

Collins Obuah

List of Publications by Year in descending order

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papers

247
citations

1040056

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#	ARTICLE	IF	CITATIONS
1	Solvent and co-catalyst dependent pyrazolylpyridinamine and pyrazolylpyrroleamine nickel(II) catalyzed oligomerization and polymerization of ethylene. <i>Journal of Molecular Catalysis A</i> , 2014, 382, 31-40.	4.8	47
2	Tandem ethylene oligomerisation and Friedel-Crafts alkylation of toluene catalysed by bis-(3,5-dimethylpyrazol-1-ylmethyl)benzene nickel(ii) complexes and ethylaluminium dichloride. <i>Catalysis Science and Technology</i> , 2013, 3, 3130.	4.1	45
3	Vinyl-addition polymerization of norbornene catalyzed by (pyrazol-1-ylmethyl)pyridine divalent iron, cobalt and nickel complexes. <i>Polyhedron</i> , 2011, 30, 2878-2883.	2.2	18
4	Novel pyrazolylphosphite and pyrazolylphosphinite ruthenium(II) complexes as catalysts for hydrogenation of acetophenone. <i>Dalton Transactions</i> , 2016, 45, 13514-13524.	3.3	16
5	Ethylene and Styrene Carbon Monoxide Copolymerization Catalyzed by Pyrazolyl Palladium(II) Complexes. <i>Organometallics</i> , 2013, 32, 980-988.	2.3	15
6	(Ferrocenylpyrazolyl)zinc(II) benzoates as catalysts for the ring opening polymerization of μ -caprolactone. <i>Polyhedron</i> , 2015, 90, 154-164.	2.2	15
7	(Ferrocenylpyrazolyl)nickel(II)-catalysed ethylene oligomerisation. <i>Catalysis Science and Technology</i> , 2016, 6, 4814-4823.	4.1	15
8	Ferrocenylpyrazolyl palladium complexes as catalysts for the polymerisation of 1-heptene and 1-octene to highly branched polyolefins. <i>Dalton Transactions</i> , 2014, 43, 8940-8950.	3.3	12
9	(Ferrocenylpyrazolyl)zinc(II) acetate complexes as initiators and catalysts for the ring opening polymerization of μ -caprolactone. <i>Journal of Molecular Catalysis A</i> , 2015, 406, 185-193.	4.8	11
10	Phenoxy-salicylaldimine-Bearing Chromium(III) Precatalysts for Ethylene Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1767-1775.	2.2	8
11	Novel bio-friendly and non-toxic thiocarbohydrate stabilizers of gold nanoparticles. <i>New Journal of Chemistry</i> , 2015, 39, 5249-5258.	2.8	7
12	Effects of electrochemical properties of ferrocenylpyrazolylnickel(II) and palladium(II) compounds on their catalytic activities in ethylene oligomerisation reactions. <i>RSC Advances</i> , 2018, 8, 5362-5371.	3.6	7
13	Synthesis, characterization and fluorescent properties of ferrocenyl pyrazole and triazole ligands and their palladium complexes. <i>Journal of Organometallic Chemistry</i> , 2021, 935, 121664.	1.8	7
14	Synthesis, characterization and antibacterial applications of pyrazolyl-sulfonamides and their palladium complexes. <i>New Journal of Chemistry</i> , 2021, 45, 3716-3726.	2.8	7
15	Quantum Mechanistic Studies of the Oxidation of Ethylene by Rhenium Oxo Complexes. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	3
16	Glyco disulfide capped gold nanoparticle synthesis: cytotoxicity studies and effects on lung cancer A549 cells. <i>Future Medicinal Chemistry</i> , 2022, 14, 307-324.	2.3	3
17	Homo-Polymerization of 1-Hexene Catalysed by $\text{O}^{\text{N}}\text{N}$ (Salicylaldimine)Iron(III) Pre-Catalysts to Branched Poly(1-hexene). <i>Catalysts</i> , 2016, 6, 47.	3.5	2
18	Electron-density distributions in selected ferrocenyl-pyrazolyl late transition-metal complexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11682-11691.	2.8	2

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19	Synthesis and characterization of (pyrazolyethylphosphinite)nickel(II) complexes and catalytic activity towards ethylene oligomerization. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4101.	3.5	2
20	(Pyrazolyethyl-amine)zinc(II) carboxylate complexes as catalysts for the copolymerization of CO ₂ and cyclohexene oxide. <i>Polyhedron</i> , 2020, 190, 114767.	2.2	2
21	A DFT study on the reaction mechanisms of the oxidation of ethylene mediated by technetium and manganese oxo complexes. <i>Journal of Molecular Modeling</i> , 2022, 28, 94.	1.8	2
22	(Ferrocenylpyrazolyl)palladium(II) complexes: Syntheses, characterization and rearrangement in solution. <i>Journal of Organometallic Chemistry</i> , 2016, 802, 39-48.	1.8	1
23	cis-Dichlorido[2-(3,5-dimethyl-1H-pyrazol-1-yl- $\hat{\text{N}}_2$)ethanamine- $\hat{\text{N}}$]palladium(II) dichloromethane monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1103-m1103.	0.2	0
24	Synthesis, characterization and coordination chemistry of (pyrazolylphosphinite)palladium(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 471, 561-566.	2.4	0