

Woo Jin Choi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characterization of Morphologies of Compatibilized Polypropylene/Polystyrene Blends with Nanoparticles via Nonlinear Rheological Properties from FT-Rheology. <i>Macromolecules</i> , 2014, 47, 4066-4076.	4.8	87
2	Characterization of Effects of Silica Nanoparticles on (80/20) PP/PS Blends via Nonlinear Rheological Properties from Fourier Transform Rheology. <i>Macromolecules</i> , 2015, 48, 4669-4679.	4.8	63
3	Morphological Evaluation of PP/PS Blends Filled with Different Types of Clays by Nonlinear Rheological Analysis. <i>Macromolecules</i> , 2016, 49, 3148-3160.	4.8	54
4	Synthesis of Poly(phenylene polysulfide) Networks from Elemental Sulfur and <i>p</i> -Diiodobenzene for Stretchable, Healable, and Reprocessable Infrared Optical Applications. <i>ACS Macro Letters</i> , 2019, 8, 912-916.	4.8	38
5	Influence of carbon nanotubes localization and transfer on electrical conductivity in PA66/(PS/PPE)/CNTs nanocomposites. <i>Polymer</i> , 2016, 84, 198-208.	3.8	34
6	Evaluation of the Degree of Dispersion of Polymer Nanocomposites (PNCs) Using Nonlinear Rheological Properties by FT-Rheology. <i>Macromolecules</i> , 2019, 52, 8604-8616.	4.8	22
7	Influence of Drying Conditions on Device Performances of Antisolvent-Assisted Roll-to-Roll Slot Die-Coated Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 7611-7621.	5.1	22
8	Surface mechanical properties of poly(urethane acrylate)/silica hybrid interpenetrating polymer network (IPN) coatings. <i>Progress in Organic Coatings</i> , 2016, 97, 166-174.	3.9	19
9	Robust and recoverable dual cross-linking networks in pressure-sensitive adhesives. <i>Journal of Polymer Science</i> , 2020, 58, 3358-3369.	3.8	19
10	Tensile Properties of Ultrathin Bisphenol-A Polycarbonate Films. <i>Macromolecules</i> , 2019, 52, 7489-7494.	4.8	18
11	Enhanced Dynamics of Confined Polymers near the Immiscible Polymer-Polymer Interface: Neutron Reflectivity Studies. <i>ACS Macro Letters</i> , 2020, 9, 210-215.	4.8	17
12	Effects of carbon concentration on high-hardness plasma-polymer-fluorocarbon film deposited by mid-range frequency sputtering. <i>Scientific Reports</i> , 2019, 9, 10664.	3.3	8
13	Facile fabrication of micro/nano-structured wrinkles by controlling elastic properties of polydimethylsiloxane substrates. <i>Polymer</i> , 2021, 212, 123087.	3.8	8
14	Enhancing Hydrophobicity of Polymer Thin Film-Coated Surface by Wrinkling Method. <i>Macromolecular Research</i> , 2020, 28, 1104-1110.	2.4	7
15	3D hierarchical scaffolds enabled by a post-patternable, reconfigurable, and biocompatible 2D vitrimer film for tissue engineering applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3341-3345.	5.8	4
16	Influence of UV Polymerization Curing Conditions on Performance of Acrylic Pressure Sensitive Adhesives. <i>Macromolecular Research</i> , 2021, 29, 129-139.	2.4	3
17	Tunable cross-linked copolymer networks for improvement of physical performance. <i>Journal of Polymer Science</i> , 2021, 59, 2094-2106.	3.8	1