

Akiyuki Ryoki

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1684188

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#	ARTICLE	IF	CITATIONS
1	Topology-Dependent Chain Stiffness and Local Helical Structure of Cyclic Amylose Tris(3,5-dimethylphenylcarbamate) in Solution. <i>Macromolecules</i> , 2017, 50, 4000-4006.	4.8	12
2	Linear and cyclic amylose derivatives having brush like side groups in solution: Amylose tris(<i>n</i> -octadecylcarbamate)s. <i>Polymer</i> , 2018, 137, 13-21.	3.8	12
3	Scattering function of semi-rigid cyclic polymers analyzed in terms of worm-like rings: cyclic amylose tris(phenylcarbamate) and cyclic amylose tris(<i>n</i> -butylcarbamate). <i>Polymer Journal</i> , 2017, 49, 633-637.	2.7	11
4	Dimensional and hydrodynamic properties of cellulose tris(alkylcarbamate)s in solution: Side chain dependent conformation in tetrahydrofuran. <i>Polymer</i> , 2017, 112, 152-158.	3.8	8
5	Does local chain conformation affect the chiral recognition ability of an amylose derivative? Comparison between linear and cyclic amylose tris(3,5-dimethylphenylcarbamate). <i>Journal of Chromatography A</i> , 2019, 1599, 144-151.	3.7	7
6	Lyotropic Liquid Crystallinity of Linear and Cyclic Amylose Derivatives: Amylose Tris(<i>n</i> -octadecylcarbamate) in Tetrahydrofuran and 2-Octanone. <i>Macromolecules</i> , 2019, 52, 7806-7811.	4.8	3
7	Molecular structure and chiral recognition ability of highly branched cyclic dextrin carbamate derivative. <i>Carbohydrate Polymers</i> , 2022, 290, 119491.	10.2	3
8	Chain Alignment of a Rigid Ring Polymer in the Lyotropic Liquid Crystal Phase: Cyclic Amylose Tris(<i>n</i> -butylcarbamate) in Tetrahydrofuran and Ethyl Lactate. <i>Macromolecules</i> , 2021, 54, 10723-10729.	4.8	2
9	Novel Synthesis of Rigid Cyclic Polymers and Their Molecular Conformation and Intermolecular Interactions in Solution. <i>Kobunshi Ronbunshu</i> , 2016, 73, 505-513.	0.2	1
10	Molecular Conformation and Intermolecular Interactions of Linear, Cyclic, and Branched Polymers in Solution by Means of Synchrotron-Radiation Small-Angle X-ray Scattering. <i>Kobunshi Ronbunshu</i> , 2018, 75, 254-264.	0.2	0