

Hai Wang

List of Publications by Year in descending order

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28
papers

797
citations

840585

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h-index

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25
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28
all docs

28
docs citations

28
times ranked

1030
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Development in Chemical Depolymerization of Lignin: A Review. Hindawi Journal of Chemistry, 2013, 2013, 1-9.	1.6	189
2	Persistent organic pollutants in water and surface sediments of Taihu Lake, China and risk assessment. Chemosphere, 2003, 50, 557-562.	4.2	114
3	Refinement of the Crystal Structures of Forms I and II of Isotactic Polybutene-1 and a Proposal of Phase Transition Mechanism between Them. Macromolecules, 2016, 49, 1392-1404.	2.2	104
4	Retardance of Form II to Form I Transition in Polybutene-1 at Late Stage: A Proposal of a New Mechanism. Macromolecules, 2018, 51, 2232-2239.	2.2	83
5	Mussel-Inspired Self-Adhesive, Antidrying, and Antifreezing Poly(acrylic acid)/Bentonite/Polydopamine Hybrid Glycerol-Hydrogel and the Sensing Application. ACS Applied Polymer Materials, 2020, 2, 3094-3106.	2.0	67
6	A highly stretchable natural rubber/buckypaper/natural rubber (NR/N-BP/NR) sandwich strain sensor with ultrahigh sensitivity. Advanced Composites and Hybrid Materials, 2021, 4, 1039-1047.	9.9	60
7	<sc>MWCNTs</sc> reinforced conductive, self-healing polyvinyl alcohol/carboxymethyl chitosan/oxidized sodium alginate hydrogel as the strain sensor. Journal of Applied Polymer Science, 2021, 138, 49800.	1.3	25
8	Hierarchical structure of polybutene-1 in crystal blocks resulting from the form II to I solid-to-solid transition as revealed by small-angle X-ray scattering. Polymer, 2020, 195, 122425.	1.8	22
9	Rapid Method for Multi-residue Determination of Avermectins in Bovine Liver Using High-performance Liquid Chromatography with Fluorescence Detection. Bulletin of Environmental Contamination and Toxicology, 2009, 82, 395-398.	1.3	19
10	Destruction and Reorganization of Physically Cross-Linked Network of Thermoplastic Polyurethane Depending on Its Glass Transition Temperature. ACS Applied Polymer Materials, 2019, 1, 3074-3083.	2.0	17
11	Sulfur-substitution-enhanced crystallization and crystal structure of poly(trimethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 34	4.8	15
12	The effect of a small amount of modified microfibrillated cellulose and ethylene glycidyl methacrylate copolymer on the crystallization behaviors and mechanical properties of polylactic acid. Polymer Bulletin, 2018, 75, 3377-3394.	1.7	12
13	Lamellar Thickness Dependence of Crystal Modification Selection in the Syndiotactic Polystyrene β^3 -to- β^2 Phase Transition Process. Macromolecules, 2018, 51, 497-503.	2.2	10
14	Quantification of Nitroimidazoles Residues in Swine Liver by Liquid Chromatography-Mass Spectrometry with Atmospheric Pressure Chemical Ionization. Bulletin of Environmental Contamination and Toxicology, 2009, 82, 411-414.	1.3	8
15	PERSISTENT ORGANIC POLLUTANTS (POPs) IN SURFACE SEDIMENTS OF DONGHU LAKE, WUHAN, HUBEI, CHINA. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2002, 37, 499-507.	0.9	7
16	Equilibrium Crystallization Temperature of Syndiotactic Polystyrene β^3 Form. Chinese Journal of Polymer Science (English Edition), 2018, 36, 749-755.	2.0	7
17	Rheological properties of UHMWPE/HDPE blend gels and morphology and mechanical properties of gel-spun fibers. Polymer Engineering and Science, 2021, 61, 2127-2136.	1.5	7
18	Thermomechanical and Rheological Studies of Copolymers of Methyl Methacrylate with a Series of Linear Vinyl Esters. Industrial & Engineering Chemistry Research, 2013, 52, 5111-5119.	1.8	6

#	ARTICLE	IF	CITATIONS
19	Poly (ethylene terephthalate) nonwoven fabrics-based membranes modified by electrospinning of thermoplastic polyurethane, nano SiO ₂ and Ag particles as medical packing materials. Packaging Technology and Science, 2022, 35, 557-567.	1.3	6
20	Determination of Trenbolone Residual in Bovine Liver by Liquid Chromatography-Mass Spectrometry. Bulletin of Environmental Contamination and Toxicology, 2009, 82, 415-418.	1.3	5
21	Transcrystallization in Polymer Composites and Nanocomposites. , 2018, , 341-365.		3
22	Effect of Methoxy Side Groups on the Crystal Structures of a Series of Syndiotactic Polymethoxystyrenes as Studied by the X-ray Diffraction Data Analysis. Macromolecules, 2021, 54, 1881-1893.	2.2	3
23	The investigation of the growth and perfection of the poly(ethylene terephthalate) crystalline region from amorphous state during annealing using a controlled temperature gradient. Polymer Crystallization, 2021, 4, e10178.	0.5	3
24	Rheological behavior of ultrahigh molecular weight polyethylene/low-density polyethylene blending gels with high solid content. Polymer Engineering and Science, 2018, 58, 22-27.	1.5	2
25	A poly(vinyl alcohol)/poly(stearyl acrylate) core-shell fibers with robust performance realized by taking advantages of the phase change property. Journal of Applied Polymer Science, 2022, 139, 51794.	1.3	2
26	Sidewall fluorination and hydrogenation of single-walled carbon nanotubes: a density functional theory study. Frontiers of Physics in China, 2009, 4, 393-397.	1.0	1
27	Morphology transition of micron-thick linear low-density polyethylene films and the construction of nested spherulitic crystals via combinatorial methodology. Polymer Crystallization, 2021, 4, e10163.	0.5	0
28	Polyethersulfone foam with aligned porous structure from frozen solvent templating for high-performance thermal insulation. Journal of Materials Science, 0, , .	1.7	0