

# Zhihui Miao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10787892/publications.pdf>

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9  
papers

221  
citations

1307594

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1474206

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10  
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docs citations

10  
times ranked

155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic polyacetylene. <i>Nature Chemistry</i> , 2021, 13, 792-799.	13.6	51
2	pH-Responsive Water-Soluble Cyclic Polymer. <i>Macromolecules</i> , 2019, 52, 6260-6265.	4.8	45
3	Cyclic Poly(4-methyl-1-pentene): Efficient Catalytic Synthesis of a Transparent Cyclic Polymer. <i>Macromolecules</i> , 2020, 53, 7774-7782.	4.8	40
4	Ultra-High-Molecular-Weight Macrocyclic Bottlebrushes via Post-Polymerization Modification of a Cyclic Polymer. <i>Macromolecules</i> , 2020, 53, 9717-9724.	4.8	36
5	Soluble Polymer Precursors via Ring-Expansion Metathesis Polymerization for the Synthesis of Cyclic Polyacetylene. <i>Macromolecules</i> , 2021, 54, 7840-7848.	4.8	19
6	Semi-conducting cyclic copolymers of acetylene and propyne. <i>Reactive and Functional Polymers</i> , 2021, 169, 105088.	4.1	11
7	Facile synthesis and self-assembly of amphiphilic polydimethylsiloxane with poly(ethylene glycol) moieties via thiol-ene click reaction. <i>RSC Advances</i> , 2015, 5, 50955-50961.	3.6	9
8	Self-assembly oxygen sensing thin film based on a Ru( $\text{II}$ ) complex covalently grafted to porous anodized alumina oxide (AAO) templates. <i>RSC Advances</i> , 2015, 5, 65627-65634.	3.6	7
9	Sensitive and fluorescence "turn-on" detection of BRCA1 and TB4 DNA sequences using water-soluble conjugated polythiophenes. <i>Analytical Methods</i> , 2015, 7, 5814-5819.	2.7	3