

# Yusuf Z Menciloglu

## List of Publications by Year in descending order

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137  
papers

5,115  
citations

101543

36  
h-index

98798

67  
g-index

142  
all docs

142  
docs citations

142  
times ranked

5976  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dispersion Polymerizations in Supercritical Carbon Dioxide. <i>Science</i> , 1994, 265, 356-359.	12.6	639
2	Tunable, Superhydrophobically Stable Polymeric Surfaces by Electrospinning. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5210-5213.	13.8	302
3	Palladium Nanoparticles by Electrospinning from Poly(acrylonitrile-co-acrylic acid)âˆ™PdCl <sub>2</sub> Solutions. Relations between Preparation Conditions, Particle Size, and Catalytic Activity. <i>Macromolecules</i> , 2004, 37, 1787-1792.	4.8	279
4	Effects of electrospinning parameters on polyacrylonitrile nanofiber diameter: An investigation by response surface methodology. <i>Materials &amp; Design</i> , 2008, 29, 34-44.	5.1	274
5	In vitro and in vivo degradation of non-woven materials made of poly(Î¼-caprolactone) nanofibers prepared by electrospinning under different conditions. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2005, 16, 1537-1555.	3.5	265
6	In vivo performance of antibiotic embedded electrospun PCL membranes for prevention of abdominal adhesions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 81B, 530-543.	3.4	216
7	Homogeneous free radical polymerizations in supercritical carbon dioxide: 2. Thermal decomposition of 2,2'-azobis(isobutyronitrile). <i>Macromolecules</i> , 1993, 26, 2663-2669.	4.8	166
8	Flagellenes: nanophase-separated, polymer-substituted fullerenes. <i>Chemistry of Materials</i> , 1992, 4, 1153-1157.	6.7	142
9	Halloysite Nanotubes/Polyethylene Nanocomposites for Active Food Packaging Materials with Ethylene Scavenging and Gas Barrier Properties. <i>Food and Bioprocess Technology</i> , 2017, 10, 789-798.	4.7	93
10	Antibacterial sustained-release coatings from halloysite nanotubes/waterborne polyurethanes. <i>Progress in Organic Coatings</i> , 2016, 101, 253-261.	3.9	82
11	The novel use of organo alkoxy silane for the synthesis of organicâ€“inorganic hybrid coatings. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 2143-2151.	3.1	77
12	Interfacially polymerized thin-film composite membranes: Impact of support layer pore size on active layer polymerization and seawater desalination performance. <i>Separation and Purification Technology</i> , 2019, 212, 438-448.	7.9	73
13	Synthesis and Characterization of Polymeric Linseed Oil Grafted Methyl Methacrylate or Styrene. <i>Macromolecular Bioscience</i> , 2004, 4, 649-655.	4.1	66
14	Engineering Chemistry of Electrospun Nanofibers and Interfaces in Nanocomposites for Superior Mechanical Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 1788-1793.	8.0	66
15	Modified poly(carboxylate ether)-based superplasticizer for enhanced flowability of calcined clay-limestone-gypsum blended Portland cement. <i>Cement and Concrete Research</i> , 2017, 101, 114-122.	11.0	62
16	Nano-engineered design and manufacturing of high-performance epoxy matrix composites with carbon fiber/selectively integrated graphene as multi-scale reinforcements. <i>RSC Advances</i> , 2016, 6, 9495-9506.	3.6	61
17	Time-of-flight secondary ion mass spectrometric analysis of polymer surfaces and additives. <i>Surface and Interface Analysis</i> , 1993, 20, 991-999.	1.8	58
18	Effects of solvent on TEOS hydrolysis kinetics and silica particle size under basic conditions. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 67, 351-361.	2.4	58

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19	Multifunctional 3D printing of heterogeneous hydrogel structures. <i>Scientific Reports</i> , 2016, 6, 33178.	3.3	58
20	Fabrication and characterization of temperature and pH resistant thin film nanocomposite membranes embedded with halloysite nanotubes for dye rejection. <i>Desalination</i> , 2018, 429, 20-32.	8.2	57
21	Carvacrol loaded halloysite coatings for antimicrobial food packaging applications. <i>Food Packaging and Shelf Life</i> , 2019, 20, 100300.	7.5	54
22	Polyurethaneurea-silica nanocomposites: Preparation and investigation of the structure-property behavior. <i>Polymer</i> , 2013, 54, 5310-5320.	3.8	53
23	Repeated self-healing of nano and micro scale cracks in epoxy based composites by tri-axial electrospun fibers including different healing agents. <i>RSC Advances</i> , 2015, 5, 73133-73145.	3.6	52
24	Fumed silica filled poly(dimethylsiloxane-urea) segmented copolymers: Preparation and properties. <i>Polymer</i> , 2011, 52, 4189-4198.	3.8	51
25	MWCNTs/P( <i>St-co-MA</i> ) Composite Nanofibers of Engineered Interface Chemistry for Epoxy Matrix Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 777-784.	8.0	50
26	Modeling 3D melt electrospinning writing by response surface methodology. <i>Materials and Design</i> , 2018, 148, 87-95.	7.0	49
27	Structural composites hybridized with epoxy compatible polymer/MWCNT nanofibrous interlayers. <i>Composites Science and Technology</i> , 2012, 72, 1639-1645.	7.8	46
28	Processing and properties of boron carbide (B <sub>4</sub> C) reinforced LDPE composites for radiation shielding. <i>Ceramics International</i> , 2020, 46, 343-352.	4.8	46
29	Monitoring the interface and bulk self-healing capability of tri-axial electrospun fibers in glass fiber reinforced epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 99, 221-232.	7.6	44
30	Tailoring viscoelastic response, self-heating and deicing properties of carbon-fiber reinforced epoxy composites by graphene modification. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 106, 1-10.	7.6	44
31	Effect of filler amount on thermoelastic properties of poly(dimethylsiloxane) networks. <i>Polymer</i> , 2005, 46, 4127-4134.	3.8	43
32	Improvement in gas permeability of biaxially stretched PET films blended with high barrier polymers: The role of chemistry and processing conditions. <i>European Polymer Journal</i> , 2010, 46, 226-237.	5.4	43
33	Synthesis and SANS Structural Characterization of Polymer-Substituted Fullerenes (Flagellenes). <i>Macromolecules</i> , 1995, 28, 6000-6006.	4.8	42
34	Nonisocyanate based polyurethane/silica nanocomposites and their coating performance. <i>Journal of Sol-Gel Science and Technology</i> , 2008, 47, 290-299.	2.4	41
35	Global and local nanofibrous interlayer toughened composites for higher in-plane strength. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014, 58, 73-76.	7.6	39
36	Production of PEG grafted PAN copolymers and their electrospun nanowebs as novel thermal energy storage materials. <i>Thermochimica Acta</i> , 2016, 643, 83-93.	2.7	38

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37	Nanosilicate embedded agarose hydrogels with improved bioactivity. <i>Carbohydrate Polymers</i> , 2018, 201, 105-112.	10.2	38
38	Preparation and characterization of phosphine oxide based polyurethane/silica nanocomposite via non-isocyanate route. <i>Progress in Organic Coatings</i> , 2010, 69, 366-375.	3.9	37
39	Single Additive Enables 3D Printing of Highly Loaded Iron Oxide Suspensions. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 9873-9881.	8.0	35
40	Synthesis, characterization and surface properties of amphiphilic polystyrene-b-polypropylene glycol block copolymers. <i>European Polymer Journal</i> , 2006, 42, 740-750.	5.4	33
41	A Sustainable Approach to Produce Stiff, Super-Tough, and Heat-Resistant Poly(lactic acid)-Based Green Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7869-7877.	6.7	33
42	Poly(carboxylate ether)-based superplasticizer achieves workability retention in calcium aluminate cement. <i>Scientific Reports</i> , 2017, 7, 41743.	3.3	32
43	Synthesis and characterization of flame retarding UV-curable organic-inorganic hybrid coatings. <i>Journal of Applied Polymer Science</i> , 2006, 102, 1906-1914.	2.6	29
44	Design and fabrication of multi-walled hollow nanofibers by triaxial electrospinning as reinforcing agents in nanocomposites. <i>Journal of Reinforced Plastics and Composites</i> , 2015, 34, 1273-1286.	3.1	28
45	Dynamic glass transition of the rigid amorphous fraction in polyurethane-urea/SiO <sub>2</sub> nanocomposites. <i>Soft Matter</i> , 2017, 13, 4580-4590.	2.7	28
46	Facile Synthesis of Graphene from Waste Tire/Silica Hybrid Additives and Optimization Study for the Fabrication of Thermally Enhanced Cement Grouts. <i>Molecules</i> , 2020, 25, 886.	3.8	28
47	Glycidyl Methacrylate-Based Electrospun Mats and Catalytic Silver Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 508-515.	2.2	27
48	Rational design and direct fabrication of multi-walled hollow electrospun fibers with controllable structure and surface properties. <i>European Polymer Journal</i> , 2015, 62, 66-76.	5.4	27
49	Manufacturing of multilayer graphene oxide/poly(ethylene terephthalate) nanocomposites with tunable crystallinity, chain orientations and thermal transitions. <i>Materials Chemistry and Physics</i> , 2016, 176, 58-67.	4.0	27
50	Thin-film composite nanofiltration membranes with high flux and dye rejection fabricated from disulfonated diamine monomer. <i>Journal of Membrane Science</i> , 2020, 608, 118172.	8.2	27
51	Mechanical reinforcement and memory effect of strain-induced soft segment crystals in thermoplastic polyurethane-urea elastomers. <i>Polymer</i> , 2021, 223, 123708.	3.8	26
52	Design and fabrication of hollow and filled graphene-based polymeric spheres <i>via</i> core-shell electrospinning. <i>RSC Advances</i> , 2015, 5, 91147-91157.	3.6	25
53	<i>In vitro/in vivo</i> evaluation of gamma-aminobutyric acid-loaded N,N'-dimethylacrylamide-based pegylated polymeric nanoparticles for brain delivery to treat epilepsy. <i>Journal of Microencapsulation</i> , 2016, 33, 625-635.	2.8	25
54	Transparent low-density polyethylene/starch nanocomposite films. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1907-1914.	2.6	24

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55	Use of polyethylene glycol coatings for optical fibre humidity sensing. <i>Optical Review</i> , 2008, 15, 84-90.	2.0	23
56	ATRP of methyl methacrylate initiated with a bifunctional initiator bearing bromomethyl functional groups: Synthesis of the block and graft copolymers. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1364-1373.	2.3	23
57	Evaluation of biofouling behavior of zwitterionic silane coated reverse osmosis membranes fouled by marine bacteria. <i>Progress in Organic Coatings</i> , 2019, 134, 303-311.	3.9	23
58	Fabrication and optimization of proton conductive polybenzimidazole electrospun nanofiber membranes. <i>Polymers for Advanced Technologies</i> , 2018, 29, 594-602.	3.2	22
59	Acrylonitrile block copolymers. <i>Polymer Bulletin</i> , 1989, 21, 259-263.	3.3	20
60	High-Performance Green Composites of Poly(lactic acid) and Waste Cellulose Fibers Prepared by High-Shear Thermokinetic Mixing. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 8568-8579.	3.7	19
61	Synthesis and Morphological Control of VO <sub>2</sub> Nanostructures via a One-Step Hydrothermal Method. <i>Nanomaterials</i> , 2021, 11, 752.	4.1	19
62	UV curable sulfonated hybrid materials and their performance as proton exchange membranes. <i>Reactive and Functional Polymers</i> , 2009, 69, 698-704.	4.1	18
63	An Experimental Study on the Process Monitoring of Resin Transfer Molded Composite Structures Using Fiber Optic Sensors. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2012, 134, .	2.2	18
64	Development of waste tire-derived graphene reinforced polypropylene nanocomposites with controlled polymer grade, crystallization and mechanical characteristics via melt-mixing. <i>Polymer International</i> , 2020, 69, 771-779.	3.1	18
65	Morphology-controllable synthesis and characterization of carbon nanotube/polypyrrole composites and their hydrogen storage capacities. <i>Materials Chemistry and Physics</i> , 2015, 167, 171-180.	4.0	17
66	Insecticide-releasing LLDPE films as greenhouse cover materials. <i>Materials Today Communications</i> , 2019, 19, 170-176.	1.9	17
67	Dual Scale Roughness Driven Perfectly Hydrophobic Surfaces Prepared by Electro spraying a Polymer in Good Solvent-Poor Solvent Systems. <i>Langmuir</i> , 2012, 28, 14192-14201.	3.5	16
68	Nonisocyanate polyurethane/silica hybrid coatings via a sol-gel route. <i>Advances in Polymer Technology</i> , 2012, 31, 390-400.	1.7	15
69	Effect of soft segment molecular weight on the glass transition, crystallinity, molecular mobility and segmental dynamics of poly(ethylene oxide) based poly(urethane-urea) copolymers. <i>RSC Advances</i> , 2017, 7, 40745-40754.	3.6	15
70	Effect of filler content on the structure-property behavior of poly(ethylene oxide) based polyurethane-silica nanocomposites. <i>Polymer Engineering and Science</i> , 2018, 58, 1097-1107.	3.1	15
71	Rapid Microwave-Assisted Synthesis of Platinum Nanoparticles Immobilized in Electrospun Carbon Nanofibers for Electrochemical Catalysis. <i>ACS Applied Nano Materials</i> , 2018, 1, 6236-6246.	5.0	15
72	Facile Synthesis of Single- and Multi-Layer Graphene/Mn <sub>3</sub> O <sub>4</sub> Integrated 3D Urchin-Shaped Hybrid Composite Electrodes by Core-Shell Electrospinning. <i>ChemNanoMat</i> , 2019, 5, 792-801.	2.8	15

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73	Tuning Interaction Parameters of Thermoplastic Polyurethanes in a Binary Solvent To Achieve Precise Control over Microphase Separation. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1946-1956.	5.4	15
74	Ring-Opening polymerization of propyleneimine with N-benzyl phthalimide derivatives. <i>Journal of Polymer Science Part A</i> , 1992, 30, 501-504.	2.3	14
75	Comparison of melt extrusion and thermokinetic mixing methods in poly(ethylene Terephthalate) (PET). <i>Journal of Applied Polymer Science</i> , 2017, 121, 10784-10794.	3.1	14
76	Molecular basis for solvent dependent morphologies observed on electrosprayed surfaces. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 17862.	2.8	14
77	Aggregation of Fillers Blended into Random Elastomeric Networks: Theory and Comparison with Experiments. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1515-1524.	2.2	13
78	Graphene based nanosensor for aqueous phase detection of nitroaromatics. <i>RSC Advances</i> , 2017, 7, 25519-25527.	3.6	13
79	Poly(lactide)/cellulose nanocrystal nanocomposites by high shear mixing. <i>Polymer Engineering and Science</i> , 2021, 61, 1028-1040.	3.1	13
80	Phosphorus-Containing Sulfonated Polyimides for Proton Exchange Membranes. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 919-929.	2.2	12
81	Shear and extensional rheological characterization of poly(acrylonitrile)/halloysite nanocomposite solutions. <i>European Polymer Journal</i> , 2015, 73, 17-25.	5.4	12
82	Soft segment length controls morphology of poly(ethylene oxide) based segmented poly(urethane-urea) copolymers in a binary solvent. <i>Computational Materials Science</i> , 2017, 138, 58-69.	3.0	12
83	Graphene from waste tire by recycling technique for cost-effective and light-weight automotive plastic part production. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	12
84	Long time stress relaxation of amorphous networks under uniaxial tension: The Dynamic Constrained Junction Model. <i>Polymer</i> , 2008, 49, 1056-1065.	3.8	11
85	Design of Pt-Supported 1D and 3D Multilayer Graphene-Based Structural Composite Electrodes with Controlled Morphology by Core-Shell Electrospinning/Electrospraying. <i>ACS Omega</i> , 2018, 3, 6400-6410.	3.5	11
86	Comparison of the Effectiveness of Chlorine, Ozone, and Photocatalytic Disinfection in Reducing the Risk of Antibiotic Resistance Pollution. <i>Journal of Advanced Oxidation Technologies</i> , 2011, 14, .	0.5	10
87	Halloysite nanotube blended nanocomposite ultrafiltration membranes for reactive dye removal. <i>Water Science and Technology</i> , 2021, 83, 271-283.	2.5	10
88	New surfactants design for CO <sub>2</sub> applications: Molecular dynamics simulations of fluorocarbon-hydrocarbon oligomers. <i>Journal of Chemical Physics</i> , 2003, 119, 4953-4961.	3.0	9
89	Synthesis of a side chain liquid crystalline polycarbonate with a chiral backbone. <i>Journal of Applied Polymer Science</i> , 2006, 102, 1915-1921.	2.6	9
90	Experimental study on the rheology of anisotropic, flocculated and low volume fraction colloids. <i>Korea Australia Rheology Journal</i> , 2014, 26, 105-116.	1.7	9

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91	Rheological behavior of poly(acrylonitrile) concentrated solutions: effect of Sb <sub>2</sub> O <sub>3</sub> nanoparticles on shear and extensional flow. <i>Colloid and Polymer Science</i> , 2016, 294, 1463-1473.	2.1	9
92	Polymer Nanocomposites With Decorated Metal Oxides. , 2019, , 287-323.		9
93	An experimental study on the heat transfer and wettability characteristics of micro-structured surfaces during water vapor condensation under different pressure conditions. <i>International Communications in Heat and Mass Transfer</i> , 2021, 120, 105063.	5.6	9
94	Barrier Properties of Polypropylene/Poly(M-Xylene Adipamide) and Polypropylene/Poly(Ethylene-Co-Vinyl Alcohol) Blend Films. <i>Journal of Plastic Film and Sheeting</i> , 2010, 26, 377-394.	2.2	8
95	Extensional rheology and stability behavior of alumina suspensions in the presence of AMPS-modified polycarboxylate ether-based copolymers. <i>Colloid and Polymer Science</i> , 2015, 293, 2867-2876.	2.1	8
96	Thermally exfoliated graphene oxide reinforced fluorinated pentablock poly( $\epsilon$ -caprolactone) electrospun scaffolds: Insight into antimicrobial activity and biodegradation. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	8
97	Manufacturing functionalized mono-crystalline diamond containing electrospun fibers reinforced epoxy composites with improved mechanical characteristics. <i>Diamond and Related Materials</i> , 2017, 76, 90-96.	3.9	8
98	Blends of highly branched and linear poly(arylene ether sulfone)s: Multiscale effect of the degree of branching on the morphology and mechanical properties. <i>Polymer</i> , 2020, 188, 122114.	3.8	8
99	Synergistic Effect of Expanded Graphite-Silane Functionalized Silica as a Hybrid Additive in Improving the Thermal Conductivity of Cementitious Grouts with Controllable Water Uptake. <i>Energies</i> , 2020, 13, 3561.	3.1	8
100	Synthesis of fluorinated oligomers for supercritical carbon dioxide applications. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5312-5322.	2.3	7
101	Nano-engineering of high-performance PA6.6 nanocomposites by the integration of CVD-grown carbon fiber on graphene as a bicomponent reinforcement by melt-compounding. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48347.	2.6	7
102	Effect of surface modification of colloidal silica nanoparticles on the rigid amorphous fraction and mechanical properties of amorphous polyurethane-urea-silica nanocomposites. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2543-2556.	2.3	7
103	Surface Modification of Reverse Osmosis Desalination Membranes with Zwitterionic Silane Compounds for Enhanced Organic Fouling Resistance. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 5133-5144.	3.7	7
104	Fabrication of halloysite nanotubes embedded thin film nanocomposite membranes for dye removal. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50986.	2.6	7
105	Effect of Polymer Coating on Vapor Condensation Heat Transfer. <i>Journal of Heat Transfer</i> , 2020, 142, .	2.1	7
106	Poly(propylene)/waste vulcanized ethylene-propylene-diene monomer (PP/WEPPDM) blends prepared by high-shear thermo-kinetic mixer. <i>Journal of Elastomers and Plastics</i> , 2018, 50, 537-553.	1.5	6
107	Fabrication of high-performance nanofiber-based FO membranes. , 0, 147, 56-72.		6
108	Triblock Superabsorbent Polymer Nanocomposites with Enhanced Water Retention Capacities and Rheological Characteristics. <i>ACS Omega</i> , 2022, 7, 20486-20494.	3.5	6

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109	Poly(vinylidene fluoride)/zinc oxide smart composite material. , 2007, , .		5
110	Effect of Organoclay on the Physical Properties of UV-Curable Coatings. ACS Symposium Series, 2009, , 255-273.	0.5	5
111	Geometric Confinement Controls Stiffness, Strength, Extensibility, and Toughness in Poly(urethane-urea) Copolymers. Macromolecules, 2021, 54, 4704-4725.	4.8	5
112	Investigation of structure-morphology-function relationship of elastomers used to produce low mold shrinkage thermoplastic olefins. European Polymer Journal, 2021, 159, 110758.	5.4	5
113	Title is missing!. Angewandte Makromolekulare Chemie, 1992, 200, 37-47.	0.2	4
114	Branched Pentablock Poly(L-lactide-co-ε-caprolactone) Synthesis in scCO <sub>2</sub> . High Performance Polymers, 2007, 19, 649-664.	1.8	4
115	Morphological similarity of a tri-block copolymer processed at ambient and elevated temperatures. Korea Australia Rheology Journal, 2012, 24, 313-321.	1.7	4
116	Fabrication and Morphological Investigation of Multi-walled Electrospun Polymeric Nanofibers. Materials Research Society Symposia Proceedings, 2014, 1621, 119-126.	0.1	4
117	A PCE-based rheology modifier allows machining of solid cast green bodies of alumina. Ceramics International, 2016, 42, 3757-3761.	4.8	4
118	Stiff, Strong, Tough, and Highly Stretchable Hydrogels Based on Dual Stimuli-Responsive Semicrystalline Poly(urethane-urea) Copolymers. ACS Applied Polymer Materials, 2021, 3, 5683-5695.	4.4	4
119	The effect of IPMC parameters in electromechanical coefficient based on equivalent beam theory. , 2008, , .		3
120	Morphology of poly(ethylene terephthalate) blends: An analysis under real processing conditions by rheology and microscopy. Advances in Polymer Technology, 2009, 28, 173-184.	1.7	3
121	Designed-in Molecular Interactions Lead to Superior Thermo-mechanical Properties in Nanocomposites. Materials Research Society Symposia Proceedings, 2011, 1304, 1.	0.1	3
122	Silanization of SiO <sub>2</sub> Decorated Carbon Nanosheets from Rice Husk Ash and Its Effect on Workability and Hydration of Cement Grouts. Nanomaterials, 2021, 11, 655.	4.1	3
123	Long time stress relaxation of filled amorphous networks under uniaxial tension: dynamic constrained junction model. Plastics, Rubber and Composites, 2009, 38, 327-332.	2.0	2
124	Alternative Pathogen Control Chemistry of Glass Fiber-Reinforced Polyester Panels for Cooling Towers. Journal of Materials Engineering and Performance, 2019, 28, 6011-6024.	2.5	2
125	Specific Interactions and Self-Organization in Polymer/Functionalized Nanoparticle Systems. , 2019, , 85-117.		2
126	Polymer Composites Containing Functionalized Nanoparticles and the Environment. , 2019, , 437-466.		2



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127	Fabrication Methodologies of Multi-layered and Multi-functional Electrospun Structures by Co-axial and Multi-axial Electrospinning Techniques. , 2022, , 35-66.		2
128	Polyurethane Nanofiber Webs for Sensor and Actuator Applications in Microelectromechanical Systems (MEMS). Materials Research Society Symposia Proceedings, 2003, 782, 1.	0.1	1
129	Lyophilization-Induced Structural Changes in Solvent-Swollen and Supercritical Carbon Dioxide Treated Low-Rank Turkish Coals and Characterization of Their Extracts. Energy & Fuels, 2005, 19, 1056-1064.	5.1	1
130	Semi-intrinsic self-healing performance of liquid-core microcapsules in epoxy matrix. Advances in Polymer Technology, 2018, 37, 1435-1443.	1.7	1
131	Low density, high modulus polypropylene wood composites prepared by using thermo kinetic mixer. AIP Conference Proceedings, 2020, , .	0.4	1
132	New hybrid nano additives for thermoplastic compounding: CVD grown carbon fiber on graphene. AIP Conference Proceedings, 2020, , .	0.4	1
133	Effect of nanomaterials/nanofibers on the structure and properties of fiber-reinforced composites. , 2020, , 157-182.		1
134	Investigation of pilot scale manufacturing of polysulfone (Psf) membranes by wet phase inversion method. , 0, 131, 66-74.		1
135	Advanced Polymer Particles. International Journal of Polymer Science, 2012, 2012, 1-2.	2.7	0
136	Study of Local and Transient Buckling in Glass Fiber Reinforced Composite Using Fiber Bragg Grating. Key Engineering Materials, 0, 543, 346-351.	0.4	0
137	Nanomaterials recycling in industrial applications. , 2022, , 375-395.		0