

Shashadhar Samal

List of Publications by Year in descending order

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23
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#	ARTICLE	IF	CITATIONS
1	Unexpected solute aggregation in water on dilution. Chemical Communications, 2001, , 2224-2225.	4.1	116
2	Cyclodextrinâ€‘fullerenes: a new class of water-soluble fullerenes. Chemical Communications, 2000, , 1101-1102.	4.1	86
3	Unprecedented Control over Polymerization of n-Hexyl Isocyanate using an Anionic Initiator Having Synchronized Function of Chain-End Protection. Journal of the American Chemical Society, 2005, 127, 4132-4133.	13.7	69
4	Synthesis and Self-Assembly Studies of Amphiphilic Poly(n-hexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (isocyanate)-block-poly(2-Covinylpyridine)-block-poly(2-Covinylpyridine) Copolymer. Macromolecules, 2006, 39, 5009-5014.	4.8	64
5	The first water-soluble main-chain polyfullerene. Chemical Communications, 2000, , 1373-1374.	4.1	56
6	Synthesis of poly(2-vinyl pyridine)-b-poly(n-hexyl isocyanate) amphiphilic coil-rod block copolymer by anionic polymerization. Journal of Polymer Science Part A, 2005, 43, 607-615.	2.3	45
7	Strategies for the Development of Metallicâ€‘Nanoparticleâ€‘Based Labelâ€‘Free Biosensors and Their Biomedical Applications. ChemBioChem, 2020, 21, 576-600.	2.6	34
8	Induction of Helicity in Poly(n-hexyl isocyanate) with Terminal Chiral Residues. Macromolecules, 2006, 39, 5965-5966.	4.8	32
9	DNA-Cleavage by Fullerene-Based Synzymes. Macromolecular Bioscience, 2001, 1, 329-331.	4.1	30
10	Molecular Level Ordering in Poly(2â€‘vinylpyridine). Advanced Materials, 2012, 24, 3253-3257.	21.0	30
11	Quantitative in Situ Coupling of Living Diblock Copolymers for the Preparation of Amphiphilic Coilâ€‘Rodâ€‘Coil Triblock Copolymer Poly(2-vinylpyridine)-b-poly(n-hexyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 Td (isocyanate)-block-poly(2-Covinylpyridine)-block-poly(2-Covinylpyridine) Triblock Copolymer. Macromolecules, 2006, 39, 5009-5014.	4.5	26
12	Synthesis of Amphiphilic Mikroarm Star Copolymers of Poly(n-hexyl isocyanate) and Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (isocyanate)-block-poly(2-Covinylpyridine)-block-poly(2-Covinylpyridine) Star Copolymer. Macromolecules, 2006, 39, 5009-5014.	4.8	26
13	Dual function of a living polymerization initiator through the formation of a chain-end-protecting cluster: density functional theory calculation. Physical Chemistry Chemical Physics, 2014, 16, 24929-24935.	2.8	12
14	Functionalization of amphiphilic coil-rod-coil triblock copolymer poly(2-vinylpyridine)-b-poly(n-hexyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (isocyanate)-block-poly(2-Covinylpyridine)-block-poly(2-Covinylpyridine) Triblock Copolymer. Macromolecules, 2006, 39, 5009-5014.	3.8	11
15	Grafting Vinyl Monomers onto Chemically Modified Wool Fibers: Graft Copolymerization of Methyl Methacrylate onto Reduced Wool Fibers Using Acetylacetonate Complex of Manganese(III). Journal of Macromolecular Science Part A, Chemistry, 1983, 20, 153-167.	0.3	8
16	Photoinduced graft copolymerization: Xâ€‘Graft copolymerization of methyl methacrylate onto wool using isoquinoline-sulphur dioxide charge-transfer complex as the initiator. Polymer Degradation and Stability, 1985, 6, 235-243.	0.5	8
17	A New Macroporous Luminescent Hydrogel from Poly(allylamine). Macromolecular Rapid Communications, 2001, 22, 850-854.	3.9	8
18	The Effect of Alkyl Side Chain and Additives on the Anionic Polymerization of Isocyanates with Carbamate Group. Macromolecular Symposia, 2006, 240, 151-156.	0.7	6

#	ARTICLE	IF	CITATIONS
19	THE FIRST SYNTHESIS OF WATER-SOLUBLE CYCLODEXTRINAZAFULLERENES. <i>Synthetic Communications</i> , 2002, 32, 3367-3372.	2.1	4
20	Photoinduced graft copolymerization: XIIâ€™Graft copolymerization of methyl methacrylate onto wool using peroxydiphosphate as the photoinitiator. <i>Polymer Degradation and Stability</i> , 1985, 6, 293-301.	0.5	3
21	Living Initiator-Transfer Anionic Polymerization of Isocyanates by Sodium Diphenylamide. <i>Macromolecules</i> , 2019, 52, 9354-9363.	4.8	3
22	Macromolecular and Supramolecular Architectures Based on Fullerenes. , 2003, , 1-28.		1