# Masami Okamoto

## List of Publications by Year in Descending Order



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| 132 papers | 16,813 citations | 44 h-index | 129 g-index |
| 143 ext. papers | 17,571 ext. citations | 4.8 avg, IF | 6.8 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 132 | Stemness and Epithelial-Mesenchymal Transition of Breast Cancer Cells Incubated on Viscoelastic Gel Substrates. *Nihon Reoroji Gakkaishi*, **2021**, 49, 163-170 | 0.8 | 1 |
| 131 | Potential application of natural rubber latex nanoparticles to tissue engineering **2021**, 363-403 | | 1 |
| 130 | Effect of Substrate Stiffness on Physicochemical Properties of Normal and Fibrotic Lung Fibroblasts. *Materials*, **2020**, 13, | 3.5 | 4 |
| 129 | Fabrication of cartilage/natural rubber latex biocomposites derived from human mesenchymal stem cells in hypoxia. *Nanocomposites*, **2020**, 6, 137-148 | 3.4 | 1 |
| 128 | The influence of hydroxyapatite content on properties of poly(L-lactide)/hydroxyapatite porous scaffolds obtained using thermal induced phase separation technique. *European Polymer Journal*, **2019**, 113, 313-320 | 5.2 | 23 |
| 127 | The role of scaffolds in tissue engineering **2019**, 23-49 | | 4 |
| 126 | Cellular morphologies, motility, and epithelial□mesenchymal transition of breast cancer cells incubated on viscoelastic gel substrates in hypoxia. *Materials Today Chemistry*, **2019**, 13, 8-17 | 6.2 | 3 |
| 125 | Biocomposites composed of natural rubber latex and cartilage tissue derived from human mesenchymal stem cells. *Materials Today Chemistry*, **2019**, 12, 315-323 | 6.2 | 5 |
| 124 | The Effect of Solid-state Shear Processing on the Network Formation of Clay-based Polymer Nanocomposites **2019**, 255-295 | | 1 |
| 123 | Cellular morphologies, motility, and epithelial□mesenchymal transition of breast cancer cells incubated on electrospun polymeric fiber substrates in hypoxia. *Materials Today Chemistry*, **2019**, 11, 29-41 | 6.2 | 1 |
| 122 | The Effect of Interfacial Polysilane Coating on Heat Fusion Properties of Polypropylene. *Nihon Reoroji Gakkaishi*, **2018**, 46, 123-130 | 0.8 | 3 |
| 121 | Processing and characterization of a polylactic acid/nanoclay composite for laser sintering. *Polymer Composites*, **2017**, 38, 2570-2576 | 3 | 23 |
| 120 | New opportunities for drug delivery carrier of natural allophane nanoparticles on human lung cancer A549 cells. *Applied Clay Science*, **2017**, 143, 422-429 | 5.2 | 8 |
| 119 | Cytotoxicity of natural allophane nanoparticles on human lung cancer A549 cells. *Applied Clay Science*, **2017**, 135, 485-492 | 5.2 | 8 |
| 118 | Comprehensive study on cellular morphologies, proliferation, motility, and epithelial-mesenchymal transition of breast cancer cells incubated on electrospun polymeric fiber substrates. *Journal of Materials Chemistry B*, **2017**, 5, 2588-2600 | 7.3 | 17 |
| 117 | Cellular Morphology-Mediated Proliferation and Drug Sensitivity of Breast Cancer Cells. *Journal of Functional Biomaterials*, **2017**, 8, | 4.8 | 14 |
| 116 | Evaluation on Cytotoxicity of Natural Rubber Latex Nanoparticles and Application in Bone Tissue Engineering. *E-Journal of Soft Materials*, **2017**, 12, 1-10 | | 12 |

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| 115 | Cytotoxicity and anticancer activity of natural rubber latex particles for cancer cells. *Materials Today Chemistry*, **2017**, 5, 63-71 | 6.2 | 13 |
| 114 | Fabrication of biocomposites composed of natural rubber latex and bone tissue derived from MC3T3-E1 mouse preosteoblastic cells. *Nanocomposites*, **2017**, 3, 76-83 | 3.4 | 12 |
| 113 | Rheology and Processing of Polymer/Layered Silicate Nanocomposites **2016**, 187-234 | | 3 |
| 112 | Recent Progress on the Design and Applications of Polysaccharide-Based Graft Copolymer Hydrogels as Adsorbents for Wastewater Purification. *Macromolecular Materials and Engineering*, **2016**, 301, 496-522 | 3.9 | 79 |
| 111 | Fabrication of PLLA/HA composite scaffolds modified by DNA. *Polymer*, **2015**, 56, 73-81 | 3.9 | 24 |
| 110 | Allophane–Pt nanocomposite: Synthesis and MO simulation. *Applied Clay Science*, **2014**, 95, 191-196 | 5.2 | 6 |
| 109 | Single-stranded DNA adsorption characteristics by hollow spherule allophane nano-particles: pH dependence and computer simulation. *Applied Clay Science*, **2014**, 101, 591-597 | 5.2 | 7 |
| 108 | Influence of carbon nanotubes on the rheology and dynamic mechanical properties of polyamide-12 for laser sintering. *Polymer Testing*, **2014**, 36, 95-100 | 4.5 | 71 |
| 107 | Preparation and enzymatic degradation of porous crosslinked polylactides of biomass origin. *International Journal of Molecular Sciences*, **2014**, 15, 9793-808 | 6.3 | 2 |
| 106 | Fabrication of Polylactide-Based Biodegradable Thermoset Scaffolds for Tissue Engineering Applications. *Macromolecular Materials and Engineering*, **2013**, 298, 45-52 | 3.9 | 39 |
| 105 | Percolated Network Structure Formation and Rheological Properties in Nylon 6/Clay Nanocomposites. *Macromolecular Materials and Engineering*, **2013**, 298, 400-411 | 3.9 | 20 |
| 104 | Biomineralization of hydroxyapatite on DNA molecules in SBF: morphological features and computer simulation. *Langmuir*, **2013**, 29, 11975-81 | 4 | 23 |
| 103 | DNA adsorption characteristics of hollow spherule allophane nano-particles. *Materials Science and Engineering C*, **2013**, 33, 5079-83 | 8.3 | 16 |
| 102 | Structure and rheology of nanocomposite hydrogels composed of DNA and clay. *European Polymer Journal*, **2013**, 49, 923-931 | 5.2 | 25 |
| 101 | Synthetic biopolymer nanocomposites for tissue engineering scaffolds. *Progress in Polymer Science*, **2013**, 38, 1487-1503 | 29.6 | 340 |
| 100 | Synthetic biopolymer/layered silicate nanocomposites for tissue engineering scaffolds **2013**, 548-581 | | 3 |
| 99 | Preparation and characterization of DNA/allophane composite hydrogels. *Colloids and Surfaces B: Biointerfaces*, **2013**, 112, 429-34 | 6 | 11 |
| 98 | Polymeric Nanocomposites in Various Uses. *Seikei-Kakou*, **2013**, 25, 114-118 | 0 | |

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| 97 | Isothermal melt crystallization behavior of neat poly(l-lactide) (PLLA) and PLLA/organically modified layered silicate (OMLS) nanocomposite studied by two-dimensional (2D) correlation spectroscopy. *Vibrational Spectroscopy*, **2012**, 60, 158-162 | 2.1 | 11 |
| 96 | Polylactide/Clay Nano-Biocomposites. *Green Energy and Technology*, **2012**, 77-118 | 0.6 | 2 |
| 95 | Synthesis and adsorption characteristics of hollow spherical allophane nano-particles. *Applied Clay Science*, **2012**, 56, 77-83 | 5.2 | 37 |
| 94 | Nonisothermal order□disorder phase transition of alkylammonium ions in nanoconfined space. *Applied Clay Science*, **2010**, 48, 73-80 | 5.2 | 7 |
| 93 | Polypropylene-based nano-composite formation: Delamination of organically modified layered filler via solid-state processing. *Polymer*, **2010**, 51, 4238-4242 | 3.9 | 10 |
| 92 | Real-time investigation of crystallization in nylon 6-clay nano-composite probed by infrared spectroscopy. *Polymer*, **2010**, 51, 5585-5591 | 3.9 | 31 |
| 91 | Polyethylene ionomer-based nano-composite foams prepared by a batch process and MuCell□ injection molding. *Materials Science and Engineering C*, **2010**, 30, 62-70 | 8.3 | 15 |
| 90 | Crystallization controlled by layered silicates in nylon 6□lay nano-composite. *Polymer*, **2009**, 50, 4718-4726 | 3.9 | 52 |
| 89 | Foam processing of polyethylene ionomers with supercritical CO2. *Composites Part A: Applied Science and Manufacturing*, **2009**, 40, 1708-1716 | 8.4 | 18 |
| 88 | Rheology in Polymer/Clay Nanocomposites: **2009**, 57-78 | | 3 |
| 87 | Direct melt neutralization and nano-structure of polyethylene ionomer-based nano-composites. *Composites Part A: Applied Science and Manufacturing*, **2008**, 39, 1924-1929 | 8.4 | 5 |
| 86 | Elongation flow-induced morphological change of a diblock copolymer melt of polystyrene and poly(ethylene propylene). *Polymer*, **2008**, 49, 2334-2341 | 3.9 | 10 |
| 85 | Fabrication of porous 3-D structure from poly(l-lactide)-based nano-composite foams. Effect of foam structure on enzymatic degradation. *Polymer Degradation and Stability*, **2008**, 93, 1081-1087 | 4.7 | 16 |
| 84 | Crystallization behavior of nano-composite based on poly(vinylidene fluoride) and organically modified layered titanate. *Polymer*, **2008**, 49, 4298-4306 | 3.9 | 32 |
| 83 | Real-time investigation of crystallization in poly(vinylidene fluoride)-based nano-composites probed by infrared spectroscopy. *Polymer*, **2008**, 49, 5186-5190 | 3.9 | 27 |
| 82 | ???? / ???????????. *Seikei-Kakou*, **2008**, 20, 581-588 | 0 | |
| 81 | Nanostructure Development and Foam Processing in Polymer/ Layered Silicate Nanocomposites **2008**, 175-218 | | |
| 80 | Poly(p-phenylenesulfide)-based nano-composite formation: Delamination of organically modified layered filler via solid-state processing. *Polymer*, **2007**, 48, 4143-4151 | 3.9 | 22 |

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| 79 | Fabrication of Porous 3-D Structure from Poly(L-lactide)-based Nanocomposite Foam via Enzymatic Degradation. *International Polymer Processing*, **2007**, 22, 446-454 | 1 | 5 |
| 78 | Structure and properties of nanocomposites based on poly(butylene succinate) and organically modified montmorillonite. *Journal of Applied Polymer Science*, **2006**, 102, 777-785 | 2.9 | 64 |
| 77 | Foam Processing and Cellular Structure of Polycarbonate-Based Nanocomposites. *Macromolecular Materials and Engineering*, **2006**, 291, 773-783 | 3.9 | 44 |
| 76 | Intercalation of Diphenyl Sulfide into Nanogalleries and Preparation of Poly(p-phenylenesulfide)-Based Nanocomposites. *Macromolecular Materials and Engineering*, **2006**, 291, 1367-1374 | 3.9 | 25 |
| 75 | Back Cover: Macromol. Mater. Eng. 11/2006. *Macromolecular Materials and Engineering*, **2006**, 291, 1440-1440 | 3.9 | 3 |
| 74 | Direct Melt Intercalation of Polylactide Chains into Nano-Galleries: Interlayer Expansion and Nano-Composite Structure. *Macromolecular Rapid Communications*, **2006**, 27, 751-757 | 4.8 | 49 |
| 73 | Delamination of Organically Modified Layered Filler via Solid-State Processing. *Macromolecular Rapid Communications*, **2006**, 27, 1472-1475 | 4.8 | 14 |
| 72 | Recent advances in polymer/layered silicate nanocomposites: an overview from science to technology. *Materials Science and Technology*, **2006**, 22, 756-779 | 1.5 | 121 |
| 71 | Review article: Polymer-matrix Nanocomposites, Processing, Manufacturing, and Application: An Overview. *Journal of Composite Materials*, **2006**, 40, 1511-1575 | 2.7 | 1668 |
| 70 | Morphology and crystallization kinetics in a mixture of low-molecular weight aliphatic amide and polylactide. *Polymer*, **2006**, 47, 1340-1347 | 3.9 | 173 |
| 69 | Foam processing and cellular structure of polylactide-based nanocomposites. *Polymer*, **2006**, 47, 5350-5359 | 3.9 | 174 |
| 68 | Visual observation of CO2 foaming of polypropylene-clay nanocomposites. *Polymer Engineering and Science*, **2004**, 44, 1004-1011 | 2.3 | 89 |
| 67 | Structural development in cycloolefin copolymers under uniaxial elongational flow. *Journal of Applied Polymer Science*, **2004**, 91, 3421-3427 | 2.9 | 2 |
| 66 | Organically Modified Layered Titanate: A New Nanofiller to Improve the Performance of Biodegradable Polylactide. *Macromolecular Rapid Communications*, **2004**, 25, 1359-1364 | 4.8 | 82 |
| 65 | ??????????????????????. *Seikei-Kakou*, **2004**, 16, 574-578 | 0 | 2 |
| 64 | New polylactide/layered silicate nanocomposites, 4. Structure, properties and biodegradability. *Composite Interfaces*, **2003**, 10, 435-450 | 2.3 | 28 |
| 63 | Biodegradable polylactide/montmorillonite nanocomposites. *Journal of Nanoscience and Nanotechnology*, **2003**, 3, 503-10 | 1.3 | 94 |
| 62 | New polylactide/layered silicate nanocomposites. 5. Designing of materials with desired properties. *Polymer*, **2003**, 44, 6633-6646 | 3.9 | 262 |

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| 61 | Intercalated Polycarbonate/Clay Nanocomposites: Nanostructure Control and Foam Processing. *Macromolecular Materials and Engineering*, **2003**, 288, 543-548 | 3.9 | 113 |
| 60 | New Polylactide/Layered Silicate Nanocomposites, 6. *Macromolecular Materials and Engineering*, **2003**, 288, 936-944 | 3.9 | 149 |
| 59 | Control of Biodegradability of Polylactide via Nanocomposite Technology. *Macromolecular Materials and Engineering*, **2003**, 288, 203-208 | 3.9 | 155 |
| 58 | Crystallization Controlled by Silicate Surfaces in Nylon 6-Clay Nanocomposites. *Macromolecular Materials and Engineering*, **2003**, 288, 440-445 | 3.9 | 131 |
| 57 | Biodegradable Polylactide and Its Nanocomposites: Opening a New Dimension for Plastics and Composites. *Macromolecular Rapid Communications*, **2003**, 24, 815-840 | 4.8 | 363 |
| 56 | Well-Controlled Biodegradable Nanocomposite Foams: From Microcellular to Nanocellular. *Macromolecular Rapid Communications*, **2003**, 24, 457-461 | 4.8 | 168 |
| 55 | Polymer/layered silicate nanocomposites: a review from preparation to processing. *Progress in Polymer Science*, **2003**, 28, 1539-1641 | 29.6 | 5523 |
| 54 | New poly(butylene succinate)/layered silicate nanocomposites. II. Effect of organically modified layered silicates on structure, properties, melt rheology, and biodegradability. *Journal of Polymer Science, Part B: Polymer Physics*, **2003**, 41, 3160-3172 | 2.6 | 138 |
| 53 | New polylactide-layered silicate nanocomposites. 2. Concurrent improvements of material properties, biodegradability and melt rheology. *Polymer*, **2003**, 44, 857-866 | 3.9 | 474 |
| 52 | Crystallization Behavior and Morphology of Biodegradable Polylactide/Layered Silicate Nanocomposite. *Macromolecules*, **2003**, 36, 7126-7131 | 5.5 | 371 |
| 51 | Structure−Property Relationship in Biodegradable Poly(butylene succinate)/Layered Silicate Nanocomposites. *Macromolecules*, **2003**, 36, 2355-2367 | 5.5 | 543 |
| 50 | Elongation of Triblock Copolymer Melt:  Elongation Flow Opto-Rheometry and Small-Angle X-ray Scattering Study. *Macromolecules*, **2003**, 36, 1656-1664 | 5.5 | 15 |
| 49 | New Polylactide/Layered Silicate Nanocomposites. 3. High-Performance Biodegradable Materials. *Chemistry of Materials*, **2003**, 15, 1456-1465 | 9.6 | 409 |
| 48 | New Polylactide/Layered Silicate Nanocomposite: Nanoscale Control Over Multiple Properties. *Macromolecular Rapid Communications*, **2002**, 23, 943-947 | 4.8 | 135 |
| 47 | The effect of crystallization on the structure and morphology of polypropylene/clay nanocomposites. *Polymer Engineering and Science*, **2002**, 42, 1864-1871 | 2.3 | 76 |
| 46 | Foam processing and cellular structure of polypropylene/clay nanocomposites. *Polymer Engineering and Science*, **2002**, 42, 1907-1918 | 2.3 | 216 |
| 45 | New poly(butylene succinate)/layered silicate nanocomposites: preparation and mechanical properties. *Journal of Nanoscience and Nanotechnology*, **2002**, 2, 171-6 | 1.3 | 77 |
| 44 | Preparation and Properties of Polylactide/Layered Silicate Nanocomposite.. *Kobunshi Ronbunshu*, **2002**, 59, 760-766 | 0 | 13 |

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| 43 | Novel Porous Ceramic Material via Burning of Polylactide/Layered Silicate Nanocomposite. *Nano Letters*, **2002**, 2, 423-425 | 11.5 | 64 |
| 42 | Polylactide-Layered Silicate Nanocomposite: A Novel Biodegradable Material. *Nano Letters*, **2002**, 2, 1093-1096 | 11.5 | 377 |
| 41 | New Polylactide/Layered Silicate Nanocomposites. 1. Preparation, Characterization, and Properties. *Macromolecules*, **2002**, 35, 3104-3110 | 5.5 | 427 |
| 40 | New Polylactide/Layered Silicate Nanocomposites: Role of Organoclays. *Chemistry of Materials*, **2002**, 14, 4654-4661 | 9.6 | 362 |
| 39 | Influence of Crystallization on Intercalation, Morphology, and Mechanical Properties of Polypropylene/Clay Nanocomposites. *Macromolecules*, **2002**, 35, 2042-2049 | 5.5 | 396 |
| 38 | Dispersed structure change of smectic clay/poly(methyl methacrylate) nanocomposites by copolymerization with polar comonomers. *Polymer*, **2001**, 42, 1201-1206 | 3.9 | 131 |
| 37 | Dispersed structure and ionic conductivity of smectic clay/polymer nanocomposites. *Polymer*, **2001**, 42, 2685-2688 | 3.9 | 107 |
| 36 | Flow birefringence and strain-induced hardening of cycloolefin copolymers under elongational flow. *Polymer*, **2001**, 42, 9827-9835 | 3.9 | 7 |
| 35 | A hierarchical structure and properties of intercalated polypropylene/clay nanocomposites. *Polymer*, **2001**, 42, 9633-9640 | 3.9 | 442 |
| 34 | A House of Cards Structure in Polypropylene/Clay Nanocomposites under Elongational Flow. *Nano Letters*, **2001**, 1, 295-298 | 11.5 | 264 |
| 33 | Biaxial Flow-Induced Alignment of Silicate Layers in Polypropylene/Clay Nanocomposite Foam. *Nano Letters*, **2001**, 1, 503-505 | 11.5 | 249 |
| 32 | ??????????????????. *Seikei-Kakou*, **2001**, 13, 466-468 | 0 | |
| 31 | Synthesis and structure of smectic clay/poly(methyl methacrylate) and clay/polystyrene nanocomposites via in situ intercalative polymerization. *Polymer*, **2000**, 41, 3887-3890 | 3.9 | 300 |
| 30 | Shear-Induced Aggregation Behavior in Lipophilized Smectite Clay/Styrene Suspension.. *Nihon Reoroji Gakkaishi*, **2000**, 28, 199-200 | 0.8 | 4 |
| 29 | Dispersed Structure and Rheology of Lipophilized-Smectite/Toluene Suspensions. *Langmuir*, **2000**, 16, 4055-4058 | 4 | 33 |
| 28 | Development of Quenched Phase-Separated Structure in Poly(styrene-co-acrylonitrile)/Poly(methyl methacrylate) Blend under Elongational Flow. *Macromolecules*, **2000**, 33, 8113-8116 | 5.5 | 7 |
| 27 | Phase separation process during solution casting of acrylate-copolymer/fluoro-copolymer blends. *Journal of Adhesion Science and Technology*, **1999**, 13, 1243-1251 | 2 | 7 |
| 26 | Elongational flow birefringence of poly(methyl methacrylate)/poly(vinylidene fluoride-co-hexafluoro acetone) blends. *Polymer*, **1999**, 40, 2459-2463 | 3.9 | 10 |

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| 25 | Elongational Flow-Induced Higher-Order Structure Development in a Supercooled Liquid of a Metallocene-Catalyzed Syndiotactic Polystyrene *Macromolecules*, **1999**, 32, 6206-6214 | 5.5 | 9 |
| 24 | Confocal Scanning Laser Microscope Image of Gradient Structure Formed in an Acrylate Copolymer/Fluoro-copolymer Blend **1999**, 69, 31-38 | | 1 |
| 23 | Development of Higher-order Structure in Supercooled Semicrystalline Polymer Liquids under Elongational Flow. *Journal of Fiber Science and Technology*, **1999**, 55, P51-P56 | 0 | |
| 22 | Elongational flow opto-rheometry for polymeric liquids: 4. Rayleigh scattering studies on elongational flow-induced crystallization of poly(ethylene terephthalate) in the supercooled state. *Polymer*, **1998**, 39, 501-503 | 3.9 | 17 |
| 21 | Elongational flow and birefringence of low density polyethylene and its blends with ultrahigh molecular weight polyethylenet. *Polymer*, **1998**, 39, 2149-2153 | 3.9 | 29 |
| 20 | Elongational flow-induced crystallization of poly(ethylene terephthalate) under the supercooled state. *Polymer*, **1998**, 39, 3135-3141 | 3.9 | 17 |
| 19 | Structure development in polyaniline films during electrochemical polymerization. II: Structure and properties of polyaniline films prepared via electrochemical polymerization. *Polymer*, **1998**, 39, 4359-4367 | 3.9 | 40 |
| 18 | Elongational flow-induced crystallization in supercooled poly(ethylene terephthalate) with different crystallization habit. *Polymer*, **1998**, 39, 4827-4834 | 3.9 | 16 |
| 17 | Elongational Flow Birefringence of Reactor-Made Linear Low-Density Polyethylene. *Macromolecules*, **1998**, 31, 5158-9 | 5.5 | 8 |
| 16 | Elongational Flow-Induced Crystallization and Structure Development in Supercooled Poly(ethylene naphthalate) *Macromolecules*, **1998**, 31, 4223-4231 | 5.5 | 46 |
| 15 | Elongational flow opto-rheometry for polymer melts. *Rheologica Acta*, **1997**, 36, 646-656 | 2.3 | 22 |
| 14 | Phase separation and homogenization in poly(ethylene naphthalene-2,6-dicarboxylate)/poly(ethylene terephthalate) blends. *Polymer*, **1997**, 38, 1357-1361 | 3.9 | 67 |
| 13 | Elongational flow opto-rheometry for polymer melts ? 1. Construction of an elongational flow opto-rheometer and some preliminary results. *Rheologica Acta*, **1997**, 36, 646-656 | 2.3 | 33 |
| 12 | LCST-type phase behaviour and structure development during melt processing in a polycarbonate/poly(styrene-co-acrylonitrile) blend. *Polymer*, **1995**, 36, 87-91 | 3.9 | 42 |
| 11 | Modification of Crystallization Properties of Poly(ethylene terephthalate) by Copolymerization with Arylate Units. 1. Preparation and Isothermal Crystallization of 4,4Ubiphenol-Containing Copolymers. *Macromolecules*, **1995**, 28, 6155-6160 | 5.5 | 15 |
| 10 | Nonisothermal crystallization of poly(ethylene terephthalate) and its blends in the injection-molding process. *Journal of Applied Polymer Science*, **1995**, 57, 1055-1061 | 2.9 | 28 |
| 9 | Phase separation mechanism and structure development in poly(butylene terephthalate)/polycarbonate blends. *Polymer*, **1994**, 35, 257-261 | 3.9 | 29 |
| 8 | Structure and mechanical properties of poly(butylene terephthalate)/rubber blends prepared by dynamic vulcanization. *Polymer*, **1994**, 35, 4618-4622 | 3.9 | 22 |

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| 7 | Toughening mechanism in a ternary polymer alloy: PBT/PC/rubber system. *Polymer*, **1993**, 34, 4868-4873 | 3.9 | 27 |
| 6 | Reactive processing of polymer blends: Analysis of the change in morphological and interfacial parameters with processing. *Polymer Engineering and Science*, **1993**, 33, 175-182 | 2.3 | 43 |
| 5 | Structure Development and Phase Inversion in Dynamic Vulcanization of Two-Phase Polymer Blends.. *Kobunshi Ronbunshu*, **1991**, 48, 657-662 | 0 | 5 |
| 4 | Synthesis of Controlled Block and Graft Copolymers. I. Block-Polymerizations Initiated Asymmetric Telechelic Bromo-Terminated Polymer Together with Manganese Carbonyl. *Journal of Macromolecular Science Part A, Chemistry*, **1988**, 25, 445-466 | | 13 |
| 3 | Synthesis of Controlled Block and Graft Copopolymers. II. Block and Graft Polymerization Initiated by Monohalo-Containing Polymer/Manganese Carbonyl Systems. *Journal of Macromolecular Science Part A, Chemistry*, **1988**, 25, 1515-1525 | | 4 |
| 2 | Biodegradable Polymer-Based Nanocomposites: Nanostructure Control and Nanocomposite Foaming with the Aim of Producing Nano-Cellular Plastics271-312 | | 1 |
| 1 | Polymer/Layered Filler Nanocomposites: An Overview from Science to Technology2071-2134 | | 2 |