

Nihan Nugay

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Clay-PMMA Nanocomposites by Photoinitiated Radical Polymerization Using Intercalated Phenacyl Pyridinium Salt Initiators. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 820-826.	2.2	86
2	High strength poly(acrylamide)-clay hydrogels. <i>Journal of Polymer Research</i> , 2011, 18, 2341-2350.	2.4	42
3	High Strength Bimodal Amphiphilic Conetworks for Immunoisolation Membranes: Synthesis, Characterization, and Properties. <i>Macromolecules</i> , 2015, 48, 6251-6262.	4.8	30
4	A novel nonchemical approach to the expansion of halloysite nanotubes and their uses in chitosan composite hydrogels for broad-spectrum dye adsorption capacity. <i>Polymer Composites</i> , 2016, 37, 2770-2781.	4.6	25
5	Polyisobutylene-based polyurethanes: VII. structure/property investigations for medical applications. <i>Journal of Polymer Science Part A</i> , 2016, 54, 532-543.	2.3	19
6	Revolution/rotation-type mixing-assisted masterbatch process for polypropylene-based high-impact ternary nanocomposites. <i>Polymer Composites</i> , 2019, 40, 24-36.	4.6	15
7	Tuning of nanotube/elastomer ratio for high damping/tough and creep resistant polypropylene/SEBS-g-MA/HNT blend nanocomposites. <i>Journal of Composite Materials</i> , 2019, 53, 1005-1022.	2.4	14
8	Rubbery wound closure adhesives. I. design, synthesis, characterization, and testing of polyisobutylene-based cyanoacrylate homo- and co-networks. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1640-1651.	2.3	13
9	Minute amounts of organically modified montmorillonite improve the properties of polyisobutylene-based polyurethanes. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4076-4087.	2.3	12
10	Adsorptive polyHIPE composites based on biosorbent immobilized nanoclay: Effects of immobilization techniques. <i>Polymer Engineering and Science</i> , 2018, 58, 1229-1240.	3.1	11
11	Calcification resistance of polyisobutylene and polyisobutylene-based materials. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1836-1846.	3.2	10
12	Polyisobutylene-based polyurethanes. VIII. Polyurethanes with -O-S-PIB-S-O- soft segments. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1119-1131.	2.3	9
13	Cyclosiloxane-based networks: Synthesis, thermal characterization, and microstructure. <i>Journal of Polymer Science Part A</i> , 2005, 43, 630-637.	2.3	8
14	Exfoliation targeted toughness enhancement in polypropylene-blend-montmorillonite nanocomposites. <i>Polymer International</i> , 2008, 57, 1395-1403.	3.1	8
15	Biosorbent immobilized nanotube reinforced hydrogel carriers for heavy metal removal processes. <i>E-Polymers</i> , 2016, 16, 15-24.	3.0	8
16	Low cost bifunctional initiators for bidirectional living cationic polymerization of olefins. I. isobutylene. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3716-3724.	2.3	8
17	Low cost bifunctional initiators for bidirectional living cationic polymerization of olefins. II. hyperbranched styrene-isobutylene-styrene triblocks with superior combination of properties. <i>Journal of Polymer Science Part A</i> , 2018, 56, 705-713.	2.3	7
18	Low-cost bifunctional initiators for bidirectional living cationic polymerization of olefins. III. centrally functionalized polyisobutylenes. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1140-1145.	2.3	7

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19	Property enhancement in polypropylene ternary blend nanocomposites via a novel poly(ethylene) toughenerâ€compatibilizer system. <i>Polymer International</i> , 2018, 67, 1445-1455.	3.1	7
20	Polyisobutylene-based polyurethanes. IX. synthesis, characterization, and properties of polyisobutylene-based poly(urethane-ureas). <i>Journal of Polymer Science Part A</i> , 2016, 54, 2361-2369.	2.3	6
21	Polyisobutyleneâ€based polyurethanes X: PU nanocomposites with sâ€containing soft segments. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2760-2765.	2.3	5
22	Highâ€molecularâ€weight polyisobutylenes (PIBs) and PIB networks from liquid PIBs by thiolâ€ene clicking. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1197-1208.	2.3	5
23	Swelling, viscosity and static-mechanical behaviour of polyester composites based on hybrid filler system. <i>Macromolecular Symposia</i> , 2001, 175, 421-428.	0.7	4
24	Residual stresses determination in injection molded virgin and recycled HDPE blends: mechanical properties and morphology. <i>E-Polymers</i> , 2008, 8, .	3.0	4
25	Synthesis and Characterization of Poly(<i>N</i> -isopropylacrylamide) and Poly(vinyl acetate) Diblock Copolymers via MADIX Process. <i>Macromolecular Symposia</i> , 2013, 323, 18-25.	0.7	3
26	Synthesis, characterization and end-functionalization of a novel telechelic star: styrene hexamer core carrying polyisobutylene arms fitted with allyl termini. <i>Polymer Bulletin</i> , 2020, 77, 5697-5710.	3.3	3
27	Anionic polymerisation of methyl methacrylate with complex initiator system. <i>Polymer Bulletin</i> , 2002, 48, 457-462.	3.3	2
28	Synthesis and properties of poly(4-vinylpyridine)/ montmorillonite nanocomposites. <i>E-Polymers</i> , 2003, 3, .	3.0	0
29	Weld line behaviour of exfoliated and toughened polypropylene layered silica nanocomposites. <i>E-Polymers</i> , 2011, 11, .	3.0	0
30	Minor amounts of glycerol improve the properties of polyisobutyleneâ€based polyurethane and its nanocomposites. <i>Journal of Polymer Science Part A</i> , 2019, 57, 929-935.	2.3	0