

Ali Aghmiz

List of Publications by Year in descending order

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554
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#	ARTICLE	IF	CITATIONS
1	Recoverable chiral palladium-sulfonated diphosphine catalysts for the asymmetric hydrocarboxylation of vinyl arenes. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 4463-4467.	1.8	59
2	High-Pressure $^31\text{P}\{^1\text{H}\}$ -NMR Studies of $\text{RhH}(\text{CO})(\text{TPPTS})_3$ in the Presence of Methylated Cyclodextrins: New Light on Rhodium-Catalyzed Hydroformylation Reaction Assisted by Cyclodextrins. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 425-431.	4.3	59
3	Highly active and selective $\text{Zn}(\text{II})\text{-NN}=\text{O}$ Schiff base catalysts for the cycloaddition of CO_2 to epoxides. <i>Journal of CO_2 Utilization</i> , 2016, 14, 10-22.	6.8	38
4	Chiral <i>S,S</i> -donor ligands in palladium-catalysed allylic alkylation. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1469-1474.	1.8	34
5	Allylic Alkylations Catalyzed by Palladium Systems Containing Modular Chiral Dithioethers. A Structural Study of the Allylic Intermediates. <i>Organometallics</i> , 2005, 24, 3946-3956.	2.3	34
6	Chromium complexes with tridentate $\text{NN}=\text{O}$ Schiff base ligands as catalysts for the coupling of CO_2 and epoxides. <i>Journal of Molecular Catalysis A</i> , 2014, 383-384, 143-152.	4.8	32
7	C_2 -Symmetric Diphosphinite Ligands Derived from Carbohydrates. The Strong Influence of Remote Stereocenters on Asymmetric Rhodium-Catalyzed Hydrogenation. <i>Journal of Organic Chemistry</i> , 2004, 69, 7502-7510.	3.2	31
8	Micellar effect in hydroformylation of high olefin catalysed by water-soluble rhodium complexes associated with sulfonated diphosphines. <i>Journal of Molecular Catalysis A</i> , 2003, 200, 157-163.	4.8	30
9	An outstanding palladium system containing a C_2 -symmetrical phosphite ligand for enantioselective allylic substitution processes. <i>Chemical Communications</i> , 2008, , 6197.	4.1	30
10	Novel chromium (III) complexes with N_4 -donor ligands as catalysts for the coupling of CO_2 and epoxides in supercritical CO_2 . <i>Journal of Molecular Catalysis A</i> , 2014, 381, 161-170.	4.8	27
11	Upgrading castor oil: From heptanal to non-isocyanate poly(amide-hydroxyurethane)s. <i>Polymer</i> , 2017, 124, 226-234.	3.8	27
12	Rhodium-Catalyzed Hydrogenation of Alkenes by Rhodium/Tris(fluoroalkoxy)phosphane Complexes in Fluorous Biphasic System. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 603-611.	4.3	24
13	Hydroformylation of 1-octene with rhodium catalysts in fluorous systems. <i>Journal of Molecular Catalysis A</i> , 2004, 208, 97-101.	4.8	24
14	Rhodium-sulfonated diphosphine catalysts in aqueous hydroformylation of vinyl arenes: high-pressure NMR and IR studies. <i>Journal of Molecular Catalysis A</i> , 2003, 195, 113-124.	4.8	23
15	Rhodium-catalysed asymmetric hydroformylation of vinylarenes with chiral <i>P,N</i> -ligands based on DIOP skeleton. <i>Journal of Molecular Catalysis A</i> , 2002, 184, 111-119.	4.8	21
16	Hydrocarboxylation of Styrene in Aqueous Media with Pd-guanidiniumphosphine Systems. <i>Catalysis Letters</i> , 2005, 103, 191-193.	2.6	18
17	New Ligands for Rh-Catalysed Hydroformylation of 1-Octene in Supercritical Carbon Dioxide - X-ray Structure of $[\text{Rh}\{\text{PPh}_2(\text{OC}_9\text{H}_{19})\}_4]\text{PF}_6$. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1067-1075.	2.0	13
18	$\text{Mn}(\text{III})$ complexes with tridentate <i>N,N,O</i> -ligands as catalysts for the epoxidation of alkenes. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2567-2577.	2.2	10

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19	Cationic Iridium Complexes with Chiral Dithioether Ligands: Synthesis, Characterisation and Reactivity under Hydrogenation Conditions. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2315-2323.	2.0	6
20	Lignocellulosic residues as catalysts for CO ₂ fixation: complementary experimental and computational approaches. <i>Cellulose</i> , 2021, 28, 359-375.	4.9	2
21	Crystal Structure and DFT Calculations of Zn(II)-NNâ€™ Schiff Base Complex. <i>Journal of Chemical Crystallography</i> , 2021, 51, 432-437.	1.1	1