

Yusuf Z Menciloglu

List of Publications by Year in descending order

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137
papers

5,115
citations

101543

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98798

67
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142
all docs

142
docs citations

142
times ranked

5976
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nanomaterials recycling in industrial applications. , 2022, , 375-395. | | 0 |
| 2 | Triblock Superabsorbent Polymer Nanocomposites with Enhanced Water Retention Capacities and Rheological Characteristics. ACS Omega, 2022, 7, 20486-20494. | 3.5 | 6 |
| 3 | Fabrication Methodologies of Multi-layered and Multi-functional Electrospun Structures by Co-axial and Multi-axial Electrospinning Techniques. , 2022, , 35-66. | | 2 |
| 4 | An experimental study on the heat transfer and wettability characteristics of micro-structured surfaces during water vapor condensation under different pressure conditions. International Communications in Heat and Mass Transfer, 2021, 120, 105063. | 5.6 | 9 |
| 5 | Surface Modification of Reverse Osmosis Desalination Membranes with Zwitterionic Silane Compounds for Enhanced Organic Fouling Resistance. Industrial & Engineering Chemistry Research, 2021, 60, 5133-5144. | 3.7 | 7 |
| 6 | Synthesis and Morphological Control of VO ₂ Nanostructures via a One-Step Hydrothermal Method. Nanomaterials, 2021, 11, 752. | 4.1 | 19 |
| 7 | Silanization of SiO ₂ Decorated Carbon Nanosheets from Rice Husk Ash and Its Effect on Workability and Hydration of Cement Grouts. Nanomaterials, 2021, 11, 655. | 4.1 | 3 |
| 8 | Fabrication of halloysite nanotubes embedded thin film nanocomposite membranes for dye removal. Journal of Applied Polymer Science, 2021, 138, 50986. | 2.6 | 7 |
| 9 | Mechanical reinforcement and memory effect of strain-induced soft segment crystals in thermoplastic polyurethane-urea elastomers. Polymer, 2021, 223, 123708. | 3.8 | 26 |
| 10 | Geometric Confinement Controls Stiffness, Strength, Extensibility, and Toughness in Poly(urethane-urea) Copolymers. Macromolecules, 2021, 54, 4704-4725. | 4.8 | 5 |
| 11 | Investigation of structure-morphology-function relationship of plastomers used to produce low mold shrinkage thermoplastic olefins. European Polymer Journal, 2021, 159, 110758. | 5.4 | 5 |
| 12 | Poly(lactide)/cellulose nanocrystal nanocomposites by high-shear mixing. Polymer Engineering and Science, 2021, 61, 1028-1040. | 3.1 | 13 |
| 13 | Halloysite nanotube blended nanocomposite ultrafiltration membranes for reactive dye removal. Water Science and Technology, 2021, 83, 271-283. | 2.5 | 10 |
| 14 | 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 |
| 15 | Processing and properties of boron carbide (B ₄ C) reinforced LDPE composites for radiation shielding. Ceramics International, 2020, 46, 343-352. | 4.8 | 46 |
| 16 | Blends of highly branched and linear poly(arylene ether sulfone)s: Multiscale effect of the degree of branching on the morphology and mechanical properties. Polymer, 2020, 188, 122114. | 3.8 | 8 |
| 17 | Synergistic Effect of Expanded Graphite-Silane Functionalized Silica as a Hybrid Additive in Improving the Thermal Conductivity of Cementitious Grouts with Controllable Water Uptake. Energies, 2020, 13, 3561. | 3.1 | 8 |
| 18 | Facile Synthesis of Graphene from Waste Tire/Silica Hybrid Additives and Optimization Study for the Fabrication of Thermally Enhanced Cement Grouts. Molecules, 2020, 25, 886. | 3.8 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Low density, high modulus polypropylene wood composites prepared by using thermo kinetic mixer. AIP Conference Proceedings, 2020, , . | 0.4 | 1 |
| 20 | New hybrid nano additives for thermoplastic compounding: CVD grown carbon fiber on graphene. AIP Conference Proceedings, 2020, , . | 0.4 | 1 |
| 21 | Graphene from waste tire by recycling technique for cost-effective and light-weight automotive plastic part production. AIP Conference Proceedings, 2020, , . | 0.4 | 12 |
| 22 | Development of waste tire-derived graphene reinforced polypropylene nanocomposites with controlled polymer grade, crystallization and mechanical characteristics via melt-mixing. Polymer International, 2020, 69, 771-779. | 3.1 | 18 |
| 23 | Effect of nanomaterials/nanofibers on the structure and properties of fiber-reinforced composites. , 2020, , 157-182. | | 1 |
| 24 | Thin-film composite nanofiltration membranes with high flux and dye rejection fabricated from disulfonated diamine monomer. Journal of Membrane Science, 2020, 608, 118172. | 8.2 | 27 |
| 25 | Effect of Polymer Coating on Vapor Condensation Heat Transfer. Journal of Heat Transfer, 2020, 142, . | 2.1 | 7 |
| 26 | 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. Journal of Applied Polymer Science, 2019, 136, 48347. | 2.6 | 7 |
| 27 | 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 |
| 28 | Evaluation of biofouling behavior of zwitterionic silane coated reverse osmosis membranes fouled by marine bacteria. Progress in Organic Coatings, 2019, 134, 303-311. | 3.9 | 23 |
| 29 | A Sustainable Approach to Produce Stiff, Super-Tough, and Heat-Resistant Poly(lactic acid)-Based Green Materials. ACS Sustainable Chemistry and Engineering, 2019, 7, 7869-7877. | 6.7 | 33 |
| 30 | Carvacrol loaded halloysite coatings for antimicrobial food packaging applications. Food Packaging and Shelf Life, 2019, 20, 100300. | 7.5 | 54 |
| 31 | Facile Synthesis of Single- and Multi-Layer Graphene/Mn ₃ O ₄ Integrated 3D Urchin-Shaped Hybrid Composite Electrodes by Core-Shell Electrospinning. ChemNanoMat, 2019, 5, 792-801. | 2.8 | 15 |
| 32 | Tuning Interaction Parameters of Thermoplastic Polyurethanes in a Binary Solvent To Achieve Precise Control over Microphase Separation. Journal of Chemical Information and Modeling, 2019, 59, 1946-1956. | 5.4 | 15 |
| 33 | Insecticide-releasing LLDPE films as greenhouse cover materials. Materials Today Communications, 2019, 19, 170-176. | 1.9 | 17 |
| 34 | Effect of surface modification of colloidal silica nanoparticles on the rigid amorphous fraction and mechanical properties of amorphous polyurethane-urea-silica nanocomposites. Journal of Polymer Science Part A, 2019, 57, 2543-2556. | 2.3 | 7 |
| 35 | Interfacially polymerized thin-film composite membranes: Impact of support layer pore size on active layer polymerization and seawater desalination performance. Separation and Purification Technology, 2019, 212, 438-448. | 7.9 | 73 |
| 36 | Specific Interactions and Self-Organization in Polymer/Functionalized Nanoparticle Systems. , 2019, , 85-117. | | 2 |

| # | ARTICLE | IF | CITATIONS |
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| 37 | Polymer Composites Containing Functionalized Nanoparticles and the Environment. , 2019, , 437-466. | | 2 |
| 38 | Polymer Nanocomposites With Decorated Metal Oxides. , 2019, , 287-323. | | 9 |
| 39 | Single Additive Enables 3D Printing of Highly Loaded Iron Oxide Suspensions. ACS Applied Materials & Interfaces, 2018, 10, 9873-9881. | 8.0 | 35 |
| 40 | Fabrication and characterization of temperature and pH resistant thin film nanocomposite membranes embedded with halloysite nanotubes for dye rejection. Desalination, 2018, 429, 20-32. | 8.2 | 57 |
| 41 | Modeling 3D melt electrospinning writing by response surface methodology. Materials and Design, 2018, 148, 87-95. | 7.0 | 49 |
| 42 | Semi-intrinsic self-healing performance of liquid-core microcapsules in epoxy matrix. Advances in Polymer Technology, 2018, 37, 1435-1443. | 1.7 | 1 |
| 43 | Fabrication and optimization of proton conductive polybenzimidazole electrospun nanofiber membranes. Polymers for Advanced Technologies, 2018, 29, 594-602. | 3.2 | 22 |
| 44 | Effect of filler content on the structure-property behavior of poly(ethylene oxide) based polyurethaneurea-silica nanocomposites. Polymer Engineering and Science, 2018, 58, 1097-1107. | 3.1 | 15 |
| 45 | Tailoring viscoelastic response, self-heating and deicing properties of carbon-fiber reinforced epoxy composites by graphene modification. Composites Part A: Applied Science and Manufacturing, 2018, 106, 1-10. | 7.6 | 44 |
| 46 | Poly(propylene)/waste vulcanized ethylene-propylene-diene monomer (PP/WEPDM) blends prepared by high-shear thermo-kinetic mixer. Journal of Elastomers and Plastics, 2018, 50, 537-553. | 1.5 | 6 |
| 47 | Rapid Microwave-Assisted Synthesis of Platinum Nanoparticles Immobilized in Electrospun Carbon Nanofibers for Electrochemical Catalysis. ACS Applied Nano Materials, 2018, 1, 6236-6246. | 5.0 | 15 |
| 48 | Design of Pt-Supported 1D and 3D Multilayer Graphene-Based Structural Composite Electrodes with Controlled Morphology by Core-Shell Electrospinning/Electrospraying. ACS Omega, 2018, 3, 6400-6410. | 3.5 | 11 |
| 49 | Nanosilicate embedded agarose hydrogels with improved bioactivity. Carbohydrate Polymers, 2018, 201, 105-112. | 10.2 | 38 |
| 50 | Halloysite Nanotubes/Polyethylene Nanocomposites for Active Food Packaging Materials with Ethylene Scavenging and Gas Barrier Properties. Food and Bioprocess Technology, 2017, 10, 789-798. | 4.7 | 93 |
| 51 | Poly(carboxylate ether)-based superplasticizer achieves workability retention in calcium aluminate cement. Scientific Reports, 2017, 7, 41743. | 3.3 | 32 |
| 52 | Graphene based nanosensor for aqueous phase detection of nitroaromatics. RSC Advances, 2017, 7, 25519-25527. | 3.6 | 13 |
| 53 | Manufacturing functionalized mono-crystalline diamond containing electrospun fibers reinforced epoxy composites with improved mechanical characteristics. Diamond and Related Materials, 2017, 76, 90-96. | 3.9 | 8 |
| 54 | Monitoring the interface and bulk self-healing capability of tri-axial electrospun fibers in glass fiber reinforced epoxy composites. Composites Part A: Applied Science and Manufacturing, 2017, 99, 221-232. | 7.6 | 44 |

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|----|---|------|-----------|
| 55 | Dynamic glass transition of the rigid amorphous fraction in polyurethane-urea/SiO ₂ nanocomposites. <i>Soft Matter</i> , 2017, 13, 4580-4590. | 2.7 | 28 |
| 56 | 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 |
| 57 | 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 |
| 58 | High-Performance Green Composites of Poly(lactic acid) and Waste Cellulose Fibers Prepared by High-Shear Thermokinetic Mixing. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8568-8579. | 3.7 | 19 |
| 59 | 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 |
| 60 | Rheological behavior of poly(acrylonitrile) concentrated solutions: effect of Sb ₂ O ₃ nanoparticles on shear and extensional flow. <i>Colloid and Polymer Science</i> , 2016, 294, 1463-1473. | 2.1 | 9 |
| 61 | 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 |
| 62 | 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 |
| 63 | Antibacterial sustained-release coatings from halloysite nanotubes/waterborne polyurethanes. <i>Progress in Organic Coatings</i> , 2016, 101, 253-261. | 3.9 | 82 |
| 64 | <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 |
| 65 | Multifunctional 3D printing of heterogeneous hydrogel structures. <i>Scientific Reports</i> , 2016, 6, 33178. | 3.3 | 58 |
| 66 | Thermally exfoliated graphene oxide reinforced fluorinated pentablock poly(lactide-co-ε-caprolactone) electrospun scaffolds: Insight into antimicrobial activity and biodegradation. <i>Journal of Applied Polymer Science</i> , 2016, 133, . | 2.6 | 8 |
| 67 | A PCE-based rheology modifier allows machining of solid cast green bodies of alumina. <i>Ceramics International</i> , 2016, 42, 3757-3761. | 4.8 | 4 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

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| 73 | Repeated self-healing of nano and micro scale cracks in epoxy based composites by tri-axial electrospun fibers including different healing agents. RSC Advances, 2015, 5, 73133-73145. | 3.6 | 52 |
| 74 | Shear and extensional rheological characterization of poly(acrylonitrile)/halloysite nanocomposite solutions. European Polymer Journal, 2015, 73, 17-25. | 5.4 | 12 |
| 75 | Rational design and direct fabrication of multi-walled hollow electrospun fibers with controllable structure and surface properties. European Polymer Journal, 2015, 62, 66-76. | 5.4 | 27 |
| 76 | Fabrication and Morphological Investigation of Multi-walled Electrospun Polymeric Nanofibers. Materials Research Society Symposia Proceedings, 2014, 1621, 119-126. | 0.1 | 4 |
| 77 | Global and local nanofibrous interlayer toughened composites for higher in-plane strength. Composites Part A: Applied Science and Manufacturing, 2014, 58, 73-76. | 7.6 | 39 |
| 78 | Experimental study on the rheology of anisotropic, flocculated and low volume fraction colloids. Korea Australia Rheology Journal, 2014, 26, 105-116. | 1.7 | 9 |
| 79 | Effects of solvent on TEOS hydrolysis kinetics and silica particle size under basic conditions. Journal of Sol-Gel Science and Technology, 2013, 67, 351-361. | 2.4 | 58 |
| 80 | Molecular basis for solvent dependent morphologies observed on electrospayed surfaces. Physical Chemistry Chemical Physics, 2013, 15, 17862. | 2.8 | 14 |
| 81 | Transparent low-density polyethylene/starch nanocomposite films. Journal of Applied Polymer Science, 2013, 129, 1907-1914. | 2.6 | 24 |
| 82 | Polyurethaneurea-silica nanocomposites: Preparation and investigation of the structure-property behavior. Polymer, 2013, 54, 5310-5320. | 3.8 | 53 |
| 83 | Morphological similarity of a tri-block copolymer processed at ambient and elevated temperatures. Korea Australia Rheology Journal, 2012, 24, 313-321. | 1.7 | 4 |
| 84 | Dual Scale Roughness Driven Perfectly Hydrophobic Surfaces Prepared by Electrospaying a Polymer in Good Solvent-Poor Solvent Systems. Langmuir, 2012, 28, 14192-14201. | 3.5 | 16 |
| 85 | Structural composites hybridized with epoxy compatible polymer/MWCNT nanofibrous interlayers. Composites Science and Technology, 2012, 72, 1639-1645. | 7.8 | 46 |
| 86 | MWCNTs/P(St-co-GMA) Composite Nanofibers of Engineered Interface Chemistry for Epoxy Matrix Nanocomposites. ACS Applied Materials & Interfaces, 2012, 4, 777-784. | 8.0 | 50 |
| 87 | An Experimental Study on the Process Monitoring of Resin Transfer Molded Composite Structures Using Fiber Optic Sensors. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2012, 134, . | 2.2 | 18 |
| 88 | Advanced Polymer Particles. International Journal of Polymer Science, 2012, 2012, 1-2. | 2.7 | 0 |
| 89 | Comparison of melt extrusion and thermokinetic mixing methods in poly(ethylene Terephthalate) nanocomposites. Journal of Applied Polymer Science, 2012, 107, 1020-1028. | 3.1 | 14 |
| 90 | Nonisocyanate polyurethane/silica hybrid coatings via a sol-gel route. Advances in Polymer Technology, 2012, 31, 390-400. | 1.7 | 15 |

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| 91 | 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 |
| 92 | Fumed silica filled poly(dimethylsiloxane-urea) segmented copolymers: Preparation and properties. <i>Polymer</i> , 2011, 52, 4189-4198. | 3.8 | 51 |
| 93 | Designed-in Molecular Interactions Lead to Superior Thermo-mechanical Properties in Nanocomposites. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1304, 1. | 0.1 | 3 |
| 94 | 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 |
| 95 | 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 |
| 96 | 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 |
| 97 | 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 |
| 98 | Engineering Chemistry of Electrospun Nanofibers and Interfaces in Nanocomposites for Superior Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 1788-1793. | 8.0 | 66 |
| 99 | Long time stress relaxation of filled amorphous networks under uniaxial tension: dynamic constrained junction model. <i>Plastics, Rubber and Composites</i> , 2009, 38, 327-332. | 2.0 | 2 |
| 100 | Morphology of poly(ethylene terephthalate) blends: An analysis under real processing conditions by rheology and microscopy. <i>Advances in Polymer Technology</i> , 2009, 28, 173-184. | 1.7 | 3 |
| 101 | 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 |
| 102 | Effect of Organoclay on the Physical Properties of UV-Curable Coatings. <i>ACS Symposium Series</i> , 2009, , 255-273. | 0.5 | 5 |
| 103 | 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 |
| 104 | Use of polyethylene glycol coatings for optical fibre humidity sensing. <i>Optical Review</i> , 2008, 15, 84-90. | 2.0 | 23 |
| 105 | Phosphorus-Containing Sulfonated Polyimides for Proton Exchange Membranes. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 919-929. | 2.2 | 12 |
| 106 | Glycidyl Methacrylate-Based Electrospun Mats and Catalytic Silver Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 508-515. | 2.2 | 27 |
| 107 | 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 |
| 108 | Effects of electrospinning parameters on polyacrylonitrile nanofiber diameter: An investigation by response surface methodology. <i>Materials & Design</i> , 2008, 29, 34-44. | 5.1 | 274 |

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| 109 | The effect of IPMC parameters in electromechanical coefficient based on equivalent beam theory. , 2008, , . | | 3 |
| 110 | Poly(vinylidene fluoride)/zinc oxide smart composite material. , 2007, , . | | 5 |
| 111 | Branched Pentablock Poly(L-lactide-co- ϵ -caprolactone) Synthesis in scCO ₂ . High Performance Polymers, 2007, 19, 649-664. | 1.8 | 4 |
| 112 | In vivo performance of antibiotic embedded electrospun PCL membranes for prevention of abdominal adhesions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 81B, 530-543. | 3.4 | 216 |
| 113 | The novel use of organo alkoxy silane for the synthesis of organic-inorganic hybrid coatings. Journal of Non-Crystalline Solids, 2006, 352, 2143-2151. | 3.1 | 77 |
| 114 | Synthesis, characterization and surface properties of amphiphilic polystyrene-b-polypropylene glycol block copolymers. European Polymer Journal, 2006, 42, 740-750. | 5.4 | 33 |
| 115 | Synthesis and characterization of flame retarding UV-curable organic-inorganic hybrid coatings. Journal of Applied Polymer Science, 2006, 102, 1906-1914. | 2.6 | 29 |
| 116 | Synthesis of a side chain liquid crystalline polycarbonate with a chiral backbone. Journal of Applied Polymer Science, 2006, 102, 1915-1921. | 2.6 | 9 |
| 117 | Aggregation of Fillers Blended into Random Elastomeric Networks: Theory and Comparison with Experiments. Macromolecular Chemistry and Physics, 2006, 207, 1515-1524. | 2.2 | 13 |
| 118 | Effect of filler amount on thermoelastic properties of poly(dimethylsiloxane) networks. Polymer, 2005, 46, 4127-4134. | 3.8 | 43 |
| 119 | Synthesis of fluorinated oligomers for supercritical carbon dioxide applications. Journal of Polymer Science Part A, 2005, 43, 5312-5322. | 2.3 | 7 |
| 120 | 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 |
| 121 | In vitro and in vivo degradation of non-woven materials made of poly(ϵ -caprolactone) nanofibers prepared by electrospinning under different conditions. Journal of Biomaterials Science, Polymer Edition, 2005, 16, 1537-1555. | 3.5 | 265 |
| 122 | Palladium Nanoparticles by Electrospinning from Poly(acrylonitrile-co-acrylic acid)-PdCl ₂ Solutions. Relations between Preparation Conditions, Particle Size, and Catalytic Activity. Macromolecules, 2004, 37, 1787-1792. | 4.8 | 279 |
| 123 | Tunable, Superhydrophobically Stable Polymeric Surfaces by Electrospinning. Angewandte Chemie - International Edition, 2004, 43, 5210-5213. | 13.8 | 302 |
| 124 | Synthesis and Characterization of Polymeric Linseed Oil Grafted Methyl Methacrylate or Styrene. Macromolecular Bioscience, 2004, 4, 649-655. | 4.1 | 66 |
| 125 | New surfactants design for CO ₂ applications: Molecular dynamics simulations of fluorocarbon-hydrocarbon oligomers. Journal of Chemical Physics, 2003, 119, 4953-4961. | 3.0 | 9 |
| 126 | Polyurethane Nanofiber Webs for Sensor and Actuator Applications in Microelectromechanical Systems (MEMS). Materials Research Society Symposia Proceedings, 2003, 782, 1. | 0.1 | 1 |

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|-----|---|------|-----------|
| 127 | Synthesis and SANS Structural Characterization of Polymer-Substituted Fullerenes (Flagellenes). <i>Macromolecules</i> , 1995, 28, 6000-6006. | 4.8 | 42 |
| 128 | Dispersion Polymerizations in Supercritical Carbon Dioxide. <i>Science</i> , 1994, 265, 356-359. | 12.6 | 639 |
| 129 | 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 |
| 130 | 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 |
| 131 | Flagellenes: nanophase-separated, polymer-substituted fullerenes. <i>Chemistry of Materials</i> , 1992, 4, 1153-1157. | 6.7 | 142 |
| 132 | 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 |
| 133 | Title is missing!. <i>Angewandte Makromolekulare Chemie</i> , 1992, 200, 37-47. | 0.2 | 4 |
| 134 | Acrylonitrile block copolymers. <i>Polymer Bulletin</i> , 1989, 21, 259-263. | 3.3 | 20 |
| 135 | Study of Local and Transient Buckling in Glass Fiber Reinforced Composite Using Fiber Bragg Grating. <i>Key Engineering Materials</i> , 0, 543, 346-351. | 0.4 | 0 |
| 136 | Fabrication of high-performance nanofiber-based FO membranes. , 0, 147, 56-72. | | 6 |
| 137 | Investigation of pilot scale manufacturing of polysulfone (Psf) membranes by wet phase inversion method. , 0, 131, 66-74. | | 1 |