

Xin Wang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Ionic H-bonding organocatalysts for the ring-opening polymerization of cyclic esters and cyclic carbonates. <i>Progress in Polymer Science</i> , 2022, 125, 101484.	24.7	26
2	Non-metal with metal behavior: metal-free coordination-insertion ring-opening polymerization. <i>Chemical Science</i> , 2021, 12, 10732-10741.	7.4	5
3	Boron-catalyzed Polymerization of Dienyltriphenylarsonium Ylides: On the Way to Pure C5 Polymerization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8431-8434.	13.8	10
4	Boron-catalyzed Polymerization of Dienyltriphenylarsonium Ylides: On the Way to Pure C5 Polymerization. <i>Angewandte Chemie</i> , 2021, 133, 8512-8515.	2.0	4
5	Steric Hindrance Drives the Boron-initiated Polymerization of Dienyltriphenylarsonium Ylides to Photoluminescent C5-Polymers. <i>Angewandte Chemie</i> , 2021, 133, 22643-22651.	2.0	2
6	Steric Hindrance Drives the Boron-initiated Polymerization of Dienyltriphenylarsonium Ylides to Photoluminescent C5-Polymers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22469-22477.	13.8	9
7	Diblock dialternating terpolymers by one-step/one-pot highly selective organocatalytic multimonomer polymerization. <i>Nature Communications</i> , 2021, 12, 7124.	12.8	39
8	Poly(amine-co-ester)s by Binary Organocatalytic Ring-Opening Polymerization of <i>N</i> -Boc-1,4-oxazepan-7-one: Synthesis, Characterization, and Self-Assembly. <i>Macromolecules</i> , 2020, 53, 223-232.	4.8	12
9	Organocatalytic Ring-Opening Polymerization of <i>N</i> -Acyated-1,4-oxazepan-7-ones Toward Well-Defined Poly(ester amide)s: Biodegradable Alternatives to Poly(2-oxazoline)s. <i>ACS Macro Letters</i> , 2020, 9, 464-470.	4.8	18
10	Brønsted base mediated one-pot synthesis of catechol-ended amphiphilic polysarcosine- <i>b</i> -poly(<i>N</i> -butyl glycine) diblock copolypeptoids. <i>Pure and Applied Chemistry</i> , 2019, 91, 363-374.	1.9	2
11	A switch from anionic to bifunctional H-bonding catalyzed ring-opening polymerizations towards polyether-polyester diblock copolymers. <i>Polymer Chemistry</i> , 2018, 9, 154-159.	3.9	22
12	Amphiphilic star-shaped poly(sarcosine)-block-poly(μ -caprolactone) diblock copolymers: one-pot synthesis, characterization, and solution properties. <i>Journal of Materials Chemistry B</i> , 2017, 5, 679-690.	5.8	24
13	Organocatalyzed Anionic Ring-Opening Polymerizations of <i>N</i> -Sulfonyl Aziridines with Organic Superbases. <i>ACS Macro Letters</i> , 2017, 6, 1331-1336.	4.8	53
14	Traceless switch organocatalysis enables multiblock ring-opening copolymerizations of lactones, carbonates, and lactides: by a one plus one approach in one pot. <i>Polymer Chemistry</i> , 2016, 7, 6297-6308.	3.9	39
15	One-Pot Clovebox-Free Synthesis, Characterization, and Self-Assembly of Novel Amphiphilic Poly(Sarcosine- <i>b</i> - μ -Caprolactone) Diblock Copolymers. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1954-1959.	3.9	15
16	A base-conjugate-acid pair for living/controlled ring-opening polymerization of trimethylene carbonate through hydrogen-bonding bifunctional synergistic catalysis. <i>Polymer Chemistry</i> , 2014, 5, 6051-6059.	3.9	49
17	Phytic acid: a biogenic organocatalyst for one-pot Biginelli reactions to 3,4-dihydropyrimidin-2(1H)-ones/thiones. <i>RSC Advances</i> , 2014, 4, 19710-19715.	3.6	39