

Libin Bai

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

462
citations

933447

10
h-index

713466

21
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38
all docs

38
docs citations

38
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of allylamine-grafted cellulose by Ce(IV): a desirable candidate of oral phosphate binders. <i>Polymer Bulletin</i> , 2021, 78, 2537-2552.	3.3	1
2	Synthesis of linear polyglucoside and inhibition on the amyloid fibril formation of hen egg white lysozyme. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 771-777.	7.5	10
3	Facile Fabrication of Multiresponsive Self-Healing Hydrogels with Logic-Gate Responses. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2000339.	2.2	6
4	One-Pot Free Radical Polymerization/Hydroxyl-Isocyanate Reaction: A Facile Strategy to Synthesize Hyperbranched Glycopoly(MaM/IM) with Tunable Structures. <i>Macromolecules</i> , 2021, 54, 2068-2078.	4.8	0
5	Effective Synthesis of Ladder-type Oligo(<i>p</i> -aniline)s and Poly(<i>p</i> -aniline)s via Intramolecular S _N Ar Reaction. <i>Organic Letters</i> , 2021, 23, 2217-2221.	4.6	9
6	A novel fluorescent glycopolymer for endogenous hydrogen peroxide imaging in living cells in a fully aqueous environment. <i>Polymer Journal</i> , 2020, 52, 481-491.	2.7	1
7	Facile One-Pot Synthesis of Hyperbranched Glycopolymers in Aqueous Solution via a Hydroxy/Cu(III) Redox Process. <i>Polymers</i> , 2020, 12, 2065.	4.5	0
8	Development of a halloysite nanotube-based 19F NMR probe as a promising detection tool for H ₂ O ₂ . <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	2
9	Effect of curcumin derivatives on hen egg white lysozyme amyloid fibrillation and their interaction study by spectroscopic methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117365.	3.9	31
10	A novel surface modification method upon halloysite nanotubes: A desirable cross-linking agent to construct hydrogels. <i>Applied Clay Science</i> , 2019, 182, 105259.	5.2	34
11	A facile one-step grafting of polyphosphonium onto halloysite nanotubes initiated by Ce(IV). <i>Chemical Communications</i> , 2019, 55, 1040-1043.	4.1	33
12	Facile preparation of hyperbranched glycopolymers via an AB ₃ * inimer promoted by a hydroxy/cerium(IV) redox process. <i>Polymer Chemistry</i> , 2018, 9, 5024-5031.	3.9	10
13	Hyperbranched Glycopolymers of 2-(1-d-Mannopyranose) Ethyl Methacrylate and N,N'-Methylenebisacrylamide: Synthesis, Characterization and Multivalent Recognitions with Concanavalin A. <i>Polymers</i> , 2018, 10, 171.	4.5	7
14	Microwave-assisted synthesis of 4,9-linked pyrene-based ladder conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1285-1288.	2.3	9
15	Facile preparation of thermosensitive and water-soluble fluorescent polymer containing curcumin and its cell imaging. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 907-914.	3.4	1
16	A Novel Water-Soluble Fluorescence Probe with Wash-Free Cellular Imaging Capacity Based on AIE Characteristics. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600684.	3.9	15
17	Smart H ₂ O ₂ -Responsive Drug Delivery System Made by Halloysite Nanotubes and Carbohydrate Polymers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31626-31633.	8.0	77
18	The Synthesis of Backbone Thermo and pH Responsive Hyperbranched Poly(Bis(N,N-Propyl Acryl) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 6	4.5	5

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19	Facile preparation and evaluation of allylamine hydrochloride-based porous hydrogel without calcium and aluminum: an alternative candidate of phosphate binder. <i>Polymer Bulletin</i> , 2016, 73, 3371-3384.	3.3	1
20	Synthesis, characterization and fluorescent properties of water-soluble glycopolymer bearing curcumin pendant residues. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1451-1458.	1.3	3
21	Ladder-Type Perylene Diimides Linked by Pyrene Bridges at Bay Area. <i>ChemistrySelect</i> , 2016, 1, 267-271.	1.5	10
22	Synthesis and characterization of curcumin-incorporated glycopolymers with enhanced water solubility and reduced cytotoxicity. <i>Macromolecular Research</i> , 2016, 24, 655-662.	2.4	3
23	A novel water-soluble fluorescent polymer based on perylene bisimides dyes: one-pot preparation and its bio-imaging. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 455-471.	3.5	9
24	Preparation of the Water-Soluble Pyrene-Containing Fluorescent Polymer by One-Pot Method. <i>Polymers</i> , 2015, 7, 2625-2637.	4.5	7
25	Preparation of the water-soluble fluorene-containing fluorescent polymer by one-pot method. <i>Macromolecular Research</i> , 2015, 23, 891-897.	2.4	8
26	Selective Modification of Halloysite Nanotubes with 1-Pyrenylboronic Acid: A Novel Fluorescence Probe with Highly Selective and Sensitive Response to Hydroperoxide. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23805-23811.	8.0	56
27	Synthesis backbone-dual-responsive of hyperbranched poly(bis(N,N-ethyl acrylamide))s by RAFT. <i>Macromolecular Research</i> , 2014, 22, 1196-1202.	2.4	6
28	Water-Soluble Fluorescent Probes Based on Dendronized Polyfluorenes for Cell Imaging. <i>Macromolecular Rapid Communications</i> , 2013, 34, 539-547.	3.9	15
29	Preparation of porous functional polymer by a simple method and its application in high performance liquid chromatography. <i>Analytical Methods</i> , 2012, 4, 2948.	2.7	3
30	Facile Synthesis of Linear and Hyperbranched Ladder Poly(p-Phenylene)s without Structural Defects. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1787-1790.	3.9	8
31	Helical columnar liquid crystals based on dendritic peptides substituted perylene bisimides. <i>Journal of Materials Chemistry</i> , 2011, 21, 15975.	6.7	39
32	Synthesis and characterization of the novel inimer-containing fluorene units and preparation of blue light-emitting polymers. <i>Polymer Bulletin</i> , 2011, 67, 427-439.	3.3	0
33	Grafting of 4-Vinyl Pyridine onto Nylon-6 Initiated by Redox System. <i>Chinese Journal of Chemistry</i> , 2011, 29, 351-355.	4.9	4
34	Crystal morphology, melting behaviors and isothermal crystallization kinetics of SCF/PTT composites. <i>Polymer Composites</i> , 2009, 30, 87-94.	4.6	19
35	Kinetics of graft copolymerization of poly(hexanedioic acid ethylene glycol) and methyl acrylate initiated by potassium doperiodatocuprate(III). <i>Journal of Applied Polymer Science</i> , 2007, 103, 2376-2381.	2.6	7
36	Block copolymerization of poly(diethylene glycol phthalic anhydride) and methyl methacrylate initiated by potassium doperiodatonickelate(IV). <i>Journal of Applied Polymer Science</i> , 2006, 100, 1312-1317.	2.6	1

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37	Graft copolymerization of styrene onto casein initiated by potassium doperiodatonickelate (IV) in alkaline medium. Journal of Applied Polymer Science, 2006, 100, 4247-4251.	2.6	7
38	Block copolymerization of poly(ethylene glycol) and methyl acrylate using potassium doperiodatocuprate(III). Journal of Applied Polymer Science, 2005, 96, 2139-2145.	2.6	5