

# Sheng Wang

## List of Publications by Year in descending order

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16  
papers

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citations

933447

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940533

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docs citations

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times ranked

246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Growing Strategy for Postmodifying Cross-Linked Polymers <sup>TM</sup> Bulky Size, Shape, and Mechanical Properties. ACS Applied Materials & Interfaces, 2022, 14, 8473-8481.	8.0	11
2	Branched Anion-Conducting Poly(arylene alkylene)s for Alkaline Membrane Fuel Cells. ACS Applied Energy Materials, 2022, 5, 2462-2473.	5.1	27
3	A two-dimensional Bi-based porphyrin metal <sup>o</sup> organic framework photocatalyst for white light-driven selective oxidation of sulfides. Catalysis Science and Technology, 2022, 12, 3254-3260.	4.1	9
4	In Situ Variation of Interpenetrating Polymer Network Topology using a Photolabile Connector. Chinese Journal of Polymer Science (English Edition), 2022, 40, 1317-1322.	3.8	2
5	Allostery <sup>o</sup> Mimicking Self <sup>o</sup> assembly of Helical Poly(phenylacetylene) Block Copolymers and the Chirality Transfer. Angewandte Chemie - International Edition, 2021, 60, 9686-9692.	13.8	51
6	Thermoswitching of Helical Inversion of Dynamic Polyphenylacetylenes through <i>cis-trans</i> Isomerization of Amide Pendants. Macromolecules, 2021, 54, 4592-4600.	4.8	22
7	Folding fluorescent probes for self-reporting transesterification in dynamic polymer networks. Materials Horizons, 2021, 8, 1481-1487.	12.2	10
8	Doublet Chirality Transfer and Reversible Helical Transition in Poly(3,5-disubstituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (ph 570-576.	4.9	9
9	Tunable Cis-cisoid Helical Conformation of Poly(3,5-disubstituted phenylacetylene)s Stabilized by n <sup>+</sup> π <sup>*</sup> Interaction. Chinese Journal of Polymer Science (English Edition), 2020, 38, 685-695.	3.8	8
10	Polymerization-Induced Self-Assembly of Conjugated Block Copoly(phenylacetylene)s. Macromolecules, 2020, 53, 1638-1644.	4.8	41
11	Light-regulated growth from dynamic swollen substrates for making rough surfaces. Nature Communications, 2020, 11, 963.	12.8	36
12	Nonequilibrium Transesterification for Programming a Material <sup>o</sup> s Stiffening. ACS Applied Polymer Materials, 2019, 1, 3227-3232.	4.4	10
13	Hydrogen bonds driven conformation autoregulation and sol-gel transition of poly(3,5-disubstituted) Tj ETQq1 1 0.784314 rgBT /Ove 5.4 11	5.4	11
14	Synthesis and thermo-responsive behavior of helical polyacetylenes derived from proline. Chemical Communications, 2018, 54, 12081-12084.	4.1	10
15	Helical Conformations of Poly(3,5-disubstituted phenylacetylene)s Tuned by Pendant Structure and Solvent. Macromolecules, 2017, 50, 3489-3499.	4.8	54
16	Reversible <i>Cis-Cisoid</i> to <i>Cis-Transoid</i> Helical Structure Transition in Poly(3,5-disubstituted phenylacetylene)s. Macromolecules, 2016, 49, 8407-8417.	4.8	59