Fang Guo

List of Publications by Year
in descending order

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29 papers	836 citations	623734 14 h-index	552781 26 g-index
29 all docs	29 docs citations	29 times ranked	741 citing authors

#	Article	IF	Citations
1	Half-Sandwich Rare-Earth-Catalyzed Olefin Polymerization, Carbometalation, and Hydroarylation. Accounts of Chemical Research, 2015, 48, 2209-2220.	15.6	297
2	Scandium-Catalyzed Cyclocopolymerization of 1,5-Hexadiene with Styrene and Ethylene: Efficient Synthesis of Cyclopolyolefins Containing Syndiotactic Styreneâ€“Styrene Sequences and Methylene-1,3-cyclopentane Units. Macromolecules, 2011, 44, 6335-6344.	4.8	75
3	Cycloterpolymerization of 1,6-Heptadiene with Ethylene and Styrene Catalyzed by a THF-Free Half-Sandwich Scandium Complex. Macromolecules, 2011, 44, 2400-2403.	4.8	57
4	Synthesis of aminoâ€containing syndiotactic polystyrene as efficient polymer support for palladium nanoparticles. Journal of Polymer Science Part A, 2015, 53, 5-9.	2.3	50
5	Scandium-Catalyzed Syndiospecific Polymerization of Halide-Substituted Styrenes and Their Copolymerization with Styrene. Macromolecules, 2017, 50, 8398-8405.	4.8	43
6	Scandium-catalyzed copolymerization of myrcene with ethylene and propylene: convenient syntheses of versatile functionalized polyolefins. Polymer Chemistry, 2018, 9, 1223-1233.	3.9	28
7	Syndiotactic Poly(aminostyrene)â€Supported Palladium Catalyst for Ketone Methylation with Methanol. ChemCatChem, 2017, 9, 3827-3832.	3.7	27
8	â€œArm-firstâ€•approach for the synthesis of star-shaped stereoregular polymers through living coordination polymerization. Polymer Chemistry, 2017, 8, 1449-1453.	3.9	24
9	Copolymerization of Isoprene and Nonconjugated Î±,Ï‰â€Dienes by Halfâ€Sandwich Scandium Catalysts with and without a Coordinative Side Arm. Chemistry - an Asian Journal, 2013, 8, 2471-2482.	3.3	23
10	Selective Nâ€Monomethylation of Anilines with Methanol Catalyzed by Commercial Pd/C as an Efficient and Reusable Catalyst. Asian Journal of Organic Chemistry, 2019, 8, 2046-2049.	2.7	23
11	Aluminium-catalyzed terpolymerization of furfuryl glycidyl ether with epichlorohydrin and ethylene oxide: synthesis of thermoreversible polyepichlorohydrin elastomers with furan/maleimide covalent crosslinks. Polymer Chemistry, 2018, 9, 98-107.	3.9	19
12	Incorporation of chromophores into dendrigraft polybutadiene: effect of dendrigraft matrix on the fluorescent properties. RSC Advances, 2013, 3, 20345.	3.6	17
13	The terpolymerization of ethylene and propylene with isoprene via THF-containing half-sandwich scandium catalysts: a new kind of ethyleneâ€“propyleneâ€“diene rubber and its functionalization. Polymer Chemistry, 2017, 8, 4651-4658.	3.9	17
14	Stereoselective copolymerization of 4-(N,N-diphenylamino)styrene and isoprene by a C5H5-ligated scandium catalyst: synthesis of amino-functionalized crystalline styrenic thermoplastic elastomers. Polymer Chemistry, 2020, 11, 1314-1320.	3.9	16
15	Stereoselective copolymerization of amino-functionalized styrene with butadiene using a half-sandwich scandium complex. Polymer Chemistry, 2016, 7, 7365-7369.	3.9	15
16	Scandiumâ€catalyzed synthesis of Siâ€“Hâ€containing syndiotactic polystyrene and its functionalized polymer carrying pendant perylene bisimide units. Journal of Polymer Science Part A, 2016, 54, 735-739.	2.3	15
17	â€œCâ€“Hâ‹¯Ï€ Interactionâ€•regulates the stereoselectivity in olefin polymerization. Chemical Communications, 2019, 55, 6689-6692.	4.1	15
18	Highly cis -1,4-selective terpolymerization of 1,3-butadiene and isoprene with styrene by a C 5 H 5 -ligated scandium catalyst. Polymer, 2015, 76, 159-167.	3.8	14

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19	Nâ€Monomethylation of Amines with Methanol by Syndiotactic Poly(aminostyrene)â€supported Palladium Nanoparticle Catalyst. Asian Journal of Organic Chemistry, 2021, 10, 2165-2169.	2.7	13
20	Cyclocopolymerization of 1,6â€heptadiene with styrene catalyzed by a halfâ€sandwich scandium dialkyl complex bearing a phosphine oxide side arm. Journal of Polymer Science Part A, 2014, 52, 1509-1513.	2.3	10
21	The terpolymer of neodymiumâ€catalyzed styrene, isoprene, and butadiene: Efficient synthesis of integral rubber containing atactic styreneâ€“styrene sequences and high Cisâ€1,4 polyconjugated olefins. Polymer Engineering and Science, 2014, 54, 1858-1863.	3.1	10
22	Copolymerization of propylene with styrene and ethylene by a THF-containing half-sandwich scandium catalyst: efficient synthesis of polyolefins with a controllable styrene content. Polymer Chemistry, 2017, 8, 615-623.	3.9	9
23	Neodymium-catalyzed Polymerization of C5 Fraction: Efficient Synthesis of 1,3-Pentadiene-isoprene Copolymer Rubbers. Chinese Journal of Polymer Science (English Edition), 2019, 37, 674-680.	3.8	7
24	Synthesis of alkynyl-functionalized linear and star polyethers by aluminium-catalyzed copolymerization of glycidyl 3-butynyl ether with epichlorohydrin and ethylene oxide. Polymer Chemistry, 2019, 10, 1110-1118.	3.9	4
25	Cyclocopolymerization of 1,6-heptadiene with ethylene by half-sandwich scandium catalysts. Science China Chemistry, 2014, 57, 1150-1156.	8.2	3
26	Scandium-catalyzed stereoselective block and alternating copolymerization of diphenylphosphinostyrenes and isoprene. Polymer Chemistry, 0, , .	3.9	2
27	Synthesis and characterization of random styreneâ€“butadiene copolymer with Nd-based catalyst. Polymer Bulletin, 2016, 73, 509-518.	3.3	1
28	Aluminum-catalyzed statistical copolymerization of mono-, tri- and penta-fluorophenyl glycidyl ether with ethylene oxide and epichlorohydrin. Polymer Chemistry, 0, , .	3.9	1
29	Synthesis of bromineâ€functionalized polyolefins by scandiumâ€catalyzed copolymerization of 10â€bromoâ€1â€decene with ethylene, propylene, and dienes. Journal of Polymer Science, 2021, 59, 2324.	3.8	1