

Kaoru Aou

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

431
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and thermal analyses of β and α crystalline forms of poly(L-lactic acid). <i>Polymer</i> , 2011, 52, 814-821.	3.8	99
2	Morphological Study on Thermal Shrinkage and Dimensional Stability Associated with Oriented Poly(lactic acid). <i>Macromolecules</i> , 2005, 38, 7730-7735.	4.8	88
3	Trichroic Vibrational Analysis on the β -Form of Poly(lactic acid) Crystals Using Highly Oriented Fibers and Spherulites. <i>Macromolecules</i> , 2006, 39, 3337-3344.	4.8	66
4	Raman spectroscopic study of conformational changes in the amorphous phase of poly(lactic acid) during deformation. <i>Polymer</i> , 2004, 45, 4241-4248.	3.8	50
5	Roles of Conformational and Configurational Defects on the Physical Aging of Amorphous Poly(lactic acid). <i>Journal of Physical Chemistry B</i> , 2007, 111, 12322-12327.	2.6	45
6	An analysis of poly(lactic acid) with varying regio regularity. <i>Journal of Chemical Physics</i> , 2003, 118, 3430-3436.	3.0	34
7	Characterization of polyurethane hard segment length distribution using soft hydrolysis/MALDI and Monte Carlo simulation. <i>Polymer</i> , 2013, 54, 5005-5015.	3.8	21
8	Two-domain morphology in viscoelastic polyurethane foams. <i>Polymer</i> , 2015, 56, 37-45.	3.8	18
9	Viscoelastic recovery behavior and imperfection in reactive polymer network of viscoelastic polyurethane memory foams. <i>Polymer</i> , 2017, 117, 183-197.	3.8	8
10	Factors that enable the formation of porous strut morphology in "Swiss Cheese" viscoelastic polyurethane foam technology. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	2