

Fang Guo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Monomethylation of Amines with Methanol by Syndiotactic Poly(aminostyrene)-supported Palladium Nanoparticle Catalyst. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2165-2169.	2.7	13
2	Synthesis of bromine-functionalized polyolefins by scandium-catalyzed copolymerization of 10-bromo-1-decene with ethylene, propylene, and dienes. <i>Journal of Polymer Science</i> , 2021, 59, 2324.	3.8	1
3	Stereoselective copolymerization of 4-(N,N-diphenylamino)styrene and isoprene by a C ₅ H ₅ -ligated scandium catalyst: synthesis of amino-functionalized crystalline styrenic thermoplastic elastomers. <i>Polymer Chemistry</i> , 2020, 11, 1314-1320.	3.9	16
4	Selective Monomethylation of Anilines with Methanol Catalyzed by Commercial Pd/C as an Efficient and Reusable Catalyst. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2046-2049.	2.7	23
5	Synthesis of alkynyl-functionalized linear and star polyethers by aluminium-catalyzed copolymerization of glycidyl 3-butynyl ether with epichlorohydrin and ethylene oxide. <i>Polymer Chemistry</i> , 2019, 10, 1110-1118.	3.9	4
6	Interaction regulates the stereoselectivity in olefin polymerization. <i>Chemical Communications</i> , 2019, 55, 6689-6692.	4.1	15
7	Neodymium-catalyzed Polymerization of C5 Fraction: Efficient Synthesis of 1,3-Pentadiene-isoprene Copolymer Rubbers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 674-680.	3.8	7
8	Scandium-catalyzed copolymerization of myrcene with ethylene and propylene: convenient syntheses of versatile functionalized polyolefins. <i>Polymer Chemistry</i> , 2018, 9, 1223-1233.	3.9	28
9	Aluminium-catalyzed terpolymerization of furfuryl glycidyl ether with epichlorohydrin and ethylene oxide: synthesis of thermoreversible polyepichlorohydrin elastomers with furan/maleimide covalent crosslinks. <i>Polymer Chemistry</i> , 2018, 9, 98-107.	3.9	19
10	Arm-first approach for the synthesis of star-shaped stereoregular polymers through living coordination polymerization. <i>Polymer Chemistry</i> , 2017, 8, 1449-1453.	3.9	24
11	Syndiotactic Poly(aminostyrene)-supported Palladium Catalyst for Ketone Methylation with Methanol. <i>ChemCatChem</i> , 2017, 9, 3827-3832.	3.7	27
12	Copolymerization of propylene with styrene and ethylene by a THF-containing half-sandwich scandium catalyst: efficient synthesis of polyolefins with a controllable styrene content. <i>Polymer Chemistry</i> , 2017, 8, 615-623.	3.9	9
13	Scandium-Catalyzed Syndiospecific Polymerization of Halide-Substituted Styrenes and Their Copolymerization with Styrene. <i>Macromolecules</i> , 2017, 50, 8398-8405.	4.8	43
14	The terpolymerization of ethylene and propylene with isoprene via THF-containing half-sandwich scandium catalysts: a new kind of ethylene-propylene diene rubber and its functionalization. <i>Polymer Chemistry</i> , 2017, 8, 4651-4658.	3.9	17
15	Stereoselective copolymerization of amino-functionalized styrene with butadiene using a half-sandwich scandium complex. <i>Polymer Chemistry</i> , 2016, 7, 7365-7369.	3.9	15
16	Scandium-catalyzed synthesis of Si-containing syndiotactic polystyrene and its functionalized polymer carrying pendant perylene bisimide units. <i>Journal of Polymer Science Part A</i> , 2016, 54, 735-739.	2.3	15
17	Synthesis and characterization of random styrene-butadiene copolymer with Nd-based catalyst. <i>Polymer Bulletin</i> , 2016, 73, 509-518.	3.3	1
18	Synthesis of amino-containing syndiotactic polystyrene as efficient polymer support for palladium nanoparticles. <i>Journal of Polymer Science Part A</i> , 2015, 53, 5-9.	2.3	50

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19	Half-Sandwich Rare-Earth-Catalyzed Olefin Polymerization, Carbometalation, and Hydroarylation. <i>Accounts of Chemical Research</i> , 2015, 48, 2209-2220.	15.6	297
20	Highly cis -1,4-selective terpolymerization of 1,3-butadiene and isoprene with styrene by a C ₅ H ₅ -ligated scandium catalyst. <i>Polymer</i> , 2015, 76, 159-167.	3.8	14
21	Cyclocopolymerization of 1,6-heptadiene with styrene catalyzed by a half-sandwich scandium dialkyl complex bearing a phosphine oxide side arm. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1509-1513.	2.3	10
22	The terpolymer of neodymium-catalyzed styrene, isoprene, and butadiene: Efficient synthesis of integral rubber containing atactic styrene-styrene sequences and high Cis-1,4 polyconjugated olefins. <i>Polymer Engineering and Science</i> , 2014, 54, 1858-1863.	3.1	10
23	Cyclocopolymerization of 1,6-heptadiene with ethylene by half-sandwich scandium catalysts. <i>Science China Chemistry</i> , 2014, 57, 1150-1156.	8.2	3
24	Copolymerization of Isoprene and Nonconjugated 1,3-Dienes by Half-Sandwich Scandium Catalysts with and without a Coordinative Side Arm. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2471-2482.	3.3	23
25	Incorporation of chromophores into dendrigraft polybutadiene: effect of dendrigraft matrix on the fluorescent properties. <i>RSC Advances</i> , 2013, 3, 20345.	3.6	17
26	Scandium-Catalyzed Cyclocopolymerization of 1,5-Hexadiene with Styrene and Ethylene: Efficient Synthesis of Cyclopolyolefins Containing Syndiotactic Styrene-Styrene Sequences and Methylene-1,3-cyclopentane Units. <i>Macromolecules</i> , 2011, 44, 6335-6344.	4.8	75
27	Cycloterpolymerization of 1,6-Heptadiene with Ethylene and Styrene Catalyzed by a THF-Free Half-Sandwich Scandium Complex. <i>Macromolecules</i> , 2011, 44, 2400-2403.	4.8	57
28	Aluminum-catalyzed statistical copolymerization of mono-, tri- and penta-fluorophenyl glycidyl ether with ethylene oxide and epichlorohydrin. <i>Polymer Chemistry</i> , 0, , .	3.9	1
29	Scandium-catalyzed stereoselective block and alternating copolymerization of diphenylphosphinostyrenes and isoprene. <i>Polymer Chemistry</i> , 0, , .	3.9	2