Alessandro Pegoretti

List of Publications by Year
in descending order

304 papers	9,569 citations	47006 47 h-index	69250 77 g-index
309 all docs	309 docs citations	309 times ranked	8156 citing authors

#	Article	IF	Citations
1	Multifunctional polyurethane foams with thermal energy storage/release capability. Journal of Thermal Analysis and Calorimetry, 2022, 147, 297-313.	3.6	7
2	Thermochemical heat storage performances of magnesium sulphate confined in polymer-derived SiOC aerogels. Journal of Alloys and Compounds, 2022, 895, 162592.	5.5	10
3	Statistical Modeling and Optimization of the Drawing Process of Bioderived Polylactide/Poly(dodecylene furanoate) Wet-Spun Fibers. Polymers, 2022, 14, 396.	4.5	9
4	Additive manufacturing with biodegradable polymers. , 2022, , 611-679.		2
5	Effective recycling of endâ€ofâ€life polyvinyl chloride foams in ethyleneâ€“propylene diene monomers rubber. Journal of Vinyl and Additive Technology, 2022, 28, 494-501.	3.4	7
6	Bioadhesive patches based on carboxymethyl cellulose/polyvinylpyrrolidone/bentonite composites and SoluplusÂ® for skin administration of poorly soluble molecules. Applied Clay Science, 2022, 216, 106377.	5.2	7
7	Bio-composites for fused filament fabrication: effects of maleic anhydride grafting on poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	8
8	Improving the Thermomechanical Properties of Poly(lactic acid) via Reduced Graphene Oxide and Bioderived Poly(decamethylene 2,5-furandicarboxylate). Materials, 2022, 15, 1316.	2.9	8
9	Salt leaching as a green method for the production of polyethylene foams for thermal energy storage applications. Polymer Engineering and Science, 2022, 62, 1650-1663.	3.1	3
10	3D printing of ABS Nanocomposites. Comparison of processing and effects of multi-wall and single-wall carbon nanotubes on thermal, mechanical and electrical properties. Journal of Materials Science and Technology, 2022, 121, 52-66.	10.7	31
11	Production and characterization of novel EPDM/NBR panels with paraffin for potential thermal energy storage applications. Thermal Science and Engineering Progress, 2022, 32, 101309.	2.7	8
12	Thermomechanical evaluation of expanded ethyleneâ€propylene diene monomers rubber mixed with recycled polyvinyl chloride foams. Cleaner Materials, 2022, 4, 100091.	5.1	0
13	Three Dimensional Printing of Multiscale Carbon Fiber-Reinforced Polymer Composites Containing Graphene or Carbon Nanotubes. Nanomaterials, 2022, 12, 2064.	4.1	2
14	Improving the Wet-Spinning and Drawing Processes of Poly(lactide)/Poly(ethylene furanoate) and Polylactide/Poly(dodecamethylene furanoate) Fiber Blends. Polymers, 2022, 14, 2910.	4.5	6
15	Si3N4 nanofelts/paraffin composites as novel thermal energy storage architecture. Journal of Materials Science, 2021, 56, 1537-1550.	3.7	14
16	Optimization of the thermal mending process in epoxy/cyclic olefin copolymer blends. Journal of Applied Polymer Science, 2021, 138, 49937.	2.6	8
17	Evaluation of the role of devulcanized rubber on the thermomechanical properties of expanded ethyleneâ€propylene diene monomers composites. Polymer Engineering and Science, 2021, 61, 767-779.	3.1	11
18	Poly(vinylidene fluoride)/thermoplastic polyurethane flexible and <scp>3D</scp> printable conductive composites. Journal of Applied Polymer Science, 2021, 138, 50305.	2.6	15

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19	Evaluation of the salt leaching method for the production of ethylene propylene diene monomer rubber foams. Polymer Engineering and Science, 2021, 61, 136-153.	3.1	11
20	Lowâ€cycle fatigue behavior of flexible<scp>3D</scp>printed thermoplastic polyurethane blends for thermal energy storage/release applications. Journal of Applied Polymer Science, 2021, 138, 49704.	2.6	16
21	Investigation of the Effects of Multi-Wall and Single-Wall Carbon Nanotubes Concentration on the Properties of ABS Nanocomposites. Journal of Carbon Research, 2021, 7, 33.	2.7	11
22	Towards sustainable structural composites: A review on the recycling of continuous-fiber-reinforced thermoplastics. Advanced Industrial and Engineering Polymer Research, 2021, 4, 105-115.	4.7	24
23	NOVEL EPDM/PARAFFIN FOAMS FOR THERMAL ENERGY STORAGE APPLICATIONS. Rubber Chemistry and Technology, 2021, 94, 432-448.	1.2	10
24	Production and Characterization of TES-EPDM Foams With Paraffin for Thermal Management Applications. Frontiers in Materials, 2021, 8, .	2.4	12
25	High-Performance Polyamide/Carbon Fiber Composites for Fused Filament Fabrication: Mechanical and Functional Performances. Journal of Materials Engineering and Performance, 2021, 30, 5066-5085.	2.5	35
26	Graphene Deposition on Glass Fibers by Triboelectrification. Applied Sciences (Switzerland), 2021, 11, 3123.	2.5	4
27	Recycling concepts for short-fiber-reinforced and particle-filled thermoplastic composites: A review. Advanced Industrial and Engineering Polymer Research, 2021, 4, 93-104.	4.7	11
28	Multifunctionality of Reduced Graphene Oxide in Bioderived Polylactide/Poly(Dodecylene Furanoate) Nanocomposite Films. Molecules, 2021, 26, 2938.	3.8	16
29	Thermophysical Properties of Multifunctional Syntactic Foams Containing Phase Change Microcapsules for Thermal Energy Storage. Polymers, 2021, 13, 1790.	4.5	10
30	Effect of printing parameters on the electromagnetic shielding efficiency of ABS/carbonaceous-filler composites manufactured via filament fused fabrication. Journal of Manufacturing Processes, 2021, 65, 12-19.	5.9	16
31	Mechanical Behaviour of Multifunctional Epoxy/Hollow Glass Microspheres/Paraffin Microcapsules Syntactic Foams for Thermal Management. Polymers, 2021, 13, 2896.	4.5	5
32	Effect of Hydrothermal Treatment and Doping on the Microstructural Features of Sol-Gel Derived BaTiO3 Nanoparticles. Materials, 2021, 14, 4345.	2.9	9
33	Thermal Mending of Electroactive Carbon/Epoxy Laminates Using a Porous Poly(Îµ-caprolactone) Electrospun Mesh. Polymers, 2021, 13, 2723.	4.5	6
34	Evaluating the Multifunctional Performance of Structural Composites for Thermal Energy Storage. Polymers, 2021, 13, 3108.	4.5	8
35	Polymer-derived silicon nitride aerogels as shape stabilizers for low and high-temperature thermal energy storage. Journal of the European Ceramic Society, 2021, 41, 5484-5494.	5.7	21
36	Electrospun Shape-Stabilized Phase Change Materials Based on Photo-Crosslinked Polyethylene Oxide. Polymers, 2021, 13, 2979.	4.5	6

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37	Biogenic architectures for green, cheap, and efficient thermal energy storage and management. Renewable Energy, 2021, 178, 96-107.	8.9	7
38	Fabrication and characterization of piezoresistive flexible pressure sensors based on poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 42, 6621-6634.	4.6	11
39	A genipin crosslinked silk fibroin monolith by compression molding with recovering mechanical properties in physiological conditions. Cell Reports Physical Science, 2021, 2, 100605.	5.6	13
40	Dynamic-mechanical response of carbon fiber laminates with a reactive thermoplastic resin containing phase change microcapsules. Mechanics of Time-Dependent Materials, 2020, 24, 395-418.	4.4	20
41	Molecular transport through 3-hydroxybutyrate co-3-hydroxyhexanoate biopolymer films with dispersed graphene oxide nanoparticles: Gas barrier, structural and mechanical properties. Polymer Testing, 2020, 81, 106181.	4.8	23
42	All-carbon multi-scale and hierarchical fibers and related structural composites: A review. Composites Science and Technology, 2020, 186, 107932.	7.8	92
43	Interfaces in biopolymer nanocomposites: Their role in the gas barrier properties and kinetics of residual solvent desorption. Applied Surface Science, 2020, 507, 145066.	6.1	9
44	Chloroform desorption from poly(lactic acid) nanocomposites: a thermal desorption spectroscopy study. Pure and Applied Chemistry, 2020, 92, 391-398.	1.9	7
45	Role of Surface-Treated Silica Nanoparticles on the Thermo-Mechanical Behavior of Poly(Lactide). Applied Sciences (Switzerland), 2020, 10, 6731.	2.5	15
46	Effect of phase change microcapsules on the thermo-mechanical, fracture and heat storage properties of unidirectional carbon/epoxy laminates. Polymer Testing, 2020, 91, 106747.	4.8	18
47	Polydopamine-Coated Paraffin Microcapsules as a Multifunctional Filler Enhancing Thermal and Mechanical Performance of a Flexible Epoxy Resin. Journal of Composites Science, 2020, 4, 174.	3.0	11
48	Cyclic Olefin Copolymer Interleaves for Thermally Mendable Carbon/Epoxy Laminates. Molecules, 2020, 25, 5347.	3.8	10
49	Editorial: Biodegradable Matrices and Composites. Frontiers in Materials, 2020, 7, .	2.4	2
50	Smart Manufacturing Process of Carbon-Based Low-Dimensional Structures and Fiber-Reinforced Polymer Composites for Engineering Applications. Journal of Materials Engineering and Performance, 2020, 29, 4162-4186.	2.5	14
51	Mechanical and Functional Properties of Novel Biobased Poly(decylene-2,5-furanoate)/Carbon Nanotubes Nanocomposite Films. Polymers, 2020, 12, 2459.	4.5	14
52	Effect of the Temperature and of the Drawing Conditions on the Fracture Behaviour of Thermoplastic Starch Films for Packaging Applications. Journal of Polymers and the Environment, 2020, 28, 3244-3255.	5.0	18
53	Healable Carbon Fiber-Reinforced Epoxy/Cyclic Olefin Copolymer Composites. Materials, 2020, 13, 2165.	2.9	10
54	Hybrid Composites Based on Thermoplastic Polyurethane With a Mixture of Carbon Nanotubes and Carbon Black Modified With Polypyrrole for Electromagnetic Shielding. Frontiers in Materials, 2020, 7, .	2.4	30

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55	Detailed experimental and theoretical investigation of the thermomechanical properties of epoxy composites containing paraffin microcapsules for thermal management. Polymer Engineering and Science, 2020, 60, 1202-1220.	3.1	26
56	Thermo-Mechanical Behavior and Hydrolytic Degradation of Linear Low Density Polyethylene/Poly(3-hydroxybutyrate) Blends. Frontiers in Materials, 2020, 7, .	2.4	5
57	Development of new nanocomposites for 3D printing applications. , 2020, , 17-59.		5
58	Interface nanocavities in poly (lactic acid) membranes with dispersed cellulose nanofibrils: Their role in the gas barrier performances. Polymer, 2020, 202, 122729.	3.8	7
59	Thermal mending in novel epoxy/cyclic olefin copolymer blends. EXPRESS Polymer Letters, 2020, 14, 368-383.	2.1	17
60	Novel Poly(Caprolactone)/Epoxy Blends by Additive Manufacturing. Materials, 2020, 13, 819.	2.9	12
61	Graphene/Carbon Nanotube Hybrid Nanocomposites: Effect of Compression Molding and Fused Filament Fabrication on Properties. Polymers, 2020, 12, 101.	4.5	45
62	Fused Filament Fabrication of Piezoresistive Carbon Nanotubes Nanocomposites for Strain Monitoring. Frontiers in Materials, 2020, 7, .	2.4	22
63	Evaluation of the Role of Devulcanized Rubber on the Thermo-mechanical Properties of Polystyrene. Journal of Polymers and the Environment, 2020, 28, 1737-1748.	5.0	13
64	Multifunctional structural composites for thermal energy storage. Multifunctional Materials, 2020, 3, 042001.	3.7	14
65	Determination of the Fracture Resistance of Ductile Polymers: The ESIS TC4 Recent Experience. Materials Performance and Characterization, 2020, 9, 675-687.	0.3	4
66	Effect of expandable and expanded graphites on the thermo-mechanical properties of polyamide 11. Journal of Elastomers and Plastics, 2019, 51, 175-190.	1.5	7
67	Novel electroactive polyamide 12 based nanocomposites filled with reduced graphene oxide. Polymer Engineering and Science, 2019, 59, 198-205.	3.1	15
68	Thermal management with polymer composites. EXPRESS Polymer Letters, 2019, 13, 844-844.	2.1	2
69	Polylactic acid-lauryl functionalized nanocellulose nanocomposites: Microstructural, thermo-mechanical and gas transport properties. EXPRESS Polymer Letters, 2019, 13, 858-876.	2.1	29
70	Application of the thermal energy storage concept to novel epoxyâ€“short carbon fiber composites. Journal of Applied Polymer Science, 2019, 136, 47434.	2.6	30
71	Rapid Prototyping of Efficient Electromagnetic Interference Shielding Polymer Composites via Fused Deposition Modeling. Applied Sciences (Switzerland), 2019, 9, 37.	2.5	35
72	Thermo-electrical behaviour of cyclic olefin copolymer/exfoliated graphite nanoplatelets nanocomposites foamed through supercritical carbon dioxide. Journal of Cellular Plastics, 2019, 55, 263-282.	2.4	13

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73	Lifetime assessment of high-density polyethyleneâ€“silica nanocomposites. Nanomaterials and Nanotechnology, 2019, 9, 184798041984998.	3.0	5
74	Thermo-Mechanical Behavior of Novel Wood Laminae-Thermoplastic Starch Biodegradable Composites With Thermal Energy Storage/Release Capability. Frontiers in Materials, 2019, 6, .	2.4	29
75	Adiabatic effects on the temperature and rate dependency of the fracture toughness of an ethylene-fluoroethylene film. Engineering Fracture Mechanics, 2019, 214, 260-269.	4.3	2
76	Docosane-Organosilica Microcapsules for Structural Composites with Thermal Energy Storage/Release Capability. Materials, 2019, 12, 1286.	2.9	45
77	Polyhydroxyalkanoates/Fibrillated Nanocellulose Composites for Additive Manufacturing. Journal of Polymers and the Environment, 2019, 27, 1333-1341.	5.0	65
78	Temperature Dependent Strain/Damage Monitoring of Glass/Epoxy Composites with Graphene as a Piezoresistive Interphase. Fibers, 2019, 7, 17.	4.0	15
79	Novel reactive thermoplastic resin as a matrix for laminates containing phase change microcapsules. Polymer Composites, 2019, 40, 3711-3724.	4.6	42
80	Structure and Properties of Polyamide 11 Nanocomposites Filled with Fibrous Palygorskite Clay. Journal of Renewable Materials, 2019, 7, 89-102.	2.2	9
81	Synergistic effects of metal hydroxides and fumed nanosilica as fire retardants for polyethylene. Flame Retardancy and Thermal Stability of Materials, 2019, 2, 30-48.	1.1	4
82	Shape memory epoxy nanocomposites with carbonaceous fillers and inâ€situ generated silver nanoparticles. Polymer Engineering and Science, 2019, 59, 694-703.	3.1	14
83	Discontinuous carbon fiber/polyamide composites with microencapsulated paraffin for thermal energy storage. Journal of Applied Polymer Science, 2019, 136, 47408.	2.6	29
84	Polyethylene-based single polymer laminates: Synergistic effects of nanosilica and metal hydroxides. Journal of Reinforced Plastics and Composites, 2019, 38, 62-73.	3.1	9
85	Electromagnetic interference shielding effectiveness of composites based on polyurethane derived from castor oil and nanostructured carbon fillers. Polymer Composites, 2019, 40, E78.	4.6	15
86	Effect of graphene nanoplatelets structure on the properties of acrylonitrileâ€“butadieneâ€“styrene composites. Polymer Composites, 2019, 40, E285.	4.6	24
87	Evaluation of the role of carbon nanotubes on the electrical properties of poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 51, 3-25.	1.5	5
88	Thermoâ€mechanical and adhesive properties of polymeric films based on ZnAlâ€hydrotalcite composites for active wound dressings. Polymer Engineering and Science, 2019, 59, E112.	3.1	7
89	Magnetostrictive polymer composites: Recent advances in materials, structures and properties. Progress in Materials Science, 2018, 97, 204-229.	32.8	101
90	Electromagnetic interference shielding effectiveness of ABS carbon-based composites manufactured via fused deposition modelling. Materials Today Communications, 2018, 15, 70-80.	1.9	90

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91	Hybrid composites of <scp>ABS</scp> with carbonaceous fillers for electromagnetic shielding applications. Journal of Applied Polymer Science, 2018, 135, 46546.	2.6	27
92	Nanoscale friction of graphene oxide over glass-fibre and polystyrene. Composites Part B: Engineering, 2018, 148, 272-280.	12.0	18
93	Multifunctional epoxy/carbon fiber laminates for thermal energy storage and release. Composites Science and Technology, 2018, 158, 101-111.	7.8	75
94	Electromagnetic interference shielding effectiveness and microwave absorption properties of thermoplastic polyurethane/montmorilloniteâ€•polypyrrole nanocomposites. Polymers for Advanced Technologies, 2018, 29, 1377-1384.	3.2	42
95	Mechanical properties and strain monitoring of glass-epoxy composites with graphene-coated fibers. Composites Part A: Applied Science and Manufacturing, 2018, 107, 112-123.	7.6	105
96	Polyvinyl alcohol reinforced with carbon nanotubes for fused deposition modeling. Journal of Reinforced Plastics and Composites, 2018, 37, 716-727.	3.1	20
97	Polyvinyl alcohol reinforced with crystalline nanocellulose for 3D printing application. Materials Today Communications, 2018, 15, 236-244.	1.9	52
98	3D printable thermoplastic polyurethane blends with thermal energy storage/release capabilities. Materials Today Communications, 2018, 15, 228-235.	1.9	50
99	Ultrathin wood laminaeâ€”polyvinyl alcohol biodegradable composites. Polymer Composites, 2018, 39, 1116-1124.	4.6	6
100	Effect of carbonization and multiâ€•walled carbon nanotubes on polyacrylonitrile short carbon fiber â€• epoxy composites. Polymer Composites, 2018, 39, E817.	4.6	8
101	Synergistic effects of carbon black and carbon nanotubes on the electrical resistivity of poly(butyleneâ€•terephthalate) nanocomposites. Advances in Polymer Technology, 2018, 37, 1744-1754.	1.7	25
102	Evaluation of the shape memory behavior of a poly(cyclooctene) based nanocomposite device. Polymer Engineering and Science, 2018, 58, 430-437.	3.1	8
103	Experimental analysis and theoretical modeling of the mechanical behavior of starchâ€•graftedâ€•polypropylene/kenaf fibers composites. Polymer Composites, 2018, 39, 3289-3299.	4.6	9
104	Unveiling the hybrid interface in polymer nanocomposites enclosing silsesquioxanes with tunable molecular structure: Spectroscopic, thermal and mechanical properties. Journal of Colloid and Interface Science, 2018, 512, 609-617.	9.4	20
105	Non-isothermal crystallization kinetics of polypropylene/short glass fibre/multiwalled carbon nanotube composites. RSC Advances, 2018, 8, 39127-39139.	3.6	27
106	Interleaving in structural composites: Adapting an old concept to new challenges. EXPRESS Polymer Letters, 2018, 12, 1025-1025.	2.1	3
107	Effects of the Nanofillers on Physical Properties of Acrylonitrile-Butadiene-Styrene Nanocomposites: Comparison of Graphene Nanoplatelets and Multiwall Carbon Nanotubes. Nanomaterials, 2018, 8, 674.	4.1	64
108	Liquid crystalline organic fibers and their mechanical behavior. , 2018, , 621-697.		6

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109	Multifunctional glass fiber/polyamide composites with thermal energy storage/release capability. EXPRESS Polymer Letters, 2018, 12, 349-364.	2.1	48
110	Thermoplastic Polyurethane Blends With Thermal Energy Storage/Release Capability. Frontiers in Materials, 2018, 5, .	2.4	17
111	Structural Health Monitoring: Current State and Future Trends. , 2018, , .		4
112	Filaments Production and Fused Deposition Modelling of ABS/Carbon Nanotubes Composites. Nanomaterials, 2018, 8, 49.	4.1	104
113	Tailoring the Dielectric and Mechanical Properties of Polybutadiene Nanocomposites by Using Designed Ladder-like Polysilsesquioxanes. ACS Applied Nano Materials, 2018, 1, 3817-3828.	5.0	15
114	Combined effect of fumed silica and metal hydroxides as fire retardants in PE single-polymer composites. AIP Conference Proceedings, 2018, , .	0.4	1
115	Novel phase change materials using thermoplastic composites. AIP Conference Proceedings, 2018, , .	0.4	6
116	Electrically conductive composites of polyurethane derived from castor oil with polypyrroleâ€coated peach palm fibers. Polymer Composites, 2017, 38, 2146-2155.	4.6	22
117	Electrically conductive nanocomposites for fused deposition modelling. Synthetic Metals, 2017, 226, 7-14.	3.9	139
118	Photocurable resin/nanocellulose composite coatings for wood protection. Progress in Organic Coatings, 2017, 106, 128-136.	3.9	60
119	Novel polyamide 12 based nanocomposites for industrial applications. Journal of Polymer Research, 2017, 24, 1.	2.4	14
120	Effects of carbonaceous nanofillers on the mechanical and electrical properties of crosslinked poly(cyclooctene). Polymer Engineering and Science, 2017, 57, 537-543.	3.1	13
121	Relaxation processes in side-chain polyazomethine/thermally reduced graphene oxide nanocomposites. European Polymer Journal, 2017, 96, 119-133.	5.4	11
122	Effects of Fumed Silica and Draw Ratio on Nanocomposite Polypropylene Fibers. Polymers, 2017, 9, 41.	4.5	21
123	Wax Confinement with Carbon Nanotubes for Phase Changing Epoxy Blends. Polymers, 2017, 9, 405.	4.5	58
124	Fatigue behaviour of biocomposites. , 2017, , 431-478.		2
125	Ultrathin Wood Laminaeâ€“Thermoplastic Starch Biodegradable Composites. Journal of Renewable Materials, 2017, , .	2.2	2
126	Tuning Electrical and Thermal Properties in Epoxy/Glass Composites by Graphene-Based Interphase. Journal of Composites Science, 2017, 1, 12.	3.0	5

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127	Expressing polymers for a sustainable development. EXPRESS Polymer Letters, 2017, 11, 852-852.	2.1	1
128	POLYETHYLENE WAX/EPDM BLENDS AS SHAPE-STABILIZED PHASE CHANGE MATERIALS FOR THERMAL ENERGY STORAGE. Rubber Chemistry and Technology, 2017, 90, 575-584.	1.2	30
129	Phase changing nanocomposites for low temperature thermal energy storage and release. EXPRESS Polymer Letters, 2017, 11, 738-752.	2.1	37
130	Surface free energy and mechanical performance of LDPE/CBF composites containing toxic-metal free filler. International Journal of Adhesion and Adhesives, 2017, 77, 58-62.	2.9	5
131	Study on the surface properties of colored talc filler (CTF) and mechanical performance of CTF/acrylonitrile-butadiene-styrene composite. Journal of Alloys and Compounds, 2016, 676, 513-520.	5.5	8
132	Photocurable resin/microcrystalline cellulose composites for wood protection: Physical-mechanical characterization. Progress in Organic Coatings, 2016, 99, 230-239.	3.9	18
133	Improved electroactive phase content and dielectric properties of flexible PVDF nanocomposite films filled with Au- and Cu-doped graphene oxide hybrid nanofiller. Synthetic Metals, 2016, 220, 653-660.	3.9	52
134	Improving fiber/matrix interfacial strength through graphene and graphene-oxide nano platelets. IOP Conference Series: Materials Science and Engineering, 2016, 139, 012004.	0.6	17
135	Thermal and mechanical behavior of innovative melt-blown fabrics based on polyamide nanocomposites. Journal of Industrial Textiles, 2016, 45, 1504-1515.	2.4	9
136	Morphology and viscoelastic properties of meltâ€spun HDPE/hydrotalcite nanocomposite fibers. Polymer Composites, 2016, 37, 288-298.	4.6	7
137	Interfacial interactions in silicaâ€reinforced polypropylene nanocomposites and their impact on the mechanical properties. Polymer Composites, 2016, 37, 2018-2026.	4.6	12
138	Electrospinning of doped and undoped-polyaniline/poly(vinylidene fluoride) blends. Synthetic Metals, 2016, 213, 34-41.	3.9	38
139	Fused deposition modelling with ABSâ€“graphene nanocomposites. Composites Part A: Applied Science and Manufacturing, 2016, 85, 181-191.	7.6	387
140	Enhancement of interfacial adhesion in glass fiber/epoxy composites by electrophoretic deposition of graphene oxide on glass fibers. Composites Science and Technology, 2016, 126, 149-157.	7.8	96
141	Cyclic olefin copolymerâ€“silica nanocomposites foams. Journal of Materials Science, 2016, 51, 3907-3916.	3.7	14
142	Mechanical behaviour of cyclic olefin copolymer/exfoliated graphite nanoplatelets nanocomposites foamed through supercritical carbon dioxide. EXPRESS Polymer Letters, 2016, 10, 977-989.	2.1	16
143	Synergistic effect of graphite nanoplatelets and glass fibers in polypropylene composites. Journal of Applied Polymer Science, 2015, 132, .	2.6	14
144	Toughening linear low-density polyethylene with halloysite nanotubes. Polymer Composites, 2015, 36, 869-883.	4.6	34

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145	Mechanical and thermal properties of poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (succinate)/poly(3â€hydroxy Polymer Science, 2015, 132, .	2.6	29
146	Liquid crystalline polymer nanocomposites reinforced with in-situ reduced graphene oxide. EXPRESS Polymer Letters, 2015, 9, 709-720.	2.1	22
147	A comparison between micro- and nanocellulose-filled composite adhesives for oil paintings restoration. Nanocomposites, 2015, 1, 195-203.	4.2	29
148	Where micro- and nano-worlds meet: multiscale polymer composites. EXPRESS Polymer Letters, 2015, 9, 329-329.	2.1	3
149	Spinning, drawing and physical properties of polypropylene nanocomposite fibers with fumed nanosilica. EXPRESS Polymer Letters, 2015, 9, 277-290.	2.1	37
150	Application of the load separation criterion in J-testing of ductile polymers: A round-robin testing exercise. Polymer Testing, 2015, 44, 72-81.	4.8	15
151	Recent advances in fiber/matrix interphase engineering for polymer composites. Progress in Materials Science, 2015, 73, 1-43.	32.8	440
152	Innovative microcrystalline cellulose composites as lining adhesives for canvas. Polymer Engineering and Science, 2015, 55, 1349-1354.	3.1	7
153	Microcrystalline cellulose filled composites for wooden artwork consolidation: Application and physic-mechanical characterization. Materials and Design, 2015, 83, 611-619.	7.0	15
154	Poly 2-ethyl-2-oxazoline/microcrystalline cellulose composites for cultural heritage conservation: Mechanical characterization in dry and wet state and application as lining adhesives of canvas. International Journal of Adhesion and Adhesives, 2015, 62, 92-100.	2.9	12
155	Starch-grafted-polypropylene/kenaf fibres composites. Part 2: thermal stability and dynamic-mechanical response. Journal of Reinforced Plastics and Composites, 2015, 34, 2045-2058.	3.1	9
156	Understanding the effect of silica nanoparticles and exfoliated graphite nanoplatelets on the crystallization behavior of isotactic polypropylene. Polymer Engineering and Science, 2015, 55, 672-680.	3.1	18
157	Interphase engineering in polymer composites: Challenging the devilâ€¦. EXPRESS Polymer Letters, 2015, 9, 838-838.	2.1	13
158	Novel electrically conductive polyurethane/montmorillonite-polypyrrole nanocomposites. EXPRESS Polymer Letters, 2015, 9, 945-958.	2.1	19
159	Effect of the water sorption on the mechanical response of microcrystalline celluloseâ€based composites for art protection and restoration. Journal of Applied Polymer Science, 2014, 131, .	2.6	13
160	Mechanical and rheological response of polypropylene/boehmite nanocomposites. Journal of Reinforced Plastics and Composites, 2014, 33, 252-265.	3.1	14
161	Starch-grafted-polypropylene/kenaf fibres composites. Part 1: Mechanical performances and viscoelastic behaviour. Composites Part A: Applied Science and Manufacturing, 2014, 56, 328-335.	7.6	35
162	Thermo-mechanical properties of innovative microcrystalline cellulose filled composites for art protection and restoration. Journal of Materials Science, 2014, 49, 2035-2044.	3.7	29

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163	Thermal, viscoelastic and mechanical behavior of polypropylene with synthetic boehmite alumina nanoparticles. Polymer Testing, 2014, 35, 92-100.	4.8	31
164	Reprocessing effects on polypropylene/silica nanocomposites. Journal of Applied Polymer Science, 2014, 131, .	2.6	18
165	Electrically pressure sensitive poly(vinylidene fluoride)/polypyrrole electrospun mats. RSC Advances, 2014, 4, 15749-15758.	3.6	99
166	Flexural and impact behaviour of carbon/basalt fibers hybrid laminates. Journal of Composite Materials, 2014, 48, 1121-1130.	2.4	65
167	Advances in damage mechanics of polymer composites. Composites Part B: Engineering, 2014, 65, 1.	12.0	7
168	Hybridization of short glass fiber polypropylene composites with nanosilica and graphite nanoplatelets. Journal of Reinforced Plastics and Composites, 2014, 33, 1682-1695.	3.1	28
169	The effect of compressive stress on the electrically resistivity of poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td	3.9	12
170	Polyaniline-coated coconut fibers: Structure, properties and their use as conductive additives in matrix of polyurethane derived from castor oil. Polymer Testing, 2014, 38, 18-25.	4.8	48
171	Expanded graphite nanoplatelets as coupling agents in glass fiber reinforced polypropylene composites. Composites Part A: Applied Science and Manufacturing, 2014, 66, 25-34.	7.6	37
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