

Junko Aimi

List of Publications by Year in descending order

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23
papers

941
citations

567281

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28
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-Free Luminescent Organic Liquids. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3391-3395.	13.8	187
2	Nonvolatile liquid anthracenes for facile full-colour luminescence tuning at single blue-light excitation. <i>Nature Communications</i> , 2013, 4, 1969.	12.8	167
3	Soft Poly(butyl acrylate) Side Chains toward Intrinsically Stretchable Polymeric Semiconductors for Field-Effect Transistor Applications. <i>Macromolecules</i> , 2017, 50, 4982-4992.	4.8	92
4	Chiroptical Sensing of Asymmetric Hydrocarbons Using a Homochiral Supramolecular Box from a Bimetalloporphyrin Rotamer. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2031-2035.	13.8	56
5	Conformational Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a Conjugated Zinc Bisporphyrin Rotamer. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5153-5156.	13.8	52
6	Phthalocyanine-Cored Star-Shaped Polystyrene for Nano Floating Gate in Nonvolatile Organic Transistor Memory Device. <i>Advanced Electronic Materials</i> , 2016, 2, 1500300.	5.1	47
7	A star polymer with a metallo-phthalocyanine core as a tunable charge storage material for nonvolatile transistor memory devices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2724-2732.	5.5	38
8	Mechanochromic double network hydrogels as a compression stress sensor. <i>Polymer Chemistry</i> , 2020, 11, 6423-6428.	3.9	31
9	CdSe Nanocrystal/C60-liquid composite material with enhanced photoelectrochemical performance. <i>Journal of Materials Chemistry</i> , 2012, 22, 22370.	6.7	30
10	Synthesis of well-defined PCL- <i>b</i> -PnBA- <i>b</i> -PMMA ABC-type triblock copolymers: toward the construction of nanostructures in epoxy thermosets. <i>Polymer Chemistry</i> , 2018, 9, 5644-5654.	3.9	30
11	Excitation Energy Migration Processes in Self-Assembled Porphyrin Boxes Constructed by Conjugated Porphyrin Dimers. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9157-9164.	2.6	20
12	Synthesis and self-assembly of phthalocyanine-tethered block copolymers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2484-2490.	5.5	20
13	Synthesis of Novel 4-Star Copolymers with Poly(<i>N</i> -Octyl Benzamide) and Poly(μ -Caprolactone) Miktoarms through Chain-Growth Condensation Polymerization, Styrenics-Assisted Atom Transfer Radical Coupling, and Ring-Opening Polymerization. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600607.	3.9	19
14	Synthesis of Poly(vinylacetylene) Block Copolymers by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2008, 41, 9522-9524.	4.8	14
15	Effects of various Cu(0), Fe(0), and proanthocyanidin reducing agents on Fe(<i>scp</i>)-catalysed ATRP for the synthesis of PMMA block copolymers and their self-assembly behaviours. <i>Polymer Chemistry</i> , 2020, 11, 5147-5155.	3.9	14
16	Fabrication of solution-processable OFET memory using a nano-floating gate based on a phthalocyanine-cored star-shaped polymer. <i>Materials Advances</i> , 2022, 3, 3128-3134.	5.4	13
17	Nanostructured Cocrystals of a Borazine with [60]Fullerene. <i>Chemistry Letters</i> , 2012, 41, 1210-1212.	1.3	10
18	Synthesis of poly(styrene)- <i>b</i> -poly(2-vinyl pyridine) four-arm star block copolymers via ATRP and their self-assembly behaviors. <i>Polymer</i> , 2021, 213, 123212.	3.8	10

#	ARTICLE	IF	CITATIONS
19	Synthesis of Poly(ϵ -caprolactone)-Based Miktoarm Star Copolymers through ROP, SA ATRC, and ATRP. <i>Polymers</i> , 2018, 10, 858.	4.5	9
20	Miktoarm Star Copolymers Prepared by Transformation from Enhanced Spin Capturing Polymerization to Nitroxide-Mediated Polymerization (ESCP- A^{\dagger} -NMP) toward Nanomaterials. <i>Nanomaterials</i> , 2021, 11, 2392.	4.1	2
21	Fullerene-Based Self-Assembled Morphological Materials. <i>World Scientific Series on Carbon Nanoscience</i> , 2012, , 189-216.	0.1	1
22	Inside Cover: ϵ -Conformational ϵ -Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a C^{\dagger} -Conjugated Zinc Bisporphyrin Rotamer (<i>Angew. Chem. Int. Ed.</i>) Tj ETQq0 0 0 ngBT /Overlock 10 Tf		
23	Innentitelbild: ϵ -Conformational ϵ -Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a C^{\dagger} -Conjugated Zinc Bisporphyrin Rotamer (<i>Angew. Chem.</i> 28/2008). <i>Angewandte Chemie</i> , 2008, 120, 5174-5174.	2.0	0