

# 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	Stereoregular polymerization of $\hat{1}\pm$ -substituted acrylates. <i>Progress in Polymer Science</i> , 1988, 13, 189-276.	24.7	225
2	Highly Isotactic and Living Polymerization of Ethyl Methacrylate with $t\text{-C}_4\text{H}_9\text{MgBr}$ in Toluene and the Preparation of Block and Random Copolymers with High Stereoregularity. <i>Polymer Journal</i> , 1990, 22, 386-396.	2.7	28
3	Heterotactic-specific radical polymerization of $N$ -isopropylacrylamide and phase transition behavior of aqueous solution of heterotactic poly( $N$ -isopropylacrylamide). <i>Journal of Polymer Science Part A</i> , 2009, 47, 2539-2550.	2.3	27
4	Dual role for alkali metal cations in enhancing the low-temperature radical polymerization of $N,N$ -dimethylacrylamide. <i>Polymer Chemistry</i> , 2015, 6, 2054-2064.	3.9	24
5	NMR Analysis of Poly(Lactic Acid) via Statistical Models. <i>Polymers</i> , 2019, 11, 725.	4.5	22
6	Syndiotactic-specific radical polymerization of $N,N$ -dimethylacrylamide in the presence of tartrates: A proposed mechanism for the polymerization. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1192-1203.	2.3	19
7	NMR studies of water dynamics during sol-to-gel transition of poly ( $N$ -isopropylacrylamide) in concentrated aqueous solution. <i>Polymer</i> , 2017, 109, 287-296.	3.8	17
8	Multivariate analysis of $^{13}\text{C}$ NMR spectra of methacrylate copolymers and homopolymer blends. <i>Polymer</i> , 2009, 50, 3819-3821.	3.8	16
9	Statistical determination of chemical composition and monomer sequence distribution of poly(methyl) $T_j$ ETQq1 1 0.784314 rgBT /Over <i>Journal</i> , 2012, 44, 808-814.	2.7	16
10	Effects of Syndiotacticity on the Dynamic and Static Phase Separation Properties of Poly( $N$ -isopropylacrylamide) in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7724-7730.	2.6	16
11	Syndiotactic- and heterotactic-specific radical polymerization of $N$ - $n$ -propylmethacrylamide complexed with alkali metal ions. <i>Polymer Chemistry</i> , 2015, 6, 4927-4939.	3.9	15
12	Application of multivariate analysis of NMR spectra of poly( $N$ -isopropylacrylamide) to assignment of stereostructures and prediction of tacticity distribution. <i>Polymer Journal</i> , 2012, 44, 815-820.	2.7	14
13	Effects of chemical composition and stereoregularity on phase-transition behaviors of aqueous solutions of copolymers composed of $N$ -isopropylacrylamide and $N$ - $n$ -propylacrylamide. <i>Polymer</i> , 2011, 52, 5277-5281.	3.8	11
14	Efficient acylation and transesterification catalyzed by dilithium tetra- $tert$ -butylzincate at low temperatures. <i>Tetrahedron Letters</i> , 2016, 57, 2070-2073.	1.4	11
15	Enhanced Molecular Recognition through Substrate-Additive Complex Formation in $N$ -Heterocyclic-Carbene-Catalyzed Kinetic Resolution of $\hat{1}\pm$ -Hydroxythioamides. <i>ACS Catalysis</i> , 2022, 12, 6100-6107.	11.2	10
16	Hydrogen-bond-assisted isotactic-specific radical polymerization of $N$ -vinyl-2-pyrrolidone with tartrate additives in toluene at low temperatures: high-resolution $^1\text{H}$ NMR analysis. <i>RSC Advances</i> , 2014, 4, 53079-53089.	3.6	9
17	Multivariate analysis of $^{13}\text{C}$ NMR spectra of branched copolymers prepared by initiator-fragment incorporation radical copolymerization of ethylene glycol dimethacrylate and $tert$ -butyl methacrylate. <i>Polymer Journal</i> , 2016, 48, 793-800.	2.7	9
18	Synthesis of aliphatic polycarbonates by irreversible polycondensation catalyzed by dilithium tetra- $tert$ -butylzincate. <i>Polymer</i> , 2017, 131, 50-55.	3.8	8

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19	Multivariate analysis of <sup>13</sup> C NMR spectra to extract information about monomer sequences in poly(methyl methacrylate-co-benzyl methacrylate)s prepared by various polymer reactions. <i>Polymer Journal</i> , 2018, 50, 355-363.	2.7	7
20	Thermally induced cationic polymerization of isobutyl vinyl ether in toluene in the presence of solvate ionic liquid. <i>Polymer Chemistry</i> , 2018, 9, 1421-1429.	3.9	7
21	Ring-opening polymerization of $\epsilon$ -caprolactone with dilithium tetra-tert-butylzincate under mild conditions. <i>Polymer Journal</i> , 2014, 46, 866-872.	2.7	6
22	Isotactic-specific anionic polymerization of N-isopropylacrylamide with dilithium tetra-tert-butylzincate in the presence of a fluorinated alcohol or Lewis acid. <i>Polymer</i> , 2012, 53, 4961-4966.	3.8	5
23	Determination of monomer reactivity ratios from a single sample using multivariate analysis of the <sup>1</sup> H NMR spectra of poly[(methyl methacrylate)-co-(benzyl methacrylate)]. <i>Polymer Journal</i> , 2022, 54, 623-631.	2.7	3
24	Characterization of High Molecular Weight Acrylamide-Based Copolymers by DOSY-NMR Using High Field-Gradients. <i>Kobunshi Ronbunshu</i> , 2018, 75, 358-362.	0.2	2
25	De-tert-butylation of poly(N-tert-butyl-N-propylacrylamide): Stereochemical analysis at the triad level. <i>Journal of Polymer Science</i> , 2020, 58, 2857-2863.	3.8	1
26	Hydrogen-bond-assisted asymmetric radical cyclopolymerization of N-allyl-N-tert-butylacrylamide in the presence of chiral tartrates. <i>Polymer</i> , 2021, 226, 123823.	3.8	1
27	Cationic homopolymerization of trans-anethole in the presence of solvate ionic liquid comprising LiN(SO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> and Lewis bases. <i>Polymer</i> , 2022, 246, 124780.	3.8	1
28	High-Pressure and High-Temperature NMR Observation of Synthetic Polymers: High-Resolution Measurement Taking Advantage of Motional Narrowing in Sub-Critical Fluids. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , 2018, 28, 95-101.	0.0	0