

Akira

List of Publications by Year in descending order

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19
papers

571
citations

933447

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940533

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21
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21
docs citations

21
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradable epoxy resins prepared from diepoxide monomer with dynamic covalent disulfide linkage. <i>Polymer</i> , 2016, 82, 319-326.	3.8	130
2	Thermally Adjustable Dynamic Disulfide Linkages Mediated by Highly Air-Stable 2,2,6,6-tetramethylpiperidine-sulfanyl (TEMPS) Radicals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2016-2021.	13.8	85
3	Thermally Healable and Reprocessable Bis(hindered amino)disulfide-Cross-Linked Polymethacrylate Networks. <i>ACS Macro Letters</i> , 2017, 6, 1280-1284.	4.8	83
4	Double 1,4-rhodium migration cascade in rhodium-catalysed arylative ring-opening/spirocyclisation of (3-arylcyclobutylidene)acetates. <i>Chemical Communications</i> , 2012, 48, 2988.	4.1	62
5	Study of photopolymers. XXXIV. Etherification and esterification reactions of polymers with (o, m, or p)-substituted phthalic anhydride resulting polymers. <i>Journal of Polymer Science Part A</i> , 1990, 28, 105-117.	2.3	55
6	Fusion of Different Crosslinked Polymers Based on Dynamic Disulfide Exchange. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4294-4298.	13.8	48
7	Enhancement of the stimuli-responsiveness and photo-stability of dynamic diselenide bonds and diselenide-containing polymers by neighboring aromatic groups. <i>Polymer</i> , 2018, 154, 281-290.	3.8	30
8	Use of Bis(2,2,6,6-tetramethylpiperidin-1-yl)trisulfide as a Dynamic Covalent Bond for Thermally Healable Cross-Linked Polymer Networks. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4054-4061.	4.4	16
9	Controlled ring-expansion polymerization of thiiranes based on cyclic aromatic thiourethane initiator. <i>Journal of Polymer Science Part A</i> , 2019, 57, 2442-2449.	2.3	15
10	Thioacyl-Transfer Ring-Expansion Polymerization of Thiiranes Based on a Cyclic Dithiocarbamate Initiator. <i>Macromolecules</i> , 2020, 53, 5227-5236.	4.8	11
11	Fusion of Different Crosslinked Polymers Based on Dynamic Disulfide Exchange. <i>Angewandte Chemie</i> , 2020, 132, 4324-4328.	2.0	10
12	Facile modification and fixation of diaryl disulphide-containing dynamic covalent polyesters by iodine-catalysed insertion-like addition reactions of styrene derivatives to disulphide units. <i>Polymer Chemistry</i> , 2016, 7, 4661-4666.	3.9	6
13	Effect of bulky 2,6-bis(spirocyclohexyl)-substituted piperidine rings in bis(hindered amino)trisulfide on thermal healability of polymethacrylate networks. <i>Materials Advances</i> , 2021, 2, 7709-7714.	5.4	6
14	POSS cage-scrambling-induced gelation of POSS-pendant random copolymers catalyzed by fluoride anions. <i>Polymer Journal</i> , 2021, 53, 1213-1222.	2.7	6
15	Synthesis of Boratrane-pendant Random Copolymers by Side-chain Modification. <i>Chemistry Letters</i> , 2021, 50, 1993-1996.	1.3	5
16	Refractive Index Modulation by Photo-Fries Rearrangement of Main Chain-Type Aromatic Polyurethanes. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2019, 32, 243-247.	0.3	2
17	Lewis Adduct-Dissociating Hydrolysis of Boratrane for Water-Triggered Dehydration of Copolymers with a Hydrophobic Moiety. <i>ACS Macro Letters</i> , 0, , 766-771.	4.8	1
18	Rücktitelbild: Fusion of Different Crosslinked Polymers Based on Dynamic Disulfide Exchange (<i>Angew.</i>)	2.0	0

#	ARTICLE	IF	CITATIONS
19	Repairing and Reprocessing of Cross-linked Polymers Based on Thermally Exchangeable Disulfide Bond. The Proceedings of the Materials and Processing Conference, 2018, 2018.26, 815.	0.0	0