

Silica Modified by Alcohol Polyoxyethylene Ether and S Achieve High Performance Rubber Composites Using th

Polymers

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Rheological properties and thermal stability of compatibilized polypropylene/untreated silica composites prepared by water injection extrusion process. <i>Polymer Bulletin</i> , 2018, 75, 5551-5566.	1.7	12
2	Amphiphilic comb-like pentablock copolymers of Pluronic L64 and poly(ethylene glycol)methyl ether methacrylate: synthesis by ATRP, self-assembly, and clouding behavior. <i>Iranian Polymer Journal (English Edition)</i> , 2018, 27, 297-306.	1.3	5
3	UV-curable Graphene-containing Systems: Recent Advances and Future Perspectives. <i>Current Graphene Science</i> , 2018, 2, 21-26.	0.5	0
4	Aromatic fluorocopolymers based on $\hat{I}\pm$ -(difluoromethyl)styrene and styrene: synthesis, characterization, and thermal and surface properties. <i>RSC Advances</i> , 2018, 8, 41836-41849.	1.7	5
5	The electrical conductance studies on the chicken-egg membrane in presence of alkali chlorides. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 187, 012011.	0.2	1
6	Critical temperature estimation method for triple-walled carbon nanotubes (CNTs)/epoxy resin composite material. <i>Journal of Chemical Engineering and Materials Science</i> , 2018, 9, 24-30.	1.9	0
7	Strategies for Improving Ocular Drug Bioavailability and Corneal Wound Healing with Chitosan-Based Delivery Systems. <i>Polymers</i> , 2018, 10, 1221.	2.0	82
8	Bioactive Nanoparticles for Cancer Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3877.	1.8	82
9	Polysaccharide Based Hybrid Materials. <i>Springer Briefs in Molecular Science</i> , 2018, , .	0.1	9
10	Polysaccharides-Based Hybrids with Graphene. <i>Springer Briefs in Molecular Science</i> , 2018, , 69-93.	0.1	1
11	Antibacterial blend polyvinylidene fluoride/polyethyleneimine membranes for salty oil emulsion separation. <i>European Polymer Journal</i> , 2018, 108, 542-553.	2.6	11
12	Effect of Calcium Chloride as a Coagulant on the Properties of ESBR/Silica Wet Masterbatch Compound. <i>Polymers</i> , 2018, 10, 1116.	2.0	6
13	Dimensional and Geometrical Errors in Vacuum Thermoforming Products: An Approach to Modeling and Optimization by Multiple Response Optimization. <i>Measurement Science Review</i> , 2018, 18, 113-122.	0.6	7
14	Thermomechanical properties of alumina-filled plasticized polylactic acid: Effect of alumina loading percentage. <i>Ceramics International</i> , 2018, 44, 22767-22776.	2.3	36
15	Study of apatite layer formation on SBF-treated chitosan composite thin films. <i>Polymer Testing</i> , 2018, 71, 173-181.	2.3	14
16	In situ prepared poly(DL-lactic acid)/silica nanocomposites: Study of molecular composition, thermal stability, glass transition and molecular dynamics. <i>Thermochimica Acta</i> , 2018, 669, 16-29.	1.2	23
17	Constitutive model for shape memory polyurethane based on phase transition and one-dimensional non-linear viscoelastic. <i>Materials Today Communications</i> , 2018, 17, 133-139.	0.9	6
18	Effects of temperature on the fracture and fatigue damage of temperature sensitive hydrogels. <i>RSC Advances</i> , 2018, 8, 31048-31054.	1.7	10

#	ARTICLE	IF	CITATIONS
19	Preparation and characterization of dual-curable off-stoichiometric amine-epoxy thermosets with latent reactivity. <i>Polymer</i> , 2018, 146, 42-52.	1.8	33
20	Role of Intermolecular Forces on the Contact Angle of Vegetable Oil Droplets during the Cooling Process. <i>Scientific World Journal, The</i> , 2018, 2018, 1-8.	0.8	12
21	Tailoring poly(butylene 2,5-thiophenedicarboxylate) features by the introduction of adipic acid co-units: Biobased and biodegradable aliphatic/aromatic polyesters. <i>Polymer</i> , 2018, 145, 11-20.	1.8	23
22	Biopolymers: Applications in wound healing and skin tissue engineering. <i>Molecular Biology Reports</i> , 2018, 45, 2857-2867.	1.0	232
23	Magnetic field-assisted alignment of graphene oxide nanosheets in a polymer matrix to enhance ionic conduction. <i>Journal of Membrane Science</i> , 2018, 563, 259-269.	4.1	27
24	Nanosilica modified by polydimethylsiloxane depolymerized and chemically bound to nanoparticles or physically bound to unmodified or modified surfaces: Structure and interfacial phenomena. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 273-282.	5.0	18
25	Experimental and analytical flexural performances of reinforced concrete beams strengthened with post-tensioned near surface mounted basalt composite laminates. <i>Composites Part B: Engineering</i> , 2019, 157, 47-57.	5.9	5
26	Sulphur functionalized materials for Hg(II) adsorption: A review. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103350.	3.3	79
27	Green Development of Polymeric Dummy Artificial Receptors with Affinity for Amide-Based Pharmaceutical Impurities. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15445-15451.	3.2	13
28	Liquid salts as eco-friendly solvents for atom transfer radical polymerization: a review. <i>Polymer Chemistry</i> , 2019, 10, 4904-4913.	1.9	15
29	Competitive pseudo-ELISA based on molecularly imprinted nanoparticles for microcystin-LR detection in water. <i>Pure and Applied Chemistry</i> , 2019, 91, 1593-1604.	0.9	7
30	Graphene and carbon nanotube reinforced epoxy nanocomposites: A review. <i>Polymer</i> , 2019, 180, 121724.	1.8	135
31	Chitosan for direct bioflocculation of wastewater. <i>Environmental Chemistry Letters</i> , 2019, 17, 1603-1621.	8.3	90
32	The effect of barrier properties of polymeric films on the shelf-life of vacuum packaged fresh pork meat. <i>Meat Science</i> , 2019, 158, 107880.	2.7	18
33	Freeze-extraction microporous electroactive supports for cell culture. <i>European Polymer Journal</i> , 2019, 119, 531-540.	2.6	4
34	Thermal Hyperactivation and Stabilization of β -Galactosidase from <i>Bacillus circulans</i> through a Silica Sol-Gel Process Mediated by Chitosan-Metal Chelates. <i>ACS Applied Bio Materials</i> , 2019, 2, 3380-3392.	2.3	8
35	Chitosan-cellulose particles as delivery vehicles for limonene fragrance. <i>Industrial Crops and Products</i> , 2019, 139, 111407.	2.5	31
36	Highly sensitive H ₂ O ₂ sensor based on poly(azure A)-platinum nanoparticles deposited on activated screen printed carbon electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126878.	4.0	40

#	ARTICLE	IF	CITATIONS
37	Objects impact effect on thermal fatigue life of unidirectional T700 Carbon Fiber/Epoxy. Journal of Chemical Engineering and Materials Science, 2019, 10, 1-9.	1.9	0
38	Preparation of Magnetic Chitosan Beads for Heavy Metal Ions Removal from Water. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012004.	0.2	6
39	Effects of magnesium hydroxide on the properties of starch/plant fiber composites with foam structure. RSC Advances, 2019, 9, 17405-17413.	1.7	5
40	Catalytic Activity of Composite Track-Etched Membranes Based on Copper Nanotubes in Flow and Static Modes. Petroleum Chemistry, 2019, 59, 552-557.	0.4	10
41	Genetic similarity of biological samples to counter bio-hacking of DNA-sequencing functionality. Scientific Reports, 2019, 9, 8684.	1.6	2
42	Chemical activation of porous diatomite ceramic filter for the adsorption of TMA, H ₂ S, CH ₃ COOH and NH ₃ : Isotherm and kinetic studies. Journal of Environmental Chemical Engineering, 2019, 7, 103481.	3.3	19
43	Designing novel epoxy-terminated polybutadiene to construct chemical interface between nanosilica and rubbers with green nature. Composites Part B: Engineering, 2019, 178, 107451.	5.9	24
44	Development of Poly (vinylidene fluoride) and Polyaniline blend with high dielectric permittivity, excellent electromagnetic shielding effectiveness and Ultra low optical energy band gap: Effect of ionic liquid and temperature. Polymer, 2019, 181, 121759.	1.8	38
45	Trojan Bio-Hacking of DNA-Sequencing Pipeline. , 2019, , .		1
46	Biopolyphenolics in textile. , 2019, , 159-183.		3
47	Rubber accelerated ageing life prediction by Peck model considering initial hardness influence. Polymer Testing, 2019, 80, 106132.	2.3	18
49	Light-induced reversible phase transition in polyvinylidene fluoride-based nanocomposites. SN Applied Sciences, 2019, 1, 1.	1.5	30
50	Ecofriendly Method to Dissolve Chitosan in Plain Water. ACS Biomaterials Science and Engineering, 2019, 5, 6355-6360.	2.6	21
51	Polymeric siRNA gene delivery " transfection efficiency versus cytotoxicity. Journal of Controlled Release, 2019, 316, 263-291.	4.8	58
52	Characterization of PVC-based polymer inclusion membranes with phosphonium ionic liquids. Journal of Thermal Analysis and Calorimetry, 2019, 138, 4437-4443.	2.0	9
53	Modeling of pVT behavior of semi-crystalline polymer based on the two-domain Tait equation of state for injection molding. Materials and Design, 2019, 183, 108149.	3.3	34
54	Fragmentation model for the tensile response of unidirectional composites based on the critical number of fiber breaks and the correction of the fiber-matrix interfacial strength.. Latin American Journal of Solids and Structures, 2019, 16, .	0.6	2
55	HPMA-Based Nanoparticles for Fast, Bioorthogonal iEDDA Ligation. Biomacromolecules, 2019, 20, 3786-3797.	2.6	9

#	ARTICLE	IF	CITATIONS
56	An Overview on 3D Printing Technology: Technological, Materials, and Applications. <i>Procedia Manufacturing</i> , 2019, 35, 1286-1296.	1.9	887
57	Nanoporous furfuryl-imine-chitosan fibers as a new pathway towards eco-materials for CO ₂ adsorption. <i>European Polymer Journal</i> , 2019, 120, 109214.	2.6	23
58	Effect of beading parameters on cross-linked chitosan adsorptive properties. <i>Reactive and Functional Polymers</i> , 2019, 144, 104354.	2.0	31
59	Colorless PI structure design and evaluation for achieving low CTE target. <i>Materials Today Communications</i> , 2019, 21, 100562.	0.9	22
60	Synthesis and Characterization of Polyvinylidene-fluoride (PVDF) Nanofiber for Application as Piezoelectric Force Sensor. <i>Materials Today: Proceedings</i> , 2019, 18, 1450-1458.	0.9	24
61	Novel pectin isolated from <i>Spirulina maxima</i> enhances the disease resistance and immune responses in zebrafish against <i>Edwardsiella piscicida</i> and <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2019, 94, 558-565.	1.6	27
62	Electrokinetic remediation of antibiotic-polluted soil with different concentrations of tetracyclines. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8212-8225.	2.7	15
63	Fabrication of reinforced hydrophobic coatings for the protection of silk fabric. <i>Textile Research Journal</i> , 2019, 89, 3811-3824.	1.1	4
64	Preparation and anticoagulant activity of functionalised silk fibroin. <i>Chemical Engineering Science</i> , 2019, 199, 240-248.	1.9	9
65	Enhancement of thermal, mechanical and physical properties of polyamide 12 composites via hybridization of ceramics for bone replacement. <i>Materials Science and Engineering C</i> , 2019, 99, 719-725.	3.8	5
66	New crosslinked poly(ionic liquids) networks as As(V) extractants. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103154.	3.3	1
67	Time-temperature-transformation (TTT) diagram of dual-curable epoxy thermosets obtained via two sequential epoxy-amine condensations. <i>Thermochimica Acta</i> , 2019, 678, 178305.	1.2	6
68	A facile method to fabricate thermo- and pH-sensitive hydrogels with good mechanical performance based on poly(ethylene glycol) methyl ether methacrylate and acrylic acid as a potential drug carriers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1375-1398.	1.9	24
69	Removal of a non-steroidal anti-inflammatory by adsorption on polypyrrole/multiwalled carbon nanotube composite—Study of kinetics and equilibrium in aqueous medium. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 578, 123583.	2.3	27
70	Sustainable Agriculture Reviews 36. <i>Sustainable Agriculture Reviews</i> , 2019, , .	0.6	12
71	Chitosan for Direct Bioflocculation Processes. <i>Sustainable Agriculture Reviews</i> , 2019, , 335-380.	0.6	7
72	Hydrophobically associating polymers for enhanced oil recovery – Part A: A review on the effects of some key reservoir conditions. <i>Journal of Petroleum Science and Engineering</i> , 2019, 180, 681-698.	2.1	77
73	Effect of silica nanoparticles on mechanical and thermal properties of neat epoxy and filament wounded E-glass/epoxy and basalt/epoxy composite tubes. <i>Materials Research Express</i> , 2019, 6, 0850e2.	0.8	21

#	ARTICLE	IF	CITATIONS
74	Superhydrophobic Coatings Prepared by the in Situ Growth of Silicone Nanofilaments on Alkali-Activated Geopolymers Surface. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22809-22816.	4.0	38
75	Preparation of Molecularly Imprinted Adsorbents with Improved Retention Capability of Polyphenols and Their Application in Continuous Separation Processes. <i>Chromatographia</i> , 2019, 82, 893-916.	0.7	12
76	Surface Modification by Polyzwitterions of the Sulfobetaine-Type, and Their Resistance to Biofouling. <i>Polymers</i> , 2019, 11, 1014.	2.0	25
77	Superhydrophobic PVDF nanofibre membranes coated with an organic fouling resistant hydrophilic active layer for direct-contact membrane distillation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 575, 363-372.	2.3	44
78	Modeling the thermomechanical behaviors of particle reinforced shape memory polymer composites. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	11
79	Theoretical insight into plasma deposition of laccase bio-coating formation. <i>Journal of Materials Science</i> , 2019, 54, 10746-10763.	1.7	14
80	Nanoparticle Reinforced Polymers. <i>Polymers</i> , 2019, 11, 625.	2.0	22
81	A study of gamma attenuation property of UHMWPE/Bi ₂ O ₃ nanocomposites. <i>Chemical Physics</i> , 2019, 523, 92-98.	0.9	51
82	Solution Mechanochemical Approach for Preparing High-Dispersion SiO ₂ -SSBR and the Performance of Modified Silica/SSBR Composites. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 7146-7155.	1.8	21
83	Reducing leakage current and dielectric losses of electroactive polymers through electro-annealing for high-voltage actuation. <i>RSC Advances</i> , 2019, 9, 12823-12835.	1.7	17
84	A versatile method for the synthesis of poly(glycolic acid): high solubility and tunable molecular weights. <i>Polymer Journal</i> , 2019, 51, 637-647.	1.3	28
85	The effect of a trimetallic nanocomposite in the solar absorber layer of organic solar cells. <i>RSC Advances</i> , 2019, 9, 6070-6076.	1.7	17
86	Structural, Optical and Electrical Studies on Hybrid Material of In Situ Formed Silver sulfide in Polymer Blend Matrix. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019, 29, 1466-1475.	1.9	8
87	Inhibition of <i>Streptococcus mutans</i> (ATCC 25175) biofilm formation on eugenol-impregnated surgical sutures. <i>African Journal of Microbiology Research</i> , 2019, 13, 168-175.	0.4	0
88	Water vapor sorption-desorption hysteresis in glassy surface films of mucins investigated by humidity scanning QCM-D. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 289-300.	5.0	18
89	Hard epoxy thermosets obtained via two sequential epoxy-amine condensations. <i>European Polymer Journal</i> , 2019, 116, 222-231.	2.6	15
90	Recent developments in edge-selective functionalization of surface of graphite and derivatives – a review. <i>Soft Materials</i> , 2019, 17, 448-466.	0.8	15
91	The Effect of Thermal Shock Cycling on Low Velocity Impact Behavior of Carbon Fiber Reinforced Epoxy Composites. <i>Journal of Dynamic Behavior of Materials</i> , 2019, 5, 161-169.	1.1	10

#	ARTICLE	IF	CITATIONS
92	Recent development of electro-responsive smart electrorheological fluids. <i>Soft Matter</i> , 2019, 15, 3473-3486.	1.2	107
93	A comprehensive approach for human hand evaluation of split or large set of fabrics. <i>Textile Research Journal</i> , 2019, 89, 4239-4252.	1.1	6
94	Application of deep eutectic solvents in biomass pretreatment and conversion. <i>Green Energy and Environment</i> , 2019, 4, 95-115.	4.7	278
95	Route towards sustainable smart sensors: ferroelectric polyvinylidene fluoride-based materials and their integration in flexible electronics. <i>Chemical Society Reviews</i> , 2019, 48, 1787-1825.	18.7	226
96	Structural analysis of wing ribs obtained by additive manufacturing. <i>Rapid Prototyping Journal</i> , 2019, 25, 708-720.	1.6	10
97	Influence of iron-aluminum alloy on the tribological performance of non-asbestos brake friction materials – a solution for copper replacement. <i>Industrial Lubrication and Tribology</i> , 2019, 72, 66-78.	0.6	22
98	Methodology for the additive manufacture of embedded conductive paths connecting microelectromechanical sensors using conductive and flexible filaments with extrusion devices. <i>Rapid Prototyping Journal</i> , 2019, 26, 349-359.	1.6	3
100	Fatigue Life Enhancement for Steel Girders Using Ultra-High Modulus Carbon Fiber-Reinforced Polymer. , 2019, , .		1
101	A review of biodegradable films from industrial by-products for food packaging. <i>International Journal of Environmental Engineering</i> , 2019, 10, 157.	0.1	0
103	Effect of thermal degradation on rheological properties of polymeric materials. <i>MATEC Web of Conferences</i> , 2019, 299, 06001.	0.1	0
104	Rheological Behaviour of PP Nanocomposites by Extrusion Process. <i>Procedia Manufacturing</i> , 2019, 38, 1516-1523.	1.9	1
105	Shear strength of food packaging plastic wastes as liner material. <i>Journal of Physics: Conference Series</i> , 2019, 1349, 012023.	0.3	1
106	Antibacterial activity of chitosan/PAN blend prepared at different ratios. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	4
107	Assessment of the hepatoprotective effect of developed lipid-polymer hybrid nanoparticles (LPHNPs) encapsulating naturally extracted Î²-Sitosterol against CCl4 induced hepatotoxicity in rats. <i>Scientific Reports</i> , 2019, 9, 19779.	1.6	38
108	Exploration of Chitinous Scaffold-Based Interfaces for Glucose Sensing Assemblies. <i>Polymers</i> , 2019, 11, 1958.	2.0	12
109	Meta-Analysis of Pharmacokinetic Studies of Nanobiomaterials for the Prediction of Excretion Depending on Particle Characteristics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 405.	2.0	7
110	Impact of Nanostructured Lipid Carriers as an Artificial Tear Film in a Rabbit Evaporative Dry Eye Model. <i>Cornea</i> , 2019, 38, 485-491.	0.9	20
112	Experimental validation of theoretical models for hypercube models made by fused deposition modelling technology. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 5951-5961.	0.7	2

#	ARTICLE	IF	CITATIONS
113	Dual-electrochromic polymer bearing oligoaniline and viologen pendants: Synthesis and properties. <i>European Polymer Journal</i> , 2019, 111, 43-48.	2.6	12
115	The addition of copper accelerates the corrosion of steel via impeding biomineralized film formation of <i>Bacillus subtilis</i> in seawater. <i>Corrosion Science</i> , 2019, 149, 153-163.	3.0	21
116	Cu-Releasing Bioactive Glass Coatings and Their in Vitro Properties. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 5812-5820.	4.0	49
117	Composition design and medical application of liposomes. <i>European Journal of Medicinal Chemistry</i> , 2019, 164, 640-653.	2.6	367
118	Use of electrospinning technique to produce nanofibres for food industries: A perspective from regulations to characterisations. <i>Trends in Food Science and Technology</i> , 2019, 85, 92-106.	7.8	79
119	Comparative study of magnetite nanoparticles obtained by pulsed laser ablation in water and air. <i>Applied Surface Science</i> , 2019, 467-468, 402-410.	3.1	41
120	Structural characteristics and hepatoprotective potential of <i>Aralia elata</i> root bark polysaccharides and their effects on SCFAs produced by intestinal flora metabolism. <i>Carbohydrate Polymers</i> , 2019, 207, 256-265.	5.1	51
121	Applications of polystyrene/graphite composites in water purification as a semiconductor visible-light photocatalyst for organic pollutant degradation. <i>Egyptian Journal of Aquatic Research</i> , 2019, 45, 19-23.	1.0	7
122	Polysilazane-based coatings: corrosion protection and anti-graffiti properties. <i>Surface Engineering</i> , 2019, 35, 343-350.	1.1	30
123	A fractional calculus approach to study mechanical relaxations on hybrid films of Fe ₂ O ₃ nanoparticles and polyvinyl butyral. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 113-124.	2.0	6
124	Evaluation of the protective performance of hydrophobic coatings applied on carbon-fibre epoxy composites. <i>Journal of Composite Materials</i> , 2020, 54, 1327-1338.	1.2	6
125	Theoretical study on the interactions between silica and the products of 3-mercaptopropyltriethoxysilane (MPTS) with different hydrolysis degrees. <i>Applied Surface Science</i> , 2020, 502, 143853.	3.1	9
126	Response surface modeling and optimization of electrodialysis for reclamation of RO concentrates in coal-fired power plants. <i>Separation Science and Technology</i> , 2020, 55, 2593-2603.	1.3	8
127	Electrical, optical, and mechanical percolations of multi-walled carbon nanotube and carbon mesoporous-doped polystyrene composites. <i>Journal of Composite Materials</i> , 2020, 54, 31-44.	1.2	14
128	Controlled Delivery of Brain Derived Neurotrophic Factor and Gold-Nanoparticles from Chitosan/TPP Nanoparticles for Tissue Engineering Applications. <i>Journal of Cluster Science</i> , 2020, 31, 99-108.	1.7	23
129	Synthesis of fluorescent carbon quantum dots (CQDs) through the mild thermal treatment of agro-industrial residues assisted by γ -alumina. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 1301-1312.	2.9	10
130	Energy recovery of glued wood waste – A review. <i>Fuel</i> , 2020, 262, 116520.	3.4	43
131	Odor in textiles: A review of evaluation methods, fabric characteristics, and odor control technologies. <i>Textile Research Journal</i> , 2020, 90, 1157-1173.	1.1	31

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132	Polymeric films containing pomegranate peel extract based on PVA/starch/PAA blends for use as wound dressing: In vitro analysis and physicochemical evaluation. <i>Materials Science and Engineering C</i> , 2020, 109, 110643.	3.8	48
133	A slip-link model for rheology of entangled polymer melts with crystallization. <i>Journal of Rheology</i> , 2020, 64, 213-222.	1.3	12
134	Preparation of Fluorine-Free Superhydrophobic Cotton Fabric with Polyacrylate/SiO ₂ Nanocomposite. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2292-2300.	0.9	8
135	Preparation and characterization of hydrogel nanocomposite based on nanocellulose and acrylic acid in the presence of urea. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 187-193.	3.6	44
136	Allotrope carbon materials in thermal interface materials and fuel cell applications: A review. <i>International Journal of Energy Research</i> , 2020, 44, 2471-2498.	2.2	32
137	Bio-reserves inventory "improving substrate management for anaerobic waste treatment in a fast-growing Indian urban city, Chennai. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29749-29765.	2.7	5
138	Thermal Expansion Behavior of Poly(amide-imide) Films with Ultrahigh Tensile Strength and Ultralow CTE. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020, 38, 748-758.	2.0	27
139	Engineering critical nanoscale design parameters (CNDPs): A strategy for developing effective nanomedicine therapies and assessing quantitative nanoscale structure-activity relationships (QNSARs). , 2020, , 3-47.		4
140	Structure architecture and morphology changes study in nylon 6/12 copolymers through anionic copolymerization via Response Surface Methodology modeling. <i>Polymer</i> , 2020, 188, 122093.	1.8	5
141	Ultrasound-Assisted Method for Preparation of Ag ₂ S Nanostructures: Fabrication of Au/Ag ₂ S-PVA/n-Si Schottky Barrier Diode and Exploring Their Electrical Properties. <i>Journal of Electronic Materials</i> , 2020, 49, 444-453.	1.0	23
142	Comparative evaluation of <i>Clusia multiflora</i> wood flour, against mineral fillers, as reinforcement in SBR rubber composites. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 13-23.	1.3	5
143	Characterization of Water Binding Properties of Apple Pectin Modified by Instant Controlled Pressure Drop Drying (DIC) by LF-NMR and DSC Methods. <i>Food and Bioprocess Technology</i> , 2020, 13, 265-274.	2.6	8
144	Surface modification effects on the thermal stability of cellulose nanostructures obtained from lignocellulosic residues. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 1263-1277.	2.0	9
146	Electrospun polyvinylidene fluoride/polyacrylonitrile composite fibers: fabrication and characterization. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 37-46.	1.3	20
147	Lignin-Inspired Surface Modification of Nanocellulose by Enzyme-Catalyzed Radical Coupling of Coniferyl Alcohol in Pickering Emulsion. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1185-1194.	3.2	17
148	Natural rubber-graft-poly(2-hydroxyethyl acrylate) on cure characteristics and mechanical properties of silica-filled natural rubber composites. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48738.	1.3	5
149	Cyclopentadithiophene and Diketo-pyrrolo-pyrrole fused rigid copolymer for high optical contrast electrochromic polymer. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	6
150	Application of PVDF-[BMIM][PF6] blends as the active material in screen-printed interdigital capacitors for temperature sensing. <i>Smart Materials and Structures</i> , 2020, 29, 025008.	1.8	2

#	ARTICLE	IF	CITATIONS
151	Studies and properties of styrene/butadiene/β-(methacryloxypropyl) trimethoxy silane copolymer emulsion at room temperature. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 319-325.	1.2	1
152	Biosourced heat resistant coatings by cross-linking of proteins with triethyl phosphate. Progress in Organic Coatings, 2020, 138, 105403.	1.9	7
153	Self-healing composite coatings with protective and anticorrosion potentials: classification by healing mechanism. , 2020, , 123-162.		1
154	Development, characterization and antimicrobial activity of sodium dodecyl sulfate-polysaccharides capsules containing eugenol. Carbohydrate Polymers, 2020, 230, 115562.	5.1	8
155	A Quick Responsive Chitosan-β-Oxine Based Thin Film to Recognize and Remove Zn 2+ Ions from Potable Water. ChemistrySelect, 2020, 5, 11096-11105.	0.7	0
156	Alginate-gelatin bioink for bioprinting of hela spheroids in alginate-gelatin hexagon shaped scaffolds. Polymer Bulletin, 2021, 78, 6115-6135.	1.7	26
157	Facile synthesis and characterization of renewable dimer acid-based urethane acrylate oligomer and its utilization in UV-curable coatings. Progress in Organic Coatings, 2020, 149, 105946.	1.9	22
158	Characterization of β-PVDF-based nanogenerators along with Fe2O3 NPs for piezoelectric energy harvesting. Journal of Materials Science: Materials in Electronics, 2020, 31, 19146-19158.	1.1	10
159	Preparation of a novel synergistic flame retardant and its application in silicone rubber composites. Fire and Materials, 2020, 44, 1135-1148.	0.9	5
160	Enhancement of electrochemical detection of Pb2+ by sensor based on track-etched membranes modified with interpolyelectrolyte complexes. Journal of Materials Science: Materials in Electronics, 2020, 31, 20368-20377.	1.1	28
161	Current Developments in 3D Bioprinting for Tissue and Organ Regeneration – A Review. Frontiers in Mechanical Engineering, 2020, 6, .	0.8	91
162	Cold atmospheric pressure plasma treatment for adhesion improvement on polypropylene surfaces. Surface and Coatings Technology, 2020, 403, 126389.	2.2	34
163	Determining the refractive index and the dielectric constant of PPDT2FBT thin film using spectroscopic ellipsometry. Optical Materials, 2020, 110, 110445.	1.7	10
164	Techno-economic evaluation of biocomposites: A fracture analytical approach. Engineering Fracture Mechanics, 2020, 240, 107346.	2.0	9
165	Synthesis and evaluation of a novel fluorinated poly(hexafluoroisopropyl methacrylate) polymer coating for corrosion protection on aluminum alloy. Surface and Coatings Technology, 2020, 404, 126444.	2.2	12
166	X-ray photoelectron study on gold/nanocrystalline cellulose-graphene oxide thin film as surface plasmon resonance active layer for metal ion detection. Thin Solid Films, 2020, 713, 138340.	0.8	12
167	Recent advances in additive manufacturing of engineering thermoplastics: challenges and opportunities. RSC Advances, 2020, 10, 36058-36089.	1.7	46
168	Fabrication of water-resistance and durable antimicrobial adhesion polyurethane coating containing weakly amphiphilic poly(isobornyl acrylate) Side chains. Progress in Organic Coatings, 2020, 147, 105812.	1.9	19

#	ARTICLE	IF	CITATIONS
169	Integrated biorefinery approach to utilization of pulp and paper mill sludge for value-added products. <i>Journal of Cleaner Production</i> , 2020, 274, 122791.	4.6	28
170	Evaluation on the pressure distribution and body-shaping effectivity of graduated compression shaping pants. <i>International Journal of Clothing Science and Technology</i> , 2020, 33, 153-162.	0.5	1
171	Coupling and Reactions of Lignols and New Lignin Monomers: A Density Functional Theory Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 11033-11045.	3.2	12
172	Degradation of PLA Biocomposites Containing Mango Seed and Organo Montmorillonite Minerals. <i>Journal of Natural Fibers</i> , 2022, 19, 1783-1791.	1.7	10
173	Tailored PCL/Macaãba fiber to reach sustainable biocomposites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9691-9708.	2.6	30
174	Chondroinductive impact of polyethersulfone/benzyl hyaluronate nanofibrous scaffold on human mesenchymal stem cells. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2569-2578.	1.6	4
175	High Silica Content Graphene/Natural Rubber Composites Prepared by a Wet Compounding and Latex Mixing Process. <i>Polymers</i> , 2020, 12, 2549.	2.0	20
176	On Temperature-Related Shift Factors and Master Curves in Viscoelastic Constitutive Models for Thermoset Polymers. <i>Mechanics of Composite Materials</i> , 2020, 56, 573-590.	0.9	11
177	Nano Calcium Oxide Incorporated Hydrocolloid Dressings for Wound Care. <i>Journal of Pharmaceutical Innovation</i> , 2022, 17, 215-226.	1.1	11
178	Polymeric Nanoparticle-Based Vaccine Adjuvants and Delivery Vehicles. <i>Current Topics in Microbiology and Immunology</i> , 2020, 433, 29-76.	0.7	12
179	Preparation of certified reference materials for cotton fabric's dye transfer inhibition performance test of household washing machines. <i>Journal of Engineered Fibers and Fabrics</i> , 2020, 15, 155892502094116.	0.5	4
180	Broadside Pattern Correction Techniques for Conformal Antenna Arrays. , 2020, , .		5
181	A Perspective on PEF Synthesis, Properties, and End-Life. <i>Frontiers in Chemistry</i> , 2020, 8, 585.	1.8	110
182	An experimental methodology to analyse the structural behaviour of FDM parts with variable process parameters. <i>Rapid Prototyping Journal</i> , 2020, 26, 1615-1625.	1.6	23
183	Î²-Glycerol phosphate/genipin chitosan hydrogels: A comparative study of their properties and diclofenac delivery. <i>Carbohydrate Polymers</i> , 2020, 248, 116811.	5.1	35
184	Multifunctional jute fabrics obtained by different chemical modifications. <i>Cellulose</i> , 2020, 27, 8485-8502.	2.4	24
185	Stretchable silk fibroin hydrogels. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1371-1380.	3.6	22
186	Whole-process monitoring of sinkhole collapse based on distributed optical fiber strain-vibration joint system and its case study in railway subgrade. <i>Optical Fiber Technology</i> , 2020, 60, 102380.	1.4	11

#	ARTICLE	IF	CITATIONS
187	Mixed-culture polyhydroxyalkanoate (PHA) production integrated into a food-industry effluent biological treatment: A pilot-scale evaluation. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104469.	3.3	33
188	Concentrations differences of microalgal extracellular polymeric substances as edible coating in shelf-life extension of <i>Fragaria</i> spp.. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
189	Biodegradable double cross-linked chitosan hydrogels for drug delivery: Impact of chemistry on rheological and pharmacological performance. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2205-2218.	3.6	27
190	PEGylated Lipid Polymeric Nanoparticle Encapsulated Acyclovir for In Vitro Controlled Release and Ex Vivo Gut Sac Permeation. <i>AAPS PharmSciTech</i> , 2020, 21, 285.	1.5	22
191	Application of Nanomaterials in Biomedical Imaging and Cancer Therapy. <i>Nanomaterials</i> , 2020, 10, 1700.	1.9	216
192	Rheology-morphology relationships of new polymer-modified bitumen based on thermoplastic polyurethanes (TPU). <i>Construction and Building Materials</i> , 2020, 259, 120404.	3.2	41
193	Rheological Properties of Polyamide PA 2200 in SLS Technology. <i>Tehnicki Vjesnik</i> , 2020, 27, .	0.3	10
194	Superabsorbent polymer characteristics, properties, and Applications. , 2020, 3, e20074.		40
195	Identifying competitive tin- or metal-free catalyst combinations to tailor polyurethane prepolymer and network properties. <i>Polymer Chemistry</i> , 2020, 11, 5725-5734.	1.9	11
196	A Study on the Thermal Conductivity of Poly(lactic acid)/Alumina Composites: The Effect of the Filler Treatment. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 229-238.	0.9	3
197	The use of fluorescent protein-tagged carbohydrate-binding modules to evaluate the influence of drying on cellulose accessibility and enzymatic hydrolysis. <i>RSC Advances</i> , 2020, 10, 27152-27160.	1.7	9
198	Resistive network model of the weft-knitted strain sensor with the plating stitch-Part 1: Resistive network model under static relaxation. <i>Journal of Engineered Fibers and Fabrics</i> , 2020, 15, 155892502094456.	0.5	3
199	Study of heating curves generated by magnetite nanoparticles aiming application in magnetic hyperthermia. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 543-553.	0.7	6
200	The Effect of Polyglycols on the Fatigue Crack Growth of Silica-Filled Natural Rubber. <i>Advances in Polymer Science</i> , 2020, , 39-55.	0.4	2
201	Itaconate Based Elastomer as a Green Alternative to Styrene Butadiene Rubber for Engineering Applications: Performance Comparison. <i>Processes</i> , 2020, 8, 1527.	1.3	10
202	Phantom holes: optimised internal structural design for use with additive manufacturing, typical fused filament fabrication systems. <i>International Journal of Rapid Manufacturing</i> , 2020, 9, 137.	0.5	1
203	The Effects of Various Ratios of Hybrid Filler to Rubber Vulcanisates Properties Based on Passenger Car Tyre Tread Compounds. <i>Key Engineering Materials</i> , 0, 856, 169-174.	0.4	4
204	Characterization of Rheological Property of Mucoadhesive Polymeric Sol-Gel in the Presence of Black Ginger & Kaempferia parviflora Extract. <i>Key Engineering Materials</i> , 0, 859, 81-86.	0.4	1

#	ARTICLE	IF	CITATIONS
205	High Mass-Loading Sulfur-Composite Cathode for Lithium-Sulfur Batteries. <i>Frontiers in Energy Research</i> , 2020, 8, .	1.2	6
206	Whey proteins-folic acid complexes: Formation, isolation and bioavailability in a <i>Lactobacillus casei</i> model. <i>Food Structure</i> , 2020, 26, 100162.	2.3	9
207	Quality assessment of <i>Borassus aethiopum</i> Mart fruit pulp pectin precipitated with various solvents. <i>African Journal of Food Science</i> , 2020, 14, 222-232.	0.4	1
208	Lignocellulosic Natural Fibers in Polymer Composite Materials: Benefits, Challenges and Applications. , 2022, , 353-369.		4
209	The Effect of Irradiation Conditions on Photodegradation of a Impact Resistant Polyphenylene Sulfide-Based Composite. <i>Polymer Science - Series D</i> , 2020, 13, 353-357.	0.2	2
210	Improving Performance of Microbial Fuel Cell by Using Polyaniline-Coated Carbon Felt Anode. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020, 24, .	1.2	29
211	Improved properties of sulfonated octaphenyl polyhedral silsequioxane cross-link with highly sulfonated polyphenylsulfone as proton exchange membrane. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1185-1195.	1.2	6
212	Textile sensors for wearable applications: a comprehensive review. <i>Cellulose</i> , 2020, 27, 6103-6131.	2.4	122
213	Granulometric fractionation and micronization: A process for increasing soluble dietary fiber content and improving technological and functional properties of olive pomace. <i>LWT - Food Science and Technology</i> , 2020, 130, 109526.	2.5	35
214	Effects of Rutile TiO ₂ Nanoparticles on Accelerated Weathering Degradation of Poly(Lactic Acid). <i>Polymers</i> , 2020, 12, 1096.	2.0	19
215	Use of Biomaterials for 3D Printing by Fused Deposition Modeling Technique: A Review. <i>Frontiers in Chemistry</i> , 2020, 8, 315.	1.8	86
216	Potential of bioinspired cellulose nanomaterials and nanocomposite membranes thereof for water treatment and fuel cell applications. <i>Cellulose</i> , 2020, 27, 6719-6746.	2.4	45
217	Synthesis, characterization and antibacterial properties of novel cellulose acetate sorbate. <i>Carbohydrate Polymers</i> , 2020, 243, 116416.	5.1	20
218	Experimental and microscopic investigations of the performance of copolymer thickeners in supercritical CO ₂ . <i>Chemical Engineering Science</i> , 2020, 226, 115857.	1.9	6
219	Performance of Modified Mortar Containing Epoxy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 713, 012004.	0.3	1
220	Determining the wetting capacity of the chitosan coatings from <i>Ucides cordatus</i> and evaluating the shelf-life quality of <i>Scomberomorus brasiliensis</i> filets. <i>Food Control</i> , 2020, 116, 107329.	2.8	12
221	A Novel Synthesis of Poly(Ester-Alt-Selenide)s by Ring-Opening Copolymerization of ̢-Selenobutyrolactone and Epoxy Monomer. <i>Polymers</i> , 2020, 12, 1203.	2.0	8
222	Promoting the dispersibility of silica and interfacial strength of rubber/silica composites prepared by latex compounding. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49526.	1.3	9

#	ARTICLE	IF	CITATIONS
223	Poly(lactic acid)/gelatin foams by non-solvent induced phase separation for biomedical applications. <i>Polymer Degradation and Stability</i> , 2020, 177, 109187.	2.7	17
224	Poly(<i>N</i> -isopropyl acrylamide)-poly(ethylene glycol)-poly(<i>N</i> -isopropyl acrylamide) as a thermoreversible gelator for topical administration. <i>Materials Advances</i> , 2020, 1, 371-386.	2.6	18
225	Interfacial characteristics and thermo-mechanical properties of calcium carbonate/polystyrene nanocomposite. <i>Materials Chemistry and Physics</i> , 2020, 247, 122871.	2.0	17
226	Synthesis and characterization of a pH and photoresponsive copolymer of acrylamide and spiropyran. <i>Polymers for Advanced Technologies</i> , 2020, 31, 2545-2551.	1.6	12
227	Using Epoxidized Solution Polymerized Styrene-Butadiene Rubbers (ESSBRs) as Coupling Agents to Modify Silica without Volatile Organic Compounds. <i>Polymers</i> , 2020, 12, 1257.	2.0	14
228	Furfurylation result of Radiata pine depends on the solvent. <i>Wood Science and Technology</i> , 2020, 54, 929-942.	1.4	13
229	Biocompatibility and Functionalization of Nanomaterials. , 2020, , 85-103.		3
230	Measuring and multilevel fuzzy comprehensive predicting comfort parameters of soft materials by a new handle evaluation system. <i>Textile Research Journal</i> , 2020, 90, 2727-2744.	1.1	5
231	Thermal, Mechanical and Micromechanical Analysis of PLA/PBAT/POE-g-GMA Extruded Ternary Blends. <i>Frontiers in Materials</i> , 2020, 7, .	1.2	35
232	Biocomposites of Bio-Polyethylene Reinforced with a Hydrothermal-Alkaline Sugarcane Bagasse Pulp and Coupled with a Bio-Based Compatibilizer. <i>Molecules</i> , 2020, 25, 2158.	1.7	19
233	Pre-thermal treatment in binary solvent systems promoting β crystalline phase of electrospun poly(vinylidene fluoride) nanofibers. <i>Polymer International</i> , 2020, 69, 719-727.	1.6	3
234	A Current Overview of Scaffold-Based Bone Regeneration Strategies with Dental Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1288, 61-85.	0.8	17
235	Experimental Study of Flexural Behavior of Reinforced Concrete Beam Strengthened with Prestressed Textile-Reinforced Mortar. <i>Materials</i> , 2020, 13, 1137.	1.3	11
236	Ultratoughening of Biobased Polyamide 410. <i>ACS Omega</i> , 2020, 5, 5306-5317.	1.6	14
237	Self-healing composite hydrogel with antibacterial and reversible restorability conductive properties. <i>RSC Advances</i> , 2020, 10, 5050-5057.	1.7	34
238	A study on micromechanical methods for the analysis of composite materials. <i>Materials Today: Proceedings</i> , 2020, 26, 1096-1098.	0.9	1
239	Three-Dimensional Conformal Porous Microstructural Engineering of Textile Substrates with Customized Functions of Brick Materials and Inherent Advantages of Textiles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17967-17978.	4.0	19
240	Enhanced compatibility, morphology, rheological and mechanical properties of carboxylated acrylonitrile butadiene rubber/chloroprene rubber/graphene nanocomposites: effect of compatibilizer and graphene content. <i>RSC Advances</i> , 2020, 10, 11777-11790.	1.7	13

#	ARTICLE	IF	CITATIONS
241	Characterization of textural failure mechanics of strawberry fruit. Journal of Food Engineering, 2020, 282, 110016.	2.7	52
242	Smart polymer nanocomposites: A review. EXPRESS Polymer Letters, 2020, 14, 416-435.	1.1	50
243	Quaternary Ammonium-Based Gels with Varied Alkyl Chains for the Efficient Removal of Toxic Acid Orange 7. ChemistrySelect, 2020, 5, 7427-7438.	0.7	1
244	Potential of Natural Fibers in Composites for Ballistic Applications – A Review. Journal of Natural Fibers, 2022, 19, 1648-1658.	1.7	76
245	Nanostructured Chitosan/Maghemite Composites Thin Film for Potential Optical Detection of Mercury Ion by Surface Plasmon Resonance Investigation. Polymers, 2020, 12, 1497.	2.0	44
246	Computational studies of PEO3-NaClO4 based solid polymer electrolyte for Na-ion batteries. AIP Conference Proceedings, 2020, , .	0.3	1
247	Effects of polylactic acid antimicrobial films on preservation of Chinese rape. Packaging Technology and Science, 2020, 33, 461-468.	1.3	3
248	Fabrication and In-Vivo Study of Micro-Colloidal Zanthoxylum acanthopodium-Loaded Bacterial Cellulose as a Burn Wound Dressing. Polymers, 2020, 12, 1436.	2.0	22
249	Polymer synthesis in water and supercritical water. , 2020, , 1-29.		1
250	Fabrication and electrochemical characterization of lithium metal battery using IL-based polymer electrolyte and Ni-rich NCA cathode. Ionics, 2020, 26, 4835-4851.	1.2	17
251	Dual (magnetic and pH) stimuli-reversible Pickering emulsions based on poly(2-(dimethylamino)ethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Chemical Engineering, 2020, 8, 103715.	3.3	22
252	Recent developments in strontium-based biocomposites for bone regeneration. Journal of Artificial Organs, 2020, 23, 191-202.	0.4	23
253	Room temperature crystallization of amorphous polysiloxane using photodimerization. Chemical Science, 2020, 11, 3081-3088.	3.7	5
254	Sensitive Detection of Dengue Virus Type 2 E-Proteins Signals Using Self-Assembled Monolayers/Reduced Graphene Oxide-PAMAM Dendrimer Thin Film-SPR Optical Sensor. Scientific Reports, 2020, 10, 2374.	1.6	106
255	Influence of macromolecules conformation of chitosan on its graft polymerization with vinyl monomers and the copolymer properties. Carbohydrate Polymers, 2020, 235, 115954.	5.1	16
256	Synthesis of Amphiphilic Diblock Copolymer and Study of Their Self-assembly in Aqueous Solution. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 3045-3054.	1.9	2
257	Impact of unmodified (PGV) and modified (Cloisite20A) nanoclays into biodegradability and other properties of (bio)nanocomposites. Applied Clay Science, 2020, 186, 105453.	2.6	13
258	The use of aminated cotton fibers as an unconventional sorbent to remove anionic dyes from aqueous solutions. Cellulose, 2020, 27, 3957-3969.	2.4	18

#	ARTICLE	IF	CITATIONS
259	Synthesis of polymer composite materials and their biomedical applications. <i>Materials Today: Proceedings</i> , 2020, 30, 305-315.	0.9	27
260	Use of a predictive colour model for managing the colour appearance of two-colour woven fabrics. <i>Coloration Technology</i> , 2020, 136, 270-287.	0.7	0
261	The use of X-ray computed tomography for design and process modeling of aerospace composites: A review. <i>Materials and Design</i> , 2020, 190, 108553.	3.3	87
262	Fire Retardant Action of Layered Double Hydroxides and Zirconium Phosphate Nanocomposites Fillers in Polyisocyanurate Foams. <i>Fire Technology</i> , 2020, 56, 1755-1776.	1.5	3
263	<i>Galleria mellonella</i> Larvae as an <i>In Vivo</i> Model to Evaluate the Toxicity of Polymeric Nanocapsules. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 1486-1494.	0.9	12
264	Melt processing of polypropylene-grafted-maleic anhydride/Chitosan polymer blend functionalized with montmorillonite for the removal of lead ions from aqueous solutions. <i>Scientific Reports</i> , 2020, 10, 217.	1.6	30
265	Solution-Processed, Photo-Patternable Fluorinated Sol-Gel Hybrid Materials as a Bio-Fluidic Barrier for Flexible Electronic Systems. <i>Advanced Electronic Materials</i> , 2020, 6, 1901065.	2.6	6
266	Catalyst-free esterification of high amylose starch with maleic anhydride in 1-butyl-3-methylimidazolium chloride: The effect of amylose content on the degree of MA substitution. <i>Carbohydrate Polymers</i> , 2020, 234, 115892.	5.1	12
267	Microcarriers for Upscaling Cultured Meat Production. <i>Frontiers in Nutrition</i> , 2020, 7, 10.	1.6	119
268	Dendritic polymer spherulites: birefringence correlating with lamellae assembly and origins of superimposed ring bands. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	16
269	Significant enhancement of dielectric permittivity and percolation behaviour of $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ /poly(vinylidene fluoride) composites with different Sr doping concentrations. <i>RSC Advances</i> , 2020, 10, 2747-2756.	1.7	7
270	Effects of thermal annealing and solvent-induced crystallization on the structure and properties of poly(lactic acid) microfibrils produced by high-speed electrospinning. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 581-594.	2.0	17
271	New electrochemical laccase-based biosensor for dihydroxybenzene isomers determination in real water samples. <i>Journal of Water Process Engineering</i> , 2020, 34, 101150.	2.6	15
272	Quantitative and Selective Surface Plasmon Resonance Response Based on a Reduced Graphene Oxide-Polyamidoamine Nanocomposite for Detection of Dengue Virus E-Proteins. <i>Nanomaterials</i> , 2020, 10, 569.	1.9	63
273	Determination of Some Technological Properties of Injection Molded Pulverized-HDPE Based Composites Reinforced with Micronized Waste Tire Powder and Red Pine Wood Wastes. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1776-1794.	2.4	12
274	Trends in 3D Printing Processes for Biomedical Field: Opportunities and Challenges. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1345-1367.	2.4	110
275	Source apportionment of volatile organic compounds (VOCs) in vehicle cabins diffusing from interior materials. Part I: Measurements of VOCs in new cars in China. <i>Building and Environment</i> , 2020, 175, 106796.	3.0	22
276	Effect of a direct sulfonation reaction on the functional properties of thermally-crosslinked electrospun polybenzoxazine (PBz) nanofibers. <i>RSC Advances</i> , 2020, 10, 14198-14207.	1.7	20

#	ARTICLE	IF	CITATIONS
277	The Influence of Selected Selective Laser Sintering Technology Process Parameters on Stress Relaxation, Mass of Models, and Their Surface Texture Quality. 3D Printing and Additive Manufacturing, 2020, 7, 126-138.	1.4	27
278	Fatigue life prediction of tire sidewall using modified Arrhenius equation. Mechanics of Materials, 2020, 147, 103405.	1.7	19
279	Scalable fabrication of rechargeable photoactive cellulose nanofibrous membranes for efficient degradation of dyes. Cellulose, 2020, 27, 5285-5296.	2.4	10
280	Polyurea/polyaniline hybrid shell microcapsules loaded with isophorone diisocyanate for synergetic self-healing coatings. Progress in Organic Coatings, 2020, 145, 105684.	1.9	25
281	Preparation and characterisation of fire-resistant PNIPAAm/SA/AgNP thermosensitive network hydrogels and laminated cotton fabric used in firefighter protective clothing. Cellulose, 2020, 27, 5391-5406.	2.4	26
282	A novel synthesis of polybutadiene-based polyurethane binder and conductive graphene/polyurethane nanocomposites: a new approach to polybutadiene recycling. Polymer Bulletin, 2021, 78, 3651-3666.	1.7	11
283	Activated carbon in mixed-matrix membranes. Separation and Purification Reviews, 2021, 50, 1-31.	2.8	20
284	Self-healing corrosion inhibition coatings with pH-responsive activity by incorporation of nano cellulose in two pack epoxy polyamide system. Materials Today: Proceedings, 2021, 46, 5544-5549.	0.9	5
285	Controlled acetylation of kraft lignin for tailoring polyacrylonitrile-kraft lignin interactions towards the production of quality carbon nanofibers. Chemical Engineering Journal, 2021, 405, 126640.	6.6	13
286	Combining capillary electromigration with molecular imprinting techniques towards an optimal separation and determination. Talanta, 2021, 221, 121546.	2.9	18
287	Linking abiotic stress, plant metabolites, biostimulants and functional food. Annals of Applied Biology, 2021, 178, 169-191.	1.3	77
288	Biomimetic amphiphilic chitosan nanoparticles: Synthesis, characterization and antimicrobial activity. Carbohydrate Polymers, 2021, 254, 117299.	5.1	35
289	Thermal management of wearable and implantable electronic healthcare devices: Perspective and measurement approach. International Journal of Energy Research, 2021, 45, 1517-1534.	2.2	14
290	3D Polymer Based 1x4 Beam Splitter. Journal of Lightwave Technology, 2021, 39, 154-161.	2.7	21
291	Nanocellulose-based sustainable microwave absorbers to stifle electromagnetic pollution. , 2021, , 237-258.		10
292	Reviewing the recent advances in application of pectin for technical and health promotion purposes: From laboratory to market. Carbohydrate Polymers, 2021, 254, 117324.	5.1	84
293	Characteristics of hybrid chitosan/phospholipid-sterol, peptide coatings on plasma activated PEEK polymer. Materials Science and Engineering C, 2021, 120, 111658.	3.8	22
294	Mucoadhesive wafers for buccal delivery of probiotic bacteria: Mechanical properties and enumeration. Journal of Drug Delivery Science and Technology, 2021, 61, 102201.	1.4	4

#	ARTICLE	IF	CITATIONS
295	Coupling of RAFT polymerization and chemoselective post-modifications of elastin-like polypeptides for the synthesis of gene delivery hybrid vectors. <i>Polymer Chemistry</i> , 2021, 12, 226-241.	1.9	7
296	Nanocellulose in food packaging: A review. <i>Carbohydrate Polymers</i> , 2021, 255, 117479.	5.1	166
297	Design, synthesis, and biodistribution studies of new analogues of marine alkaloids: Potent inÂvitro and inÂvivo fungicidal agents against <i>Candida</i> spp.. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 113048.	2.6	11
298	Molecularly imprinted polymer-based electrochemical sensors for environmental analysis. <i>Biosensors and Bioelectronics</i> , 2021, 172, 112719.	5.3	149
299	Remotely Activated Nanoparticles for Anticancer Therapy. <i>Nano-Micro Letters</i> , 2021, 13, 11.	14.4	34
300	Can hexaferrite composites be used as a new artificial material for antenna applications?. <i>Ceramics International</i> , 2021, 47, 2615-2623.	2.3	22
301	Antimicrobial films containing hybrid systems aiming at packaging applications. <i>Polymer International</i> , 2021, 70, 628-635.	1.6	6
302	Mechanical and thermal properties of poly(lactic acid) plasticized with dibutyl maleate and fumarate isomers: Promising alternatives as biodegradable plasticizers. <i>European Polymer Journal</i> , 2021, 142, 110112.	2.6	33
303	Factors determining self-assembly of hyaluronan. <i>Carbohydrate Polymers</i> , 2021, 254, 117307.	5.1	7
304	Physical and abrasive wear behaviour of <i>Urena lobata</i> fiber-reinforced polymer composites. <i>Journal of Reinforced Plastics and Composites</i> , 2021, 40, 341-351.	1.6	10
305	Effects of fluctuating temperature in open raceway ponds on the biomass accumulation and harvest efficiency of <i>Spirulina</i> in large-scale cultivation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 20794-20802.	2.7	11
306	CO ₂ gas separation using mixed matrix membranes based on polyethersulfone/MIL-100(Al). <i>Open Chemistry</i> , 2021, 19, 307-321.	1.0	10
307	Mechanical properties and dissipation energy of carbon black/rubber composites. <i>Composites and Advanced Materials</i> , 2021, 30, 263498332110054.	0.5	5
308	Effect of various mechanical stretching time on polymorphism of polyvinylidene fluoride (PVDF) thin films. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
309	Effect of electron beam on the mechanical properties of jackfruit seed starch: Polyvinyl alcohol blend polymers. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
310	Simulation study of size and aggregation effect on colorimetric spherical gold nanoparticles. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
311	Pluronic-Coated Biogenic Gold Nanoparticles for Colon Delivery of 5-Fluorouracil: In vitro and Ex vivo Studies. <i>AAPS PharmSciTech</i> , 2021, 22, 64.	1.5	7
312	New Vegetable Oils with Different Fatty Acids on Natural Rubber Composite Properties. <i>Polymers</i> , 2021, 13, 1108.	2.0	11

#	ARTICLE	IF	CITATIONS
313	Study on the series resistance of crystal violet dye-based organic photovoltaic device in presence of single walled carbon nanotubes. <i>Indian Journal of Physics</i> , 2022, 96, 1423-1431.	0.9	1
314	Optimization and characterization of acrylonitrile/MAPE/nano-clay bamboo nanocomposites by response surface methodology. <i>Polymer Bulletin</i> , 2022, 79, 3031-3059.	1.7	9
315	Synthesis of poly(2-(methacryloyloxy) ethyl ferrocene carboxylate-co-glycidyl methacrylic acid)s and their anti-migration and burning rate catalytic properties. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 2445-2462.	2.0	2
316	Bioinspired materials and approaches for soft robotics. <i>MRS Bulletin</i> , 2021, 46, 345-349.	1.7	5
317	Synthesis and characterization of Chitosan-Catechol conjugates: Development and in vitro, in silico and in vivo evaluation of mucoadhesive pellets of lafutidine. <i>Journal of Bioactive and Compatible Polymers</i> , 2021, 36, 139-151.	0.8	3
318	Synergistic Effect by Polyethylene Glycol as Interfacial Modifier in Silane-Modified Silica-Reinforced Composites. <i>Polymers</i> , 2021, 13, 788.	2.0	4
319	Different Zn loading in Urea-Formaldehyde influences the N controlled release by structure modification. <i>Scientific Reports</i> , 2021, 11, 7621.	1.6	10
320	Integration of green nanotechnology with silica for corrosion inhibition. <i>Corrosion Reviews</i> , 2021, 39, 211-218.	1.0	4
321	Acid-base sensor based on sol-gel encapsulation of bromothymol blue in silica: application for milk spoilage detection. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 98, 568-579.	1.1	5
322	Effect of Trimethyl Chitosan with Different Degrees of Quaternization on the Properties of Tablets Prepared using Charged Model Drugs. <i>Walailak Journal of Science and Technology</i> , 2021, 18, .	0.5	0
323	The effect of silica modified by deep eutectic solvents on the properties of nature rubber/silica composites. <i>Journal of Elastomers and Plastics</i> , 2022, 54, 111-122.	0.7	3
324	THE EFFECT OF BANGGAI YAM (DIOSCOREA ALATA L.) MODIFICATION ON FILM CHARACTERISTICS AS A FILM COATING MATERIAL FOR MODIFIED RELEASE DOSAGE FORMS. <i>International Journal of Applied Pharmaceutics</i> , 0, , 106-110.	0.3	0
325	Reaction mechanisms of furfuryl alcohol polymer with wood cell wall components. <i>Holzforschung</i> , 2021, 75, 1150-1158.	0.9	13
327	New designed coupling agents for silica used in green tires with low VOCs and low rolling resistance. <i>Applied Surface Science</i> , 2021, 558, 149819.	3.1	35
328	A review of the effects of wood preservative impregnation on adhesive bonding and joint performance. <i>Journal of Adhesion Science and Technology</i> , 2022, 36, 1593-1617.	1.4	15
329	Electrochemical Behavior of Cellulose Nanofibrils Functionalized with Dicyanovinyl Groups. , 0, , .		0
330	Adjusting silica/rubber interfacial interactions and properties via the click reactions between liquid polybutadiene and silane. <i>Composites Science and Technology</i> , 2021, 213, 108903.	3.8	24
331	FORMULATION AND IN VITRO EVALUATION OF POLY-(D, L-LACTIDE-CO-GLYCOLIDE) (PLGA) NANOPARTICLES OF ELLAGIC ACID AND ITS EFFECT ON HUMAN BREAST CANCER, MCF-7 CELL LINE.. <i>International Journal of Current Pharmaceutical Research</i> , 0, , 56-62.	0.2	2

#	ARTICLE	IF	CITATIONS
332	Surface modification of silica micro-powder by titanate coupling agent and its utilization in PVC based composite. <i>Construction and Building Materials</i> , 2021, 307, 124933.	3.2	21
333	Fe-Al alloy for eco-friendly copper-free brake-pads. <i>Tribology International</i> , 2021, 163, 107156.	3.0	9
334	Application of Chitosan and Its Derivatives in Transdermal Drug Delivery. <i>Advances in Polymer Science</i> , 2021, , 411-446.	0.4	2
335	Investigation of optical properties and glass transition temperature of nano-epoxy matrix. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	2
336	AC and DC voltage electrowetting on ferroelectric polymer for low voltage applications. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
338	Synthesis and Characterization of Amphiphilic Diblock Copolymer by Reverse Iodine Transfer Polymerization (RITP). <i>Acta Chemica Iasi</i> , 2019, 27, 185-202.	0.1	1
339	Removal of methylene blue from wastewater using hydrogel nanocomposites: A review. <i>Nanomaterials and Nanotechnology</i> , 2021, 11, 184798042110394.	1.2	25
340	<sc>Post-polymerization</sc> modification of aromatic polyimides via Diels-Alder cycloaddition. <i>Journal of Polymer Science</i> , 2021, 59, 3161-3166.	2.0	1
341	Physico-chemical and piezoelectric characterization of electroactive nanofabrics based on functionalized graphene/talc nanolayers/PVDF for energy harvesting. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	5
342	Assessment of antimicrobial potential of substances isolated from some wastes of meat processing industry. <i>Potravinarstvo</i> , 2019, 13, 308-313.	0.5	2
343	Doğrudan Metanol Alkali Yakıt Hücresi Uygulamaları ve Açığa Çıkarılan Membran Performanslarının İzlenmesi. <i>Journal of Natural and Applied Sciences</i> , 0, , 709-716.	0.1	1
345	Physico-chemical and mechanical thermo-rheological characterization of three varieties of triticale starches. <i>Superficies Y Vacio</i> , 0, 32, 1-5.	0.2	0
346	Reduced graphene oxide / epoxy nanocomposites with enhanced dielectric, mechanical, thermomechanical and thermal properties. <i>Journal of Elastomers and Plastics</i> , 0, , 009524432110541.	0.7	2
347	Research Trends in the Development of Silk Fibroin Materials for Medical Devices. <i>Oleoscience</i> , 2020, 20, 549-556.	0.0	0
348	Research of Lightweight Structures for Sandwich Core Model. , 0, , .		0
349	Effect of flame retardant on the physical and mechanical properties of natural rubber and sugarcane bagasse composites. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	4
350	Synthesis and Applications of Hydrogels in Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1431-1446.	0.9	4
351	Advances in Tissue Engineering Approaches for Craniomaxillofacial Bone Reconstruction. , 0, , .		0

#	ARTICLE	IF	CITATIONS
352	Improvement of Mechanical and Biological Properties of PLA/HNT Scaffolds Fabricated by Foam Injection Molding: Skin Layer Effect and Laser Texturing. <i>International Polymer Processing</i> , 2021, 36, 564-576.	0.3	1
353	Evaluation of the mulch films biodegradation in soil: a methodological review. <i>Italian Journal of Agronomy</i> , 0, , .	0.4	6
354	Characterization of polylactic acid/thermoplastic polyurethane composite filaments manufactured for additive manufacturing with fused deposition modeling. <i>Journal of Thermoplastic Composite Materials</i> , 2023, 36, 1450-1471.	2.6	16
356	Preparation and characterization of starch-based nanocomposites reinforced by graphene oxide self-assembled on the surface of silane coupling agent modified cellulose nanocrystals. <i>International Journal of Biological Macromolecules</i> , 2022, 198, 187-193.	3.6	9
357	Physico-chemical and mechanical thermo-rheological characterization of three varieties of triticale starches. <i>Superficies Y Vacío</i> , 0, 32, 1-5.	0.2	0
358	Efficacy of carbon nanotubes and polydimethylsiloxane interlayer in augmenting the impact strength of glass fiber/epoxy composites. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 0, , 146442072210746.	0.7	0
359	A review of interfaces within solid-state electrolytes: fundamentals, issues and advancements. <i>Chemical Engineering Journal</i> , 2022, 437, 135179.	6.6	27
360	Comparative study on the properties of starch-based bioplastics incorporated with palm oil and epoxidized palm oil. <i>Polymers and Polymer Composites</i> , 2022, 30, 096739112210875.	1.0	5
361	Composite materials reinforced with fique fibers – a review. <i>Revista UIS Ingenierías</i> , 2022, 21, .	0.1	2
362	Thermodynamics of micellization and oil solubilization in block copolymers P85. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	2.0	0
363	Preparation of silica/natural rubber masterbatch using solution compounding. <i>Polymer</i> , 2022, 244, 124661.	1.8	15
364	Effects of polyethylene glycol on the flexibility of cold-setting melamine-urea-formaldehyde resin. <i>European Journal of Wood and Wood Products</i> , 2022, 80, 975-984.	1.3	5
365	TARGETED DRUG DELIVERY SYSTEM; NANOPARTICLE BASED COMBINATION OF CHITOSAN AND ALGINATE FOR CANCER THERAPY: A REVIEW. <i>International Journal of Applied Pharmaceutics</i> , 0, , 69-76.	0.3	2
366	Development of Cotton-Based Compression Stockings for Class II Compression Requirements. <i>Materials Circular Economy</i> , 2022, 4, 1.	1.6	1
367	The new functional filler TiO ₂ -SiO ₂ /polyhedral oligomeric hybrid silsesquioxane as a potential modifier of polyethylene. <i>Polimery</i> , 2021, 66, 602-610.	0.4	2
368	Numerical study of plasmonic absorption enhancement in silicon substrate with Ag/Au nanoparticle array. <i>Nanoscience and Technology</i> , 2022, , .	0.6	0
370	Emerging application of biochar as a renewable and superior filler in polymer composites. <i>RSC Advances</i> , 2022, 12, 13938-13949.	1.7	15
371	A brief review of nanoparticles-doped PEDOT:PSS nanocomposite for OLED and OPV. <i>Nanotechnology Reviews</i> , 2022, 11, 1870-1889.	2.6	14

#	ARTICLE	IF	CITATIONS
372	Gluten and starch mixing and pasting behaviour as affected by replacing sodium chloride with sodium replacers in wheat flour dough. <i>International Journal of Food Science and Technology</i> , 2022, 57, 5642-5649.	1.3	0
373	The Usage of Carbon-Based Filament Yarns in Different Forms in the Design of Textile Reinforced Concrete Structures. <i>Tekstil Ve Konfeksiyon</i> , 0, , .	0.3	0
374	Manufacturing, characterization, and degradation of a poly(lactic acid) warp-knitted spacer fabric scaffold as a candidate for tissue engineering applications. <i>Biomaterials Science</i> , 2022, 10, 3793-3807.	2.6	6
375	A Network Pharmacological Elucidation of the Systematic Treatment Activities and Mechanisms of the Herbal Drug FDY003 Against Esophageal Cancer. <i>Natural Product Communications</i> , 2022, 17, 1934578X2211053.	0.2	0
376	Cellulose as a polyol in the synthesis of bio-based polyurethanes with simultaneous film formation. <i>Cellulose</i> , 2022, 29, 6301-6322.	2.4	8
377	Bio-based Films and Coatings: Sustainable Polysaccharide Packaging Alternatives for the Food Industry. <i>Journal of Polymers and the Environment</i> , 2022, 30, 4023-4039.	2.4	5
378	Mechanical performances, in-vitro antibacterial study and bone stress prediction of ceramic particulates filled polyether ether ketone nanocomposites for medical applications. <i>Journal of Polymer Research</i> , 2022, 29, .	1.2	6
379	Analysis of CFRP Confined Concrete Cylinders by using ABAQUS Software. <i>Tikrit Journal of Engineering Science</i> , 2022, 29, 28-40.	0.2	3
380	The effect of partial replacement of maleic anhydride by itaconic acid in sebacic acid-based unsaturated polyester on its various properties. <i>Journal of Polymer Research</i> , 2022, 29, .	1.2	0
381	Macroscale time-dependent ionic liquid treatment effects on biphasic cellulose xerogels. <i>Cellulose</i> , 2022, 29, 8695-8704.	2.4	3
382	Development of a Nanoformulation for Oral Protein Administration: Characterization and Preclinical Orofacial Antinociceptive Effect. <i>AAPS PharmSciTech</i> , 2022, 23, .	1.5	1
383	Dissolvable zinc oxide nanoparticle-loaded wound dressing with preferential exudate absorption and hemostatic features. <i>Polymer Bulletin</i> , 2023, 80, 7491-7518.	1.7	3
384	A study of degradation mechanisms in PVDF-based photovoltaic backsheets. <i>Scientific Reports</i> , 2022, 12, .	1.6	10
385	One-step grafting reaction of thermoresponsive polymer brushes over silica nanoparticles. <i>Colloid and Polymer Science</i> , 2022, 300, 1087-1099.	1.0	1
386	Engineering the interface of organic/inorganic composite solid-state electrolyte by amino effect for all-solid-state lithium batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 628, 877-885.	5.0	12
387	Application of Lignin-Based Biomaterials in Textile Wastewater. <i>Sustainable Textiles</i> , 2022, , 75-99.	0.4	1
388	Strategies for Synthesis and Chemical Modifications of Chitosan-Based Nanocomposites: A Versatile Material with Extraordinary Potential for Diverse Applications. , 2022, , 53-78.		0
389	The Implication of Antimicrobial Peptides Against Bacteria and Their Clinical Aspects. , 2022, , 467-498.		0

#	ARTICLE	IF	CITATIONS
390	Applications of Nanotechnology in Preservation and Development of the Plants: A Look Back. , 2022, , 121-140.		0
391	Chitosan Uses in Cosmetics. Engineering Materials and Processes, 2022, , 377-404.	0.2	1
392	Graphene oxide-based nanofiltration membranes for separation of heavy metals. , 2023, , 231-288.		3
393	Structural evolution of in situ polymerized poly(L-lactic acid) nanocomposite for smart textile application. Scientific Reports, 2022, 12, .	1.6	1
394	Investigation on conductivity and optical properties for blend electrolytes based on iota-carrageenan and acacia gum with ethylene glycol. Journal of Materials Science: Materials in Electronics, 2022, 33, 21172-21188.	1.1	5
395	Enhancing electrical conductivity of gum ghatti-grafted poly(N-isopropyl acryl amide-co-acrylic acid) using CoFe ₂ O ₄ nanoparticles. Iranian Polymer Journal (English Edition), 2022, 31, 1551-1561.	1.3	1
396	The effect of eco-friendly chemical treatment on sisal fiber and its epoxy composites: thermal, mechanical, tribological and morphological properties. Cellulose, 2022, 29, 9055-9072.	2.4	8
397	Experimental Investigation on Dimensional Stability and Cutting Quality in Cutting Process of Sugar Palm Fiber Reinforced Unsaturated Polyester Composites with Laser Beam and Abrasive Water Jet Cutting Technologies. Fibers and Polymers, 2022, 23, 3179-3187.	1.1	1
398	Biomedical Applications. , 2022, , 155-189.		0
399	Multi-response Optimization of the Chemical Treatment Process Parameters Influencing the Tensile, Flexural, Compression, and Shear Properties of the Injection Moulded Green Composites. Journal of Polymers and the Environment, 2023, 31, 112-130.	2.4	7
400	Synergistic reinforcement of nanofillers in biocomposites developed by additive manufacturing techniques. Biomass Conversion and Biorefinery, 0, , .	2.9	1
401	Production, characterization, and optimization of starch-based biodegradable bioplastic from waste potato (<i>Solanum tuberosum</i>) peel with the reinforcement of false banana (<i>Ensete ventricosum</i>) fiber. Biomass Conversion and Biorefinery, 0, , .	2.9	6
402	Synergy of ball milling, microwave irradiation, and deep eutectic solvents for a rapid and selective delignification: walnut shells as model for lignin-enriched recalcitrant biomass. Biomass Conversion and Biorefinery, 0, , .	2.9	1
403	Modulation of the Bioactivity of Inorganic Nanomaterials by Controlling Nanobiointerface. , 2023, , 1-23.		0
404	E-glass/kenaf fibre reinforced thermoset composites filled with MCC and immersion in a different fluid. Scientific Reports, 2022, 12, .	1.6	3
405	Influence of MgO and ZnO nanofillers on morphology, structural, thermal and mechanical properties of polylactic acid films. Bulletin of Materials Science, 2022, 45, .	0.8	3
406	Effect of the aramid pulp on the physicochemical, viscoelastic properties and rheokinetics of polyurethanes. Journal of Polymer Research, 2023, 30, .	1.2	5
407	Fabrication of strawboard by a sustainable approach using agricultural waste biomass. Biomass Conversion and Biorefinery, 0, , .	2.9	0

#	ARTICLE	IF	CITATIONS
408	Investigation of the Therapeutic Effects of Palbociclib Conjugated Magnetic Nanoparticles on Different Types of Breast Cancer Cell Lines. Cellular and Molecular Bioengineering, 0, , .	1.0	1
409	The correlation of Li ⁺ Carrier Towards Imittance Conduction Properties on Alginate-PVA-LiNO ₃ Complexes-Based Solid Polymer Electrolytes System. Journal of Electronic Materials, 2023, 52, 4261-4268.	1.0	2
411	Applications and Challenges of 3D Printed Polymer Composites in the Emerging Domain of Automotive and Aerospace: A Converged Review. Journal of the Institution of Engineers (India): Series D, 2023, 104, 849-866.	0.6	5
412	Optically active pH-dependent colloids of silver nanoparticles capped by polygalacturonic acid. Journal of Nanoparticle Research, 2023, 25, .	0.8	0
413	Designing a Coupling Agent with Aliphatic Polyether Chain and Exploring Its Effect on Silica/Natural Rubber Nanocomposites under the Action of Non-Rubber Contents. Polymers, 2023, 15, 674.	2.0	3
414	Reinforcement mechanism of silica surface hydroxyl: The opposite effect. Applied Surface Science, 2023, 623, 157000.	3.1	4
415	Simultaneous Eco-friendly Bleaching and Retting Wastewater Treatment of Hemp Fiber with Ozone Application. Fibers and Polymers, 2023, 24, 57-72.	1.1	0
416	ESBR Nanocomposites Filled with Monodisperse Silica Modified with Si747: The Effects of Amount and pH on Performance. Polymers, 2023, 15, 981.	2.0	0
417	Lignin modification and valorization in medicine, cosmetics, environmental remediation and agriculture: a review. Environmental Chemistry Letters, 2023, 21, 2171-2197.	8.3	12
418	Scalable Supercapacitors. Springer Series in Materials Science, 2023, , 123-142.	0.4	1
419	Cyclodextrins and Cyclodextrin-Based Nanosponges for Anti-Cancer Drug and Nutraceutical Delivery. Biological and Medical Physics Series, 2023, , 597-629.	0.3	0