

The Impact of Janus Nanoparticles on the Compatibilization under Technologically Relevant Conditions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Study of Bacterial Cell Colonization on Plasma Induced Bio-Adoptable Polymer Nanocomposites Membranes. <i>Macromolecular Symposia</i> , 2015, 357, 52-60.	0.4	1
2	Simultaneous enhancement in mechanical strength, electrical conductivity, and electromagnetic shielding properties in PVDF-ABS blends containing PMMA wrapped multiwall carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14856-14865.	1.3	55
3	Compatibilization of Immiscible Polymer Blends Using <i>in Situ</i> Formed Janus Nanomicelles by Reactive Blending. <i>ACS Macro Letters</i> , 2015, 4, 1398-1403.	2.3	81
4	Micromechanics of raspberry-morphology in PPE/SAN polymer blends compatibilized with linear ABC triblock terpolymers. <i>Polymer</i> , 2015, 80, 52-63.	1.8	17
5	Self-assembly concepts for multicompartment nanostructures. <i>Nanoscale</i> , 2015, 7, 11841-11876.	2.8	279
6	Using Janus Nanoparticles To Trap Polymer Blend Morphologies during Solvent-Evaporation-Induced Demixing. <i>Macromolecules</i> , 2015, 48, 4220-4227.	2.2	81
7	ABC Triblock Copolymer Particles with Tunable Shape and Internal Structure through 3D Confined Assembly. <i>Macromolecules</i> , 2015, 48, 2628-2636.	2.2	102
8	Development of hybrid composites for automotive applications: effect of addition of SEBS on the morphology, mechanical, viscoelastic, crystallization and thermal degradation properties of PP/PS-xGnP composites. <i>RSC Advances</i> , 2015, 5, 25634-25641.	1.7	27
9	Bulk morphologies of polystyrene-block-polybutadiene-block-poly(tert-butyl methacrylate) triblock terpolymers. <i>Polymer</i> , 2015, 72, 479-489.	1.8	41
10	Preparation and properties of polystyrene nanocomposites containing dumbbell-shaped molecular nanoparticles based on polyhedral oligomeric silsesquioxane and [60]fullerene. <i>RSC Advances</i> , 2015, 5, 70051-70058.	1.7	7
11	Mechanical Stability of Polystyrene and Janus Particle Monolayers at the Air/Water Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 15370-15373.	6.6	50
12	Effect of dispersion and selective localization of carbon nanotubes on rheology and electrical conductivity of polyamide 6 (PA ₆), Polypropylene (PP), and PA ₆ /PP nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 368-378.	2.4	69
13	Interfacial stabilization by soft Janus nanoparticles. <i>Polymer</i> , 2016, 106, 208-217.	1.8	24
14	Formation of Interfacial Janus Nanomicelles by Reactive Blending and Their Compatibilization Effects on Immiscible Polymer Blends. <i>Journal of Physical Chemistry B</i> , 2016, 120, 9240-9252.	1.2	50
15	X-ray micro computed tomography, segmental relaxation and crystallization kinetics in interfacial stabilized co-continuous immiscible PVDF/ABS blends. <i>Polymer</i> , 2016, 101, 291-304.	1.8	15
16	Polymer Foams Made of Immiscible Polymer Blends Compatibilized by Janus Particles-Effect of Compatibilization on Foam Morphology. <i>Advanced Engineering Materials</i> , 2016, 18, 814-825.	1.6	33
17	Controlling the shape of Janus nanostructures through supramolecular modification of ABC terpolymer bulk morphologies. <i>Polymer</i> , 2016, 107, 456-465.	1.8	31
18	Using POSS-C ₆₀ giant molecules as a novel compatibilizer for PS/PMMA polymer blends. <i>RSC Advances</i> , 2016, 6, 18924-18928.	1.7	16

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20	Buckypapers of polyvinyl chloride/poly(styrene-co-maleic anhydride) blend intercalated graphene oxide-carbon nanotube nanofiller: Physical property exploration. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 202-212.	1.0	9
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27	Janus nanoparticles inside polymeric materials: interfacial arrangement toward functional hybrid materials. <i>Polymer Chemistry</i> , 2017, 8, 641-654.	1.9	52
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38	Synthesis and Applications of Compartmentalised Molecular Polymer Brushes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6982-6994.	7.2	127

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72	Multicompartment Microparticles with Patchy Topography through Solvent-Adsorption Annealing. <i>ACS Macro Letters</i> , 2019, 8, 1654-1659.	2.3	37
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81	Janus nanoparticle synthesis: Overview, recent developments, and applications. Journal of Applied Physics, 2020, 127, .	1.1	52
82	Distinctive Morphology Modifiers for Polymer Blends: Roles of Asymmetric Janus Nanoparticles during Phase Separation. Journal of Physical Chemistry B, 2020, 124, 4619-4630.	1.2	7
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114	Interfacial Engineering of Polymer Blend with Janus Particle as Compatibilizer. Chinese Journal of Polymer Science (English Edition), 2023, 41, 500-515.	2.0	7
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