

Caiyun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

370
citations

840776

11
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	A bio-based low dielectric material at a high frequency derived from resveratrol. <i>Polymer Chemistry</i> , 2021, 12, 402-407.	3.9	24
2	Carbohydrate-lectin recognition of well-defined heterogeneous dendronized glycopolymers: systematic studies on the heterogeneity in glycopolymer-lectin binding. <i>Polymer Chemistry</i> , 2021, 12, 4722-4735.	3.9	1
3	A biobased low dielectric resin derived from vanillin and guaiacol. <i>Polymer Chemistry</i> , 2021, 12, 766-770.	3.9	15
4	New organic-inorganic hybrid materials: high refractive index polymers based on cyclotriphosphazene with high thermostability and transparency. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5826-5832.	5.9	9
5	The bio-based phthalocyanine resins with high T _g and high char yield derived from vanillin. <i>Polymer</i> , 2021, 224, 123723.	3.8	13
6	Low-Dielectric Polymers Derived From Biomass. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2835-2848.	4.4	36
7	A highly heat-resistant phthalocyanine resin based on a bio-based anethole. <i>European Polymer Journal</i> , 2021, 157, 110645.	5.4	9
8	Phosphorus- and Sulfur-Containing High-Refractive-Index Polymers with High <i>T_g</i> and Transparency Derived from a Bio-Based Aldehyde. <i>Macromolecules</i> , 2020, 53, 125-131.	4.8	43
9	Biomass materials derived from anethole: conversion and application. <i>Polymer Chemistry</i> , 2020, 11, 954-963.	3.9	26
10	Gel-Sol Transition of Vanillin-Based Polyimine Vitrimers: Imparting Vitrimers with Extra Welding and Self-Healing Abilities. <i>ACS Applied Polymer Materials</i> , 2020, 2, 295-303.	4.4	39
11	Precise synthesis of heterogeneous glycopolymers with well-defined saccharide motifs in the side chain via post-polymerization modification and recognition with lectin. <i>Journal of Polymer Science</i> , 2020, 58, 2074-2087.	3.8	4
12	Low Dielectric Polymers with High Thermostability Derived from Biobased Vanillin. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15013-15019.	6.7	35
13	Resveratrol-Based Fluorinated Materials with High Thermostability and Good Dielectric Properties at High Frequency. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16905-16911.	6.7	17
14	Sustainable alternative to bisphenol A epoxy resin: high-performance recyclable epoxy vitrimers derived from protocatechuic acid. <i>Polymer Chemistry</i> , 2020, 11, 4500-4506.	3.9	67
15	Understanding how intrinsic micro-pores affect the dielectric properties of polymers: an approach to synthesize ultra-low dielectric polymers with bulky tetrahedral units as cores. <i>Polymer Chemistry</i> , 2020, 11, 2674-2680.	3.9	27
16	Synthesis of well-defined heteroglycopolymers <i>via</i> combining sequential click reactions and PPM: the effects of linker and heterogeneity on Con A binding. <i>Polymer Chemistry</i> , 2020, 11, 3054-3065.	3.9	5