Koichi Ute

List of Publications by Year
in descending order

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28 papers	530 citations	759233 12 h-index	642732 23 g-index
29 all docs	29 docs citations	29 times ranked	363 citing authors

#	Article	IF	Citations
1	Determination of monomer reactivity ratios from a single sample using multivariate analysis of the 1H NMR spectra of poly[(methyl methacrylate)-co-(benzyl methacrylate)]. Polymer Journal, 2022, 54, 623-631.	2.7	3
2	Cationic homopolymerization of trans-anethole in the presence of solvate ionic liquid comprising LiN(SO2CF3)2 and Lewis bases. Polymer, 2022, 246, 124780.	3.8	1
3	Enhanced Molecular Recognition through Substrateâ€“Additive Complex Formation in N-Heterocyclic-Carbene-Catalyzed Kinetic Resolution of Î±-Hydroxythioamides. ACS Catalysis, 2022, 12, 6100-6107.	11.2	10
4	Hydrogen-bond-assisted asymmetric radical cyclopolymerization of N-allyl-N-tert-butylacrylamide in the presence of chiral tartrates. Polymer, 2021, 226, 123823.	3.8	1
5	Deâ€•tert â€butylation of poly(N â€•tert â€butylâ€•N â€•n â€propylacrylamide): Stereochemical analysis at the triad level. Journal of Polymer Science, 2020, 58, 2857-2863.	3.8	1
6	NMR Analysis of Poly(Lactic Acid) via Statistical Models. Polymers, 2019, 11, 725.	4.5	22
7	Multivariate analysis of 13C NMR spectra to extract information about monomer sequences in poly(methyl methacrylate-co-benzyl methacrylate)s prepared by various polymer reactions. Polymer Journal, 2018, 50, 355-363.	2.7	7
8	Thermally induced cationic polymerization of isobutyl vinyl ether in toluene in the presence of solvate ionic liquid. Polymer Chemistry, 2018, 9, 1421-1429.	3.9	7
9	Characterization of High Molecular Weight Acrylamide-Based Copolymers by DOSY-NMR Using High Field-Gradients. Kobunshi Ronbunshu, 2018, 75, 358-362.	0.2	2
10	High-Pressure and High-Temperature NMR Observation of Synthetic Polymers: High-Resolution Measurement Taking Advantage of Motional Narrowing in Sub-Critical Fluids. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2018, 28, 95-101.	0.0	0
11	NMR studies of water dynamics during sol-to-gel transition of poly (N-isopropylacrylamide) in concentrated aqueous solution. Polymer, 2017, 109, 287-296.	3.8	17
12	Synthesis of aliphatic polycarbonates by irreversible polycondensation catalyzed by dilithium tetra-tert-butylzincate. Polymer, 2017, 131, 50-55.	3.8	8
13	Multivariate analysis of 13C NMR spectra of branched copolymers prepared by initiator-fragment incorporation radical copolymerization of ethylene glycol dimethacrylate and tert-butyl methacrylate. Polymer Journal, 2016, 48, 793-800.	2.7	9
14	Efficient acylation and transesterification catalyzed by dilithium tetra- tert -butylzincate at low temperatures. Tetrahedron Letters, 2016, 57, 2070-2073.	1.4	11
15	Effects of Syndiotacticity on the Dynamic and Static Phase Separation Properties of Poly(N-isopropylacrylamide) in Aqueous Solution. Journal of Physical Chemistry B, 2016, 120, 7724-7730.	2.6	16
16	Syndiotactic- and heterotactic-specific radical polymerization of N-n-propylmethacrylamide complexed with alkali metal ions. Polymer Chemistry, 2015, 6, 4927-4939.	3.9	15
17	Dual role for alkali metal cations in enhancing the low-temperature radical polymerization of N,N-dimethylacrylamide. Polymer Chemistry, 2015, 6, 2054-2064.	3.9	24
18	Hydrogen-bond-assisted isotactic-specific radical polymerization of N-vinyl-2-pyrrolidone with tartrate additives in toluene at low temperatures: high-resolution ¹H NMR analysis. RSC Advances, 2014, 4, 53079-53089.	3.6	9

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19	Ring-opening polymerization of É›-caprolactone with dilithium tetra-tert-butylzincate under mild conditions. Polymer Journal, 2014, 46, 866-872.	2.7	6
20	Application of multivariate analysis of NMR spectra of poly(N-isopropylacrylamide) to assignment of stereostructures and prediction of tacticity distribution. Polymer Journal, 2012, 44, 815-820.	2.7	14
21	Statistical determination of chemical composition and monomer sequence distribution of poly(methyl) Tj ETQq1 1 0.784314 rgBT /Over Journal, 2012, 44, 808-814.	2.7	16
22	Isotactic-specific anionic polymerization of N-isopropylacrylamide with dilithium tetra-tert-butylzincate in the presence of a fluorinated alcohol or Lewis acid. Polymer, 2012, 53, 4961-4966.	3.8	5
23	Effects of chemical composition and stereoregularity on phase-transition behaviors of aqueous solutions of copolymers composed of N-isopropylacrylamide and N-n-propylacrylamide. Polymer, 2011, 52, 5277-5281.	3.8	11
24	Syndiotacticâ€specific radical polymerization of N , N â€dimethylacrylamide in the presence of tartrates: A proposed mechanism for the polymerization. Journal of Polymer Science Part A, 2009, 47, 1192-1203.	2.3	19
25	Heterotacticâ€specific radical polymerization of Nâ€isopropylacrylamide and phase transition behavior of aqueous solution of heterotactic poly(Nâ€isopropylacrylamide). Journal of Polymer Science Part A, 2009, 47, 2539-2550.	2.3	27
26	Multivariate analysis of 13C NMR spectra of methacrylate copolymers and homopolymer blends. Polymer, 2009, 50, 3819-3821.	3.8	16
27	Highly Isotactic and Living Polymerization of Ethyl Methacrylate with t-C4H9MgBr in Toluene and the Preparation of Block and Random Copolymers with High Stereoregularity. Polymer Journal, 1990, 22, 386-396.	2.7	28
28	Stereoregular polymerization of Î±-substituted acrylates. Progress in Polymer Science, 1988, 13, 189-276.	24.7	225