

Sheng Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8967239/publications.pdf>

Version: 2024-02-01

16
papers

370
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

246
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible <i>cis-cisoid</i> to <i>cis-transoid</i> Helical Structure Transition in Poly(3,5-disubstituted phenylacetylene)s. <i>Macromolecules</i> , 2016, 49, 8407-8417.	4.8	59
2	Helical Conformations of Poly(3,5-disubstituted phenylacetylene)s Tuned by Pendant Structure and Solvent. <i>Macromolecules</i> , 2017, 50, 3489-3499.	4.8	54
3	Allosteric Mimicking Self-assembly of Helical Poly(phenylacetylene) Block Copolymers and the Chirality Transfer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9686-9692.	13.8	51
4	Polymerization-Induced Self-Assembly of Conjugated Block Copoly(phenylacetylene)s. <i>Macromolecules</i> , 2020, 53, 1638-1644.	4.8	41
5	Light-regulated growth from dynamic swollen substrates for making rough surfaces. <i>Nature Communications</i> , 2020, 11, 963.	12.8	36
6	Branched Anion-Conducting Poly(arylene alkylene)s for Alkaline Membrane Fuel Cells. <i>ACS Applied Energy Materials</i> , 2022, 5, 2462-2473.	5.1	27
7	Thermoswitching of Helical Inversion of Dynamic Polyphenylacetylenes through <i>cis-trans</i> Isomerization of Amide Pendants. <i>Macromolecules</i> , 2021, 54, 4592-4600.	4.8	22
8	Hydrogen bonds driven conformation autoregulation and sol-gel transition of poly(3,5-disubstituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 26	8.4	11
9	Growing Strategy for Postmodifying Cross-Linked Polymers' Bulky Size, Shape, and Mechanical Properties. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8473-8481.	8.0	11
10	Synthesis and thermo-responsive behavior of helical polyacetylenes derived from proline. <i>Chemical Communications</i> , 2018, 54, 12081-12084.	4.1	10
11	Nonequilibrium Transesterification for Programming a Material's Stiffening. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3227-3232.	4.4	10
12	Folding fluorescent probes for self-reporting transesterification in dynamic polymer networks. <i>Materials Horizons</i> , 2021, 8, 1481-1487.	12.2	10
13	Doublet Chirality Transfer and Reversible Helical Transition in Poly(3,5-disubstituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 570-576.	4.9	9
14	A two-dimensional Bi-based porphyrin metal-organic framework photocatalyst for white light-driven selective oxidation of sulfides. <i>Catalysis Science and Technology</i> , 2022, 12, 3254-3260.	4.1	9
15	Tunable <i>Cis-cisoid</i> Helical Conformation of Poly(3,5-disubstituted phenylacetylene)s Stabilized by π - π^* Interaction. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020, 38, 685-695.	3.8	8
16	In Situ Variation of Interpenetrating Polymer Network Topology using a Photolabile Connector. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022, 40, 1317-1322.	3.8	2