

# Collins Obuah

## List of Publications by Year in descending order

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papers

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docs citations

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279  
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Quantum Mechanistic Studies of the Oxidation of Ethylene by Rhenium Oxo Complexes. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	3
6	(Pyrazolyethyl-amine)zinc(II) carboxylate complexes as catalysts for the copolymerization of CO <sub>2</sub> and cyclohexene oxide. <i>Polyhedron</i> , 2020, 190, 114767.	2.2	2
7	Electron-density distributions in selected ferrocenyl-pyrazolyl late transition-metal complexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 11682-11691.	2.8	2
8	Effects of electrochemical properties of ferrocenylpyrazolynickel(II) and palladium(II) compounds on their catalytic activities in ethylene oligomerisation reactions. <i>RSC Advances</i> , 2018, 8, 5362-5371.	3.6	7
9	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
10	Synthesis, characterization and coordination chemistry of (pyrazolylphosphinite)palladium(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 471, 561-566.	2.4	0
11	Homo-Polymerization of 1-Hexene Catalysed by O <sup>N</sup> N (Salicylaldimine)Iron(III) Pre-Catalysts to Branched Poly(1-hexene). <i>Catalysts</i> , 2016, 6, 47.	3.5	2
12	Novel pyrazolylphosphite and pyrazolylphosphinite ruthenium(II) complexes as catalysts for hydrogenation of acetophenone. <i>Dalton Transactions</i> , 2016, 45, 13514-13524.	3.3	16
13	(Ferrocenylpyrazolyl)nickel(II)-catalysed ethylene oligomerisation. <i>Catalysis Science and Technology</i> , 2016, 6, 4814-4823.	4.1	15
14	(Ferrocenylpyrazolyl)palladium(II) complexes: Syntheses, characterization and rearrangement in solution. <i>Journal of Organometallic Chemistry</i> , 2016, 802, 39-48.	1.8	1
15	(Ferrocenylpyrazolyl)zinc(II) acetate complexes as initiators and catalysts for the ring opening polymerization of $\mu$ -caprolacton.. <i>Journal of Molecular Catalysis A</i> , 2015, 406, 185-193.	4.8	11
16	(Ferrocenylpyrazolyl)zinc(II) benzoates as catalysts for the ring opening polymerization of $\mu$ -caprolactone. <i>Polyhedron</i> , 2015, 90, 154-164.	2.2	15
17	Novel bio-friendly and non-toxic thiocarbohydrate stabilizers of gold nanoparticles. <i>New Journal of Chemistry</i> , 2015, 39, 5249-5258.	2.8	7
18	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

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19	Ferrocenylpyrazolyl palladium complexes as catalysts for the polymerisation of 1-heptene and 1-octene to highly branched polyolefins. Dalton Transactions, 2014, 43, 8940-8950.	3.3	12
20	Phenoxysalicylaldimineâ€‘Bearing Chromium(III) Precatalysts for Ethylene Polymerization. Macromolecular Chemistry and Physics, 2014, 215, 1767-1775.	2.2	8
21	Tandem ethylene oligomerisation and Friedelâ€‘Crafts alkylation of toluene catalysed by bis-(3,5-dimethylpyrazol-1-ylmethyl)benzene nickel(ii) complexes and ethylaluminium dichloride. Catalysis Science and Technology, 2013, 3, 3130.	4.1	45
22	Ethylene and Styrene Carbon Monoxide Copolymerization Catalyzed by Pyrazolyl Palladium(II) Complexes. Organometallics, 2013, 32, 980-988.	2.3	15
23	cis-Dichlorido[2-(3,5-dimethyl-1H-pyrazol-1-yl-Î²N <sup>2</sup> )ethanamine-Î²N]palladium(II) dichloromethane monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1103-m1103.	0.2	0
24	Vinyl-addition polymerization of norbornene catalyzed by (pyrazol-1-ylmethyl)pyridine divalent iron, cobalt and nickel complexes. Polyhedron, 2011, 30, 2878-2883.	2.2	18