

Masaya Kawasumi

List of Publications by Year in descending order

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29
papers

9,458
citations

279487

23
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

4491
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties of nylon 6-clay hybrid. <i>Journal of Materials Research</i> , 1993, 8, 1185-1189.	1.2	2,282
2	Synthesis of nylon 6-clay hybrid. <i>Journal of Materials Research</i> , 1993, 8, 1179-1184.	1.2	2,070
3	Preparation and Mechanical Properties of Polypropylene~Clay Hybrids. <i>Macromolecules</i> , 1997, 30, 6333-6338.	2.2	1,308
4	Swelling behavior of montmorillonite cation exchanged for l%-amino acids by ~-caprolactam. <i>Journal of Materials Research</i> , 1993, 8, 1174-1178.	1.2	869
5	Preparation and mechanical properties of polypropylene-clay hybrids using a maleic anhydride-modified polypropylene oligomer. <i>Journal of Applied Polymer Science</i> , 1998, 67, 87-92.	1.3	635
6	One-pot synthesis of nylon 6~clay hybrid. <i>Journal of Polymer Science Part A</i> , 1993, 31, 1755-1758.	2.5	403
7	Interaction of nylon 6-clay surface and mechanical properties of nylon 6-clay hybrid. <i>Journal of Applied Polymer Science</i> , 1995, 55, 119-123.	1.3	331
8	Synthesis and characterization of a thermotropic nematic liquid crystalline dendrimeric polymer. <i>Macromolecules</i> , 1992, 25, 3843-3850.	2.2	219
9	Fine structure of nylon~clay hybrid. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1994, 32, 625-630.	2.4	219
10	Toward "Willowlike" Thermotropic Dendrimers. <i>Macromolecules</i> , 1994, 27, 4441-4453.	2.2	215
11	Preparation and mechanical properties of polystyrene-clay hybrids. <i>Journal of Applied Polymer Science</i> , 1999, 74, 3359-3364.	1.3	199
12	The discovery of polymer-clay hybrids. <i>Journal of Polymer Science Part A</i> , 2004, 42, 819-824.	2.5	174
13	Liquid-crystalline polyethers based on conformational isomerism. 18. Polyethers based on a combined mesogenic unit containing rigid and flexible groups: 1-(4-hydroxy-4'-biphenyl)-2-(4-hydroxyphenyl)butane. <i>Macromolecules</i> , 1991, 24, 6318-6324.	2.2	69
14	Liquid crystal/clay mineral composites. <i>Applied Clay Science</i> , 1999, 15, 93-108.	2.6	54
15	A solid state NMR study on crystalline forms of nylon 6. <i>Journal of Applied Polymer Science</i> , 1989, 37, 1363-1371.	1.3	52
16	Nematic liquid crystal/clay mineral composites. <i>Materials Science and Engineering C</i> , 1998, 6, 135-143.	3.8	52
17	Development and applications of polyolefin~ and rubber~clay nanocomposites. <i>Polymer Journal</i> , 2011, 43, 583-593.	1.3	52
18	Novel memory effect found in nematic liquid crystal/fine particle system. <i>Liquid Crystals</i> , 1996, 21, 769-776.	0.9	34

#	ARTICLE	IF	CITATIONS
19	Similarities and differences between the mesomorphic behaviour of oligomeric macrocyclics and of linear high relative molecular mass polyethers based on 1-(4-hydroxybiphenyl-4-yl)-2-(4-hydroxyphenyl)butane and flexible spacers. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1319-1334.	0.9	31
20	Transformation of a kinetically controlled nematic phase of a linear polymer into one which is thermodynamically controlled via cyclization [1]. <i>Liquid Crystals</i> , 1993, 13, 83-94.	0.9	31
21	Dynamic light scattering from nematic monodomains containing mesogenic polymers of differing architectures. <i>Macromolecules</i> , 1992, 25, 2151-2155.	2.2	29
22	Transformation of a kinetically prohibited mesophase of a linear polymer into an enantiotropic mesophase via cyclization. <i>Advanced Materials</i> , 1992, 4, 572-576.	11.1	28
23	Preparation of a new polyamide macromer having a vinylbenzyl group from bicyclic oxalactam and its radical copolymerization with styrene. <i>Polymer Bulletin</i> , 1984, 11, 121.	1.7	25
24	Light scattering from a nematic monodomain in an electric field Twist elastic constant and viscosity coefficient of nematic polymer-solvent mixtures. <i>Liquid Crystals</i> , 1992, 12, 961-971.	0.9	24
25	Vinylbenzyl-Type Polyamide Macromer Synthesized from Bicyclic Oxalactam. Preparation and Characterization of Graft Copolymer Composed of Polystyrene as a Stock and Hydrophilic Polyamide as Branches. <i>Polymer Journal</i> , 1985, 17, 1045-1054.	1.3	20
26	Effect of molecular architecture on the electrorheological behavior of liquid crystal polymers in nematic solvents. <i>Rheologica Acta</i> , 1997, 36, 505-512.	1.1	17
27	At the Borderline between Glassy, Crystalline and Liquid Crystalline Macrocyclics ^{1a} . <i>Molecular Crystals and Liquid Crystals</i> , 1994, 238, 21-37.	0.3	9
28	Synthesis and Properties of Diamine-Modified Nylon 6-Clay Hybrid.. <i>Kobunshi Ronbunshu</i> , 1995, 52, 440-444.	0.2	7
29	Liquid Crystalline Polymers with Cyclic and Hyperbranched Structures. <i>Kobunshi</i> , 1995, 44, 448-448.	0.0	0