

# Hongyi Suo

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Sidechain Metallopolymers with Precisely Controlled Structures: Synthesis and Application in Catalysis. <i>Polymers</i> , 2022, 14, 1128.	4.5	6
2	Post-functionalization of narrowly dispersed PE waxes generated using tuned N,N,N'-cobalt ethylene polymerization catalysts substituted with ortho-cycloalkyl groups. <i>Polymer</i> , 2021, 213, 123294.	3.8	12
3	Norbornadiene homopolymerization and norbornene/norbornadiene/1-octene terpolymerization by <i>ansa</i> -fluorenylamidotitanium-based catalysts. <i>Polymer Chemistry</i> , 2020, 11, 6803-6810.	3.9	7
4	Achieving strictly linear polyethylenes by the <i>NNN</i> -Fe precatalysts finely tuned with different sizes of ortho-cycloalkyl substituents. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5937.	3.5	15
5	Adjusting Ortho-Cycloalkyl Ring Size in a Cycloheptyl-Fused N,N,N-Iron Catalyst as Means to Control Catalytic Activity and Polyethylene Properties. <i>Catalysts</i> , 2020, 10, 1002.	3.5	16
6	Bis-cycloheptyl-fused bis(imino)pyridine-cobalt catalysts for PE wax formation: positive effects of fluoride substitution on catalytic performance and thermal stability. <i>Dalton Transactions</i> , 2020, 49, 9425-9437.	3.3	29
7	High molecular weight polyethylenes of narrow dispersity promoted using bis(arylimino)cyclohepta[ <i>b</i> ]pyridine-cobalt catalysts ortho-substituted with benzhydryl & cycloalkyl groups. <i>Dalton Transactions</i> , 2020, 49, 4774-4784.	3.3	22
8	Synthesis of characteristic polyisoprenes using rationally designed iminopyridyl metal (Fe and Co) precatalysts: investigation of co-catalysts and steric influence on their catalytic activity. <i>New Journal of Chemistry</i> , 2020, 44, 8076-8084.	2.8	17
9	Recent developments in vanadium-catalyzed olefin coordination polymerization. <i>Coordination Chemistry Reviews</i> , 2020, 416, 213332.	18.8	54
10	Methylene-bridged bis(arylimino)-5,6,7-trihydroquinolylnickel precatalysts for ethylene polymerization. <i>Journal of Polymer Science</i> , 2020, 58, 1675-1686.	3.8	8
11	Co-catalyst effects on the thermal stability/activity of <i>N,N,N</i> -Co ethylene polymerization Catalysts Bearing Fluoro-substituted <i>N,N</i> -dibenzhydrylphenyl groups. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5134.	3.5	24
12	1,5-Naphthyl-linked bis(imino)pyridines as binucleating scaffolds for dicobalt ethylene oligo-/polymerization catalysts: exploring temperature and steric effects. <i>Dalton Transactions</i> , 2019, 48, 8264-8278.	3.3	19
13	Narrow dispersed linear polyethylene using cobalt catalysts bearing cycloheptyl-fused bis(imino)pyridines; probing the effects of ortho-benzhydryl substitution. <i>European Polymer Journal</i> , 2019, 110, 240-251.	5.4	32
14	Strictly linear polyethylene using Co-catalysts chelated by fused bis(arylimino)pyridines: Probing ortho-cycloalkyl ring-size effects on molecular weight. <i>Polymer</i> , 2018, 149, 45-54.	3.8	47
15	Developments in compartmentalized bimetallic transition metal ethylene polymerization catalysts. <i>Coordination Chemistry Reviews</i> , 2018, 372, 101-116.	18.8	93
16	ortho-Cycloalkyl substituted <i>NN</i> , <i>N</i> -diaryliminoacenaphthene-Ni( <i>scpd</i> ) catalysts for polyethylene elastomers; exploring ring size and temperature effects. <i>Dalton Transactions</i> , 2017, 46, 15684-15697.	3.3	32
17	Thermo-stable 2-(arylimino)benzylidene-9-arylimino-5,6,7,8-tetrahydro cyclohepta[ <i>b</i> ]pyridyliron(II) precatalysts toward ethylene polymerization and highly linear polyethylenes. <i>Journal of Polymer Science Part A</i> , 2017, 55, 830-842.	2.3	44
18	N-(2,2-Dimethyl-1-(quinolin-2-yl)propylidene) arylaminonickel Complexes and Their Ethylene Oligomerization. <i>Molecules</i> , 2017, 22, 630.	3.8	11