Li Jia

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3184370/publications.pdf

Version: 2024-02-01

34	722	623734	552781
papers	citations	14 h-index	26 g-index

35	35	35	768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wearable and Washable Conductors for Active Textiles. ACS Applied Materials & Interfaces, 2017, 9, 25542-25552.	8.0	118
2	Antifouling Poly(Î²-peptoid)s. Biomacromolecules, 2011, 12, 2573-2582.	5.4	83
3	Living Alternating Copolymerization of N-Alkylaziridines and Carbon Monoxide as a Route for Synthesis of Poly-Î²-peptoids. Journal of the American Chemical Society, 2002, 124, 7282-7283.	13.7	77
4	Mechanistic Studies of the Copolymerization Reaction of Aziridines and Carbon Monoxide to Produce Poly-Î²-peptoids. Journal of the American Chemical Society, 2004, 126, 13808-13815.	13.7	55
5	Copolymerization of carbon monoxide and aziridine. Chemical Communications, 2001, , 1436-1437.	4.1	41
6	Design of Catalytic Carbonylative Polymerizations of Heterocycles. Synthesis of Polyesters and Amphiphilic Poly(amide-block-ester)s. Journal of the American Chemical Society, 2004, 126, 14716-14717.	13.7	40
7	Cobalt-Catalyzed Carbonylative Copolymerization ofN-Alkylazetidines and Tetrahydrofuran. Angewandte Chemie - International Edition, 2006, 45, 129-131.	13.8	31
8	Cobalt-catalyzed alternating and nonalternating copolymerization of carbon monoxide with aziridine. Journal of Polymer Science Part A, 2003, 41, 376-385.	2.3	26
9	Supramolecular Elastomers: Self-Assembling Starâ€“Blocks of Soft Polyisobutylene and Hard Oligo(Î²-alanine) Segments. Macromolecules, 2015, 48, 1077-1086.	4.8	23
10	Regioregular poly(3â€alkanoylthiophene): Synthesis and electrochemical, photophysical, charge transport, and photovoltaic properties. Journal of Polymer Science Part A, 2010, 48, 4681-4690.	2.3	21
11	Poly(Î²-alanoid-block-Î²-alanine)s: synthesis via cobalt-catalyzed carbonylative polymerization and self-assembly. Chemical Communications, 2010, 46, 4273.	4.1	21
12	Supramolecular Elastomers. Particulate Î²-Sheet Nanocrystal-Reinforced Synthetic Elastic Networks. Macromolecules, 2016, 49, 2688-2697.	4.8	18
13	Zwitterionic Nickel(II) Catalyst for COâ€“Ethylene Alternating Copolymerization. Organometallics, 2015, 34, 4798-4801.	2.3	16
14	Zwitterionic Nickel(II) Catalysts for COâ€“Ethylene Alternating Copolymerization. Organometallics, 2017, 36, 1122-1132.	2.3	15
15	Urushiol-derived non-silane coupling agent. Polymer, 2017, 125, 172-181.	3.8	13
16	Zwitterionic Design Principle of Nickel(II) Catalysts for Carbonylative Polymerization of Cyclic Ethers. Angewandte Chemie - International Edition, 2018, 57, 14111-14115.	13.8	13
17	Stereochemistry of cobalt-catalyzed carbonylation of 2-oxazolines. Inorganica Chimica Acta, 2004, 357, 4024-4028.	2.4	12
18	The role of phosphine in cobalt-catalyzed carbonylative polymerization of N-alkylaziridine. Journal of Organometallic Chemistry, 2005, 690, 5150-5158.	1.8	12

#	Article	IF	Citations
19	Rubber Recycling: Mending the Interface between Ground Rubber Particles and Virgin Rubber. ACS Applied Materials & Interfaces, 2020, 12, 47957-47965.	8.0	10
20	Synthesis, structures, and alkene hydrosilation activities of neutral tripodal amidozirconium alkyls. Dalton Transactions RSC, 2002, , 2608-2615.	2.3	9
21	Ligand and solvent effects on the catalytic activity and lifetime of zwitterionic Nickel(II) catalysts for alternating CO-Ethylene copolymerization. Journal of Organometallic Chemistry, 2021, 952, 122045.	1.8	9
22	Supramolecular elastomers. Particulate Î²-sheet nanocrystal-reinforced synthetic elastic networks. Polymer, 2017, 121, 97-105.	3.8	8
23	Supramolecular reinforcement of styrene-butadiene rubber composites. Polymer, 2017, 122, 242-248.	3.8	8
24	Zwitterionic nickel(II) complexes: Synthesis, characterization, decomposition, and stoichiometric and catalytic reactivities. Journal of Organometallic Chemistry, 2016, 805, 94-99.	1.8	6
25	Activated Isobutylene-Isoprene Rubberâ€"Synthesis, Peroxide Cure, and Mechanical Properties. ACS Applied Polymer Materials, 2020, 2, 5163-5172.	4.4	5
26	Synthesis, characterization, and mechanical and dynamic mechanical studies of Î²-alanine trimer-grafted SBR. Polymer, 2018, 136, 62-70.	3.8	4
27	Modulating silicaâ€rubber interface by a biorenewable urushiol derivative. Synthesis, surface modification, and mechanical and dynamic mechanical properties of vulcanizates therefrom. Journal of Applied Polymer Science, 2018, 135, 45937.	2.6	4
28	Zwitterionic Design Principle of Nickel(II) Catalysts for Carbonylative Polymerization of Cyclic Ethers. Angewandte Chemie, 2018, 130, 14307-14311.	2.0	4
29	Dual-site catalysis for sustainable polymers to replace current commodity polymers â€“ carbonylative copolymerization of ethylene, ethylene oxide, and tetrahydrofuran. Chemical Communications, 2020, 56, 15341-15344.	4.1	4
30	Peroxide-Cured Isobutylene-Isoprene Rubber Composite: Methacrylate Coagent and Enhanced Mechanical Properties by In Situ Formed Methacrylate Domains. Industrial & Engineering Chemistry Research, 2021, 60, 2728-2735.	3.7	4
31	Reactive supramolecular filler for elastomer reinforcement. Polymer, 2017, 129, 12-20.	3.8	3
32	Design of Interfacial Crowding for Elastomeric Reinforcement with Nanocrystals. ACS Applied Materials & Interfaces, 2021, 13, 10349-10358.	8.0	3
33	Coordination chemistry of bidentate phosphine ligands with hydrogen-bonding arms: Picket-fence rhodium complexes. Polyhedron, 2014, 69, 156-159.	2.2	1
34	Zwitterionic Iron(II) Compounds: Synthesis, Reactivity, and Catalytic Carbonylative Polymerization of Cyclic Ethers. Organometallics, 2021, 40, 3361-3364.	2.3	0