystal alignment in electro-responsive nanostructured thermosetting materials based on block copolymer dispersed liquid crystal. Nanotechnology, 2008, 19, 275701.	2.6	13
90	Microbial Cellulose – Biosynthesis Mechanisms and Medical Applications. , 2015, , .		13

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91	Quantitative nanomechanical property mapping of epoxy thermosetting system modified with poly(ethylene oxide-b-propylene oxide-b-ethylene oxide) triblock copolymer. <i>Polymer Testing</i> , 2017, 57, 38-41.	4.8	13
92	Triblock copolymers containing hydrophilic PEO blocks as effective polyols for organic solvent-free waterborne poly(urethane-urea)s. <i>Reactive and Functional Polymers</i> , 2018, 131, 1-11.	4.1	13
93	Polyfluoroalkyl-silica porous coatings with high antireflection properties and low surface free energy for glass in solar energy application. <i>Applied Surface Science</i> , 2020, 509, 144864.	6.1	13
94	GTR/Thermoplastics Blends: How Do Interfacial Interactions Govern Processing and Physico-Mechanical Properties?. <i>Materials</i> , 2022, 15, 841.	2.9	13
95	Rutile TiO ₂ Nanoparticles Dispersed in a Self-Assembled Polystyrene- <i>block</i> -polymethyl Methacrylate Diblock Copolymer Template. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1151-1156.	3.1	12
96	Optical and Conductive Properties of As-Synthesized Organic-Capped TiO ₂ Nanorods Highly Dispersible in Polystyrene- <i>block</i> -poly(methyl methacrylate) Diblock Copolymer. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11805-11814.	8.0	12
97	Multifunctional organic-inorganic hybrids based on cellulose acetate and 3-glycidoxypropyltrimethoxysilane. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 114-126.	2.4	12
98	Predicted Studies of Branched and Cross-Linked Polyurethanes Based on Polyhydroxybutyrate with Polycaprolactone Triol in Soft Segments. <i>Polymers</i> , 2020, 12, 1068.	4.5	12
99	Natural gum rosin thin films nanopatterned by poly(styrene)- <i>block</i> -poly(4-vinylpyridine) <i>block</i> copolymer. <i>RSC Advances</i> , 2014, 4, 32024.	3.6	11
100	Switchable photoluminescence liquid crystal coated bacterial cellulose films with conductive response. <i>Carbohydrate Polymers</i> , 2016, 143, 188-197.	10.2	11
101	Morphology and Physicochemical Properties of Branched Polyurethane/Biopolymer Blends. <i>Polymers</i> , 2020, 12, 16.	4.5	11
102	Surfactant Effects on Morphology-Properties Relationships of Silver-poly(styrene- <i>block</i> -isoprene- <i>block</i> -styrene) Block Copolymer Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 2128-2139.	0.9	10
103	Cellulose Nanocrystals and Au Nanoparticles Well-Dispersed in a Poly(styrene- <i>block</i> -ethylene oxide) Block Copolymer Matrix. <i>Journal of Physical Chemistry C</i> , 2011, 115, 22180-22185.	3.1	10
104	Electrostatic force microscopy measurements of CdSe-PS nanoparticles and CdSe-PS/poly(styrene- <i>block</i> -butadiene- <i>block</i> -styrene) nanocomposites. <i>Colloid and Polymer Science</i> , 2014, 292, 229-234.	2.1	10
105	Isothermal Crystallization Kinetics and Morphology of Double Crystalline PCL/PBS Blends Mixed with a Polycarbonate/MWCNTs Masterbatch. <i>Polymers</i> , 2019, 11, 682.	4.5	10
106	Tuning photoresponsive and dielectric properties of PVA/CdSe films by capping agent change. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 118, 194-201.	7.6	10
107	Enhanced stability of photo-induced anisotropy due to intermolecular interactions in an azo-prepolymer confined in block copolymer. <i>European Polymer Journal</i> , 2013, 49, 984-990.	5.4	9
108	Enhancement of the mechanical properties at the macro and nanoscale of thermosetting systems modified with a polystyrene- <i>block</i> -polymethyl methacrylate block copolymer. <i>RSC Advances</i> , 2015, 5, 102085-102095.	3.6	9

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109	Degradability of cross-linked polyurethanes based on synthetic polyhydroxybutyrate and modified with polylactide. <i>Chemical Papers</i> , 2017, 71, 2243-2251.	2.2	9
110	Improvement of Mechanical Properties and Self-Healing Efficiency by Ex-Situ Incorporation of TiO ₂ Nanoparticles to a Waterborne Poly(Urethane-Urea). <i>Polymers</i> , 2019, 11, 1209.	4.5	9
111	Preparation of Well-Compatibilized PP/PC Blends and Foams Thereof. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5509-5516.	4.4	9
112	Conductive Properties of Switchable Photoluminescence Thermosetting Systems Based on Liquid Crystals. <i>Langmuir</i> , 2010, 26, 4296-4302.	3.5	8
113	Conductive Properties of Photoluminescent Au/Ps- <i>b</i> -PEO Inorganic/Organic Hybrids Containing Nematic Liquid Crystals. <i>Journal of Physical Chemistry C</i> , 2011, 115, 1643-1648.	3.1	8
114	Thermal and optical behavior of poly(ethylene- <i>b</i> -ethylene oxide) block copolymer dispersed liquid crystals blends. <i>European Polymer Journal</i> , 2016, 74, 148-157.	5.4	8
115	Degradability of Polyurethanes and Their Blends with Polylactide, Chitosan and Starch. <i>Polymers</i> , 2021, 13, 1202.	4.5	8
116	Bio-Based Polyurethane Networks Derived from Liquefied Sawdust. <i>Materials</i> , 2021, 14, 3138.	2.9	8
117	Sequential Crystallization and Multicrystalline Morphology in PE- <i>b</i> -PEO- <i>b</i> -PCL- <i>b</i> -PLLA Tetrablock Quarterpolymers. <i>Macromolecules</i> , 2021, 54, 7244-7257.	4.8	8
118	Functionalisation of CdSe Semiconductor Nanoparticles with Polystyrene Brushes by Radical Polymerization. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 643-648.	0.9	7
119	Hybrid materials based on azopolymer and sol-gel synthesized silver-containing titanium oxide nanoparticles with photoinduced birefringence. <i>RSC Advances</i> , 2015, 5, 15740-15748.	3.6	7
120	Self-Healable Nanocomposites with Enhanced Thermal Stability by Incorporation of TiO ₂ Nanoparticles to Waterborne Poly(urethane-urea) Matrices Based on Amphiphilic Triblock Copolymers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21290-21298.	3.1	7
121	Optimization of adhesive performance of waterborne poly(urethane-urea)s for adhesion on high and low surface energy surfaces. <i>Progress in Organic Coatings</i> , 2020, 140, 105495.	3.9	7
122	Morphology, Thermo-Mechanical Properties and Biodegradability of PCL/PLA Blends Reactively Compatibilized by Different Organic Peroxides. <i>Materials</i> , 2021, 14, 4205.	2.9	7
123	Degradability of cross-linked polyurethanes/chitosan composites. <i>Polimery</i> , 2017, 62, 567-575.	0.7	7
124	Influence of PS- <i>b</i> -PEO diblock copolymers on the compatibility of syndiotactic polystyrene modified epoxy blends. <i>Journal of Applied Polymer Science</i> , 2006, 102, 479-488.	2.6	6
125	Optimization of the electrospinning processing window to fabricate nanostructured PE- <i>b</i> -PEO and hybrid PE- <i>b</i> -PEO/EBBA fibers. <i>Polymer Engineering and Science</i> , 2017, 57, 1157-1167.	3.1	6
126	Study of thermal property changes of biopol/polyamide 11 blends during biodegradation in compost. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 74, 605-608.	3.6	5

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127	Lewy Bodies under Atomic Force Microscope. <i>Ultrastructural Pathology</i> , 2014, 38, 1-5.	0.9	5
128	The effect of TiO ₂ nanocrystal shape on the electrical properties of poly(styrene- <i>b</i> -methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td 2015, 184, 8-16.	5.2	5
129	Thin Film Nanocomposites Based on SBM Triblock Copolymer and Silver Nanoparticles: Morphological and Dielectric Analysis. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1700169.	3.6	5
130	PE- <i>b</i> -PEO block copolymer nanostructured thermosetting systems as template for TiO ₂ nanoparticles. <i>European Polymer Journal</i> , 2017, 94, 87-98.	5.4	5
131	Photo-active chitosan-based hybrid films. <i>European Polymer Journal</i> , 2020, 122, 109373.	5.4	5
132	Effect of β -Fe ₂ O ₃ Nanoparticles on the Cross-Linking and Final Properties of PVA/Citric Acid-Based Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5444-5451.	3.1	5
133	PALS study of epoxy matrices: self-assembly of block copolymers and its capability for nanostructuring thermosetting systems. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 3690-3699.	0.8	4
134	Conductive Properties of Inorganic/Organic Nanostructured Systems Based on Block Copolymers. <i>Materials Science Forum</i> , 0, 714, 153-158.	0.3	4
135	Effect of Iron Oxide Nanocrystal Content on the Morphology and Magnetic Properties of Polystyrene- <i>b</i> -poly(methyl methacrylate) Diblock Copolymer Based Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6435-6445.	3.1	4
136	Nanostructured polymer blends based on polystyrene- <i>b</i> -polybutadiene- <i>b</i> -poly(methyl) Tj ETQq0 0 0 rgBT /Overlock homopolymers. <i>Polymer International</i> , 2017, 66, 1031-1036.	3.1	4
137	Optical reversible behavior of poly(ethylene- <i>b</i> -ethylene oxide) block copolymer dispersed liquid crystal blends. <i>European Polymer Journal</i> , 2017, 91, 187-196.	5.4	4
138	Phase distribution changes of neat unsaturated polyester resin and their effects on both thermal stability and dynamic-mechanical properties. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51308.	2.6	4
139	Comparative study of nano and macro mechanical properties of cellulose triacetate based nanocomposites by mean of quantitative nanomechanical mapping and mechanical testing. <i>Composites Science and Technology</i> , 2021, 211, 108851.	7.8	4
140	Cost-Effectively 3D-Printed Rigid and Versatile Interpenetrating Polymer Networks. <i>Materials</i> , 2021, 14, 4544.	2.9	4
141	Dynamic Mechanical Thermal Analysis of Polyamide 6/Biopol Blends. , 2000, 60, 313-317.		3
142	DSC Studies on Melting and Crystallization of Polyamide 6/Biopol Blends. , 2000, 60, 117-121.		3
143	Electrical properties of TiO ₂ /SEO nanocomposites: From macro to nano. <i>Electrochimica Acta</i> , 2011, 56, 5582-5586.	5.2	3
144	Effect of carboxylated poly(ethylene oxide- <i>b</i> -propylene oxide- <i>b</i> -ethylene oxide) block copolymer on nanostructured unsaturated polyester resin. <i>RSC Advances</i> , 2015, 5, 96170-96180.	3.6	3

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145	Growth of magnetic cobalt hexacyanoferrate nanoparticles onto bacterial cellulose nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16956-16965.	2.2	3
146	Creating a Green Chemistry Lab: Towards Sustainable Resource Management and Responsible Purchasing. <i>Sustainability</i> , 2020, 12, 8934.	3.2	3
147	Multifunctional Nanostructured Composites Based on TiO ₂ Nanoparticles. <i>Macromolecular Symposia</i> , 2012, 321-322, 99-104.	0.7	2
148	Photoresponsive Multilayer Films of Chitosan and an Azopolymer. <i>Journal of Renewable Materials</i> , 2015, 3, 49-55.	2.2	2
149	Nanostructure development in polystyrene-b-polybutadiene-b-poly(methyl methacrylate) (SBM) thin films by atomic force microscopy: Effect of copolymer composition and solvent. <i>Polymer Engineering and Science</i> , 2018, 58, 422-429.	3.1	2
150	Epoxy Doped, Nano-scale Phase-separated Polyacrylates with Potential in 3D Printing. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000558.	3.6	2
151	Nanostructured Thermoset Composites Containing Conductive TiO ₂ Nanoparticles. <i>Materials Science Forum</i> , 0, 714, 147-152.	0.3	1
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