

Richard L Wingad

List of Publications by Citations

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24
papers

880
citations

17
h-index

26
g-index

26
ext. papers

998
ext. citations

6.6
avg, IF

4
L-index

#	Paper	IF	Citations
24	Catalytic conversion of ethanol into an advanced biofuel: unprecedented selectivity for n-butanol. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9005-8	16.4	140
23	Homogeneous Ethanol to Butanol Catalysis Reborn. <i>ACS Catalysis</i> , 2016 , 6, 7125-7132	13.1	105
22	Chiral palladium bis(phosphite)PCP-pincer complexes via ligand C-H activation. <i>Chemical Communications</i> , 2006 , 3880-2	5.8	88
21	The electron-poor phosphines P{C6H3(CF3)2-3,5}3 and P(C6F5)3 do not mimic phosphites as ligands for hydroformylation. A comparison of the coordination chemistry of P{C6H3(CF3)2-3,5}3 and P(C6F5)3 and the unexpectedly low hydroformylation activity of their rhodium complexes. <i>Dalton Transactions</i> , 2005 , 1294-300	4.3	61
20	Catalytic Conversion of Ethanol to n-Butanol Using Ruthenium PNP Ligand Complexes. <i>ACS Catalysis</i> , 2015 , 5, 5822-5826	13.1	57
19	Catalytic conversion of methanol/ethanol to isobutanol--a highly selective route to an advanced biofuel. <i>Chemical Communications</i> , 2016 , 52, 5202-4	5.8	54
18	Cyclopropenylidene carbene ligands in palladium C-C coupling catalysis. <i>Chemical Communications</i> , 2007 , 2704-6	5.8	42
17	Bidentates versus monodentates in asymmetric hydrogenation catalysis: synergic effects on rate and allosteric effects on enantioselectivity. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6840-7	16.4	40
16	Copper(I) Diphosphine Catalysts for C≡N Bond Formation: Synthesis, Structure, and Ligand Effects. <i>Organometallics</i> , 2008 , 27, 3196-3202	3.8	34
15	Bulky triarylarsines are effective ligands for palladium catalysed Heck olefination. <i>Dalton Transactions</i> , 2005 , 1491-8	4.3	31
14	Cyclopropenylidene Carbene Ligands in Palladium C≡N Coupling Catalysis. <i>Organometallics</i> , 2007 , 26, 4702-4703	3.8	29
13	Catalytic Conversion of Ethanol into an Advanced Biofuel: Unprecedented Selectivity for n-Butanol. <i>Angewandte Chemie</i> , 2013 , 125, 9175-9178	3.6	28
12	Special effects of ortho-isopropylphenyl groups. Diastereoisomerism in platinum(II) and palladium(II) complexes of helically chiral PAR3 ligands. <i>Dalton Transactions</i> , 2005 , 659-67	4.3	28
11	N,N-Diphospholylamines: A New Family of Ligands for Highly Active, Chromium-Based, Selective Ethene Oligomerisation Catalysts. <i>ChemCatChem</i> , 2013 , 5, 2946-2954	5.2	25
10	Towards the upgrading of fermentation broths to advanced biofuels: a water tolerant catalyst for the conversion of ethanol to isobutanol. <i>Catalysis Science and Technology</i> , 2017 , 7, 5128-5134	5.5	24
9	Chiral triaryl phosphite-based palladacycles and platinacycles: synthesis and application to asymmetric Lewis acid catalysis. <i>Dalton Transactions</i> , 2009 , 7796-804	4.3	21
8	Direct Bromination of Keggin Fragments To Give [PW ₆ O ₁₃ Br]: A Polyoxotungstate with a Hexabrominated Face. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 3884-3886	16.4	20

7	Rhodium Complexes of Cyclopropenylidene Carbene Ligands: Synthesis, Structure, and Hydroformylation Catalysis. <i>Organometallics</i> , 2009 , 28, 1476-1479	3.8	16
6	Cyclopropenylidene carbene ligands in palladium catalysed coupling reactions: carbene ligand rotation and application to the Stille reaction. <i>Dalton Transactions</i> , 2011 , 40, 5316-23	4.3	12
5	Two isomers of a bis(diphenylphosphino)phosphinine, and the synthesis and reactivity of Ru arene/Cp* phosphinophosphinine complexes. <i>New Journal of Chemistry</i> , 2018 , 42, 19625-19636	3.6	12
4	Oxidative Dehydrogenation of Tris(o-isopropylphenyl)phosphines by Platinum Complexes. <i>Organometallics</i> , 2008 , 27, 5906-5910	3.8	6
3	Manganese Diphosphine and Phosphinoamine Complexes Are Effective Catalysts for the Production of Biofuel Alcohols the Guerbet Reaction. <i>Organometallics</i> , 2020 , 39, 3873-3878	3.8	6
2	Bis(tetrabutylammonium) Ethalato-bis[dibromidodioxidotungstate(VI)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, m1269-m1270		1
1	Rhenium Complexes Bearing Tridentate and Bidentate Phosphinoamine Ligands in the Production of Biofuel Alcohols via the Guerbet Reaction. <i>Organometallics</i> , 2021 , 40, 2844-2851	3.8	0