Lan-Chang Liang

List of Publications by Year
in descending order

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59 papers	2,281 citations	236925 25 h-index	214800 47 g-index
60 all docs	60 docs citations	60 times ranked	1475 citing authors

#	Article	IF	Citations
1	Amido PNP pincer complexes of palladium(II) and platinum(II): Synthesis, structure, and reactivity. Applied Organometallic Chemistry, 2021, 35, e6128.	3.5	5
2	Redox-Neutral Imination of Alcohol with Azide: A Sustainable Alternative to the Staudinger/Aza-Wittig Reaction. ACS Catalysis, 2021, 11, 4071-4076.	11.2	9
3	Facialâ€“Meridional Isomerization and Reductive Elimination in [(R2P-o-C6H4)2N]PtMe3 (R = Ph, iPr). Inorganic Chemistry, 2021, 60, 15118-15123.	4.0	3
4	Amido PNP complexes of iridium: Synthesis and catalytic olefin and alkyne hydrogenation. Journal of the Chinese Chemical Society, 2020, 67, 353-360.	1.4	4
5	Chemistry of Anilido Phosphine Complexes of Nickel. Chemistry Letters, 2019, 48, 811-819.	1.3	2
6	Facile synthesis of zwitterionic organoaluminum complexes containing formally dianionic homoscorpionate ligands. Journal of the Chinese Chemical Society, 2019, 66, 1078-1089.	1.4	1
7	Elusive Scorpionates: C₃-Symmetric, Formally Dianionic, Facially Tridentate Ligands. Inorganic Chemistry, 2018, 57, 553-556.	4.0	14
8	Enhanced Reactivity of Aluminum Complexes Containing P-Bridged Biphenolate Ligands in Ring-Opening Polymerization Catalysis. Frontiers in Chemistry, 2018, 6, 607.	3.6	3
9	Cobalt-Catalyzed Selective Hydrogenation of Nitriles to Secondary Imines. Organic Letters, 2018, 20, 6430-6435.	4.6	46
10	Monomeric nickel hydroxide stabilized by a sterically demanding phosphorusâ€“nitrogen PN³P-pincer ligand: synthesis, reactivity and catalysis. Dalton Transactions, 2018, 47, 16057-16065.	3.3	20
11	Titanium, hafnium, and tantalum complexes of a potentially triphenolate phosphine ligand that is unexpectedly prone to O-protonation. Polyhedron, 2017, 125, 164-172.	2.2	10
12	Aluminum complexes containing biphenolate phosphine ligands: synthesis and living ring-opening polymerization catalysis. Dalton Transactions, 2016, 45, 15951-15962.	3.3	12
13	Catalytic Suzuki couplings by an amido pincer complex of palladium. Journal of Organometallic Chemistry, 2016, 804, 30-34.	1.8	13
14	Homo- and Heteropolynuclear Clusters of Phosphine Triphenolates. Inorganic Chemistry, 2015, 54, 11526-11534.	4.0	8
15	Catalytic Sonogashira couplings mediated by an amido pincer complex of palladium. Inorganic Chemistry Frontiers, 2014, 1, 405.	6.0	23
16	Nickel(II) Complexes Containing Bidentate Diarylamido Phosphine Chelates: Kumada Couplings Kinetically Preferred to Î²-Hydrogen Elimination. Organometallics, 2014, 33, 5852-5862.	2.3	23
17	Lithium complexes of tridentate amine biphenolate ligands containing distinct N-alkyl substituents. Polyhedron, 2013, 52, 1090-1095.	2.2	12
18	Zirconium and hafnium complexes containing N-alkyl substituted amine biphenolate ligands: coordination chemistry and living ring-opening polymerization catalysis. Dalton Transactions, 2013, 42, 9286.	3.3	20

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19	Zirconium and Hafnium Complexes Containing N-Alkyl-Substituted Amine Biphenolate Ligands: Unexpected Ligand Degradation and Divergent Complex Constitutions Governed by N-Alkyls. Inorganic Chemistry, 2013, 52, 7709-7716.	4.0	11
20	Titanium Complexes of Tridentate Aminebiphenolate Ligands Containing Distinct N-Alkyls: Profound N-Substituent Effect on Ring-Opening Polymerization Catalysis. Inorganic Chemistry, 2013, 52, 1780-1786.	4.0	25
21	Aluminum Complexes of Tridentate Amine Biphenolate Ligands Containing Distinct Nâ€alkyls: Synthesis and Catalytic Ringâ€opening Polymerization. Journal of the Chinese Chemical Society, 2013, 60, 710-718.	1.4	12
22	Divergent Carbonylation Reactivity Preferences of Nickel Complexes Containing Amido Pincer Ligands: Migratory Insertion versus Reductive Elimination. Organometallics, 2012, 31, 700-708.	2.3	33
23	Nickel complexes incorporating an amido phosphine chelate with a pendant amine arm: Synthesis, structure, and catalytic Kumada coupling. Dalton Transactions, 2012, 41, 1381-1388.	3.3	29
24	Synthesis and Structural Characterization of Zinc Complexes that Contain Chelating Phenolate Phosphane Ligands. European Journal of Inorganic Chemistry, 2012, 2012, 298-305.	2.0	10
25	A terminal nickel(ii) anilide complex featuring an unsymmetrically substituted amido pincer ligand: synthesis and reactivity. Dalton Transactions, 2011, 40, 9004.	3.3	21
26	Group 4 Complexes of atert-Butylphosphine-Bridged Biphenolate Ligand. Inorganic Chemistry, 2011, 50, 3363-3372.	4.0	26
27	Zirconium complexes containing a diarylamido diphosphine ligand: Structural preferences controlled by ligand electronics and sterics. Journal of Organometallic Chemistry, 2011, 696, 3961-3965.	1.8	16
28	Synthesis, Structure, and Ringâ€Opening Polymerization Catalysis of Zinc Complexes Containing Amido Phosphinimine Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 2948-2957.	2.0	14
29	Synthesis and Structural Characterization of Lithium and Iron Complexes Containing a Chelating Phenolate Phosphane Ligand. European Journal of Inorganic Chemistry, 2011, 2011, 4077-4082.	2.0	9
30	Alkali Metal Complexes of a tert-Butylphosphine-Bridged Biphenolate Ligand. Organometallics, 2010, 29, 6201-6208.	2.3	35
31	Aluminium complexes of bidentate N,O- and N,N-ligands derived from oxidative functionalization of amido phosphines: synthesis, structure and reactivity. Dalton Transactions, 2010, 39, 9941.	3.3	22
32	Amido phosphine complexes of zinc: synthesis, structure, and catalytic ring-opening polymerization of Îµ-caprolactone. Dalton Transactions, 2010, 39, 8748.	3.3	40
33	Biphenolate Phosphine Complexes of Tantalum. Inorganic Chemistry, 2009, 48, 5697-5703.	4.0	15
34	Synthesis and Structural Characterization of Five-Coordinate Aluminum Complexes Containing Diarylamido Diphosphine Ligands. Inorganic Chemistry, 2009, 48, 5480-5487.	4.0	35
35	Phosphorus and Olefin Substituent Effects on the Insertion Chemistry of Nickel(II) Hydride Complexes Containing Amido Diphosphine Ligands. Organometallics, 2008, 27, 3082-3093.	2.3	89
36	Terminal nickel(ii) amide, alkoxide, and thiolate complexes containing amido diphosphine ligands of the type [N(o-C6H4PR2)2]â˜' (R = Ph, iPr, Cy). Dalton Transactions, 2008, , 3320.	3.3	33

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37	Nickel(II) Complexes Containing Bidentate Amido Phosphine Ligands Derived from Î±-Iminophosphorus Ylides:â€‰ Synthesis and Structural Characterization. Inorganic Chemistry, 2008, 47, 749-758.	4.0	10
38	Fluorinated Diarylamido Complexes of Lithium, Zirconium, and Hafnium. Inorganic Chemistry, 2008, 47, 3298-3306.	4.0	16
39	Biphenolate Phosphine Complexes of Group 4 Metals. Inorganic Chemistry, 2007, 46, 2666-2673.	4.0	27
40	Biphenolate Phosphine Complexes of Tin(IV). Inorganic Chemistry, 2007, 46, 7587-7593.	4.0	20
41	Preparation and structural characterization of group 1 metal complexes containing a chelating biphenolato phosphine ligand. Inorganica Chimica Acta, 2007, 360, 136-142.	2.4	37
42	Intermolecular Arene Câˆ’H Activation by Nickel(II). Journal of the American Chemical Society, 2006, 128, 15562-15563.	13.7	97
43	Amido Pincer Complexes of Nickel(II):â€‰ Synthesis, Structure, and Reactivity. Organometallics, 2006, 25, 1399-1411.	2.3	147
44	Metal complexes of chelating diarylamido phosphine ligands. Coordination Chemistry Reviews, 2006, 250, 1152-1177.	18.8	255
45	Benzene Câ€“H activation by platinum(ii) complexes of bis(2-diphenylphosphinophenyl)amide. Chemical Communications, 2005, , 2462.	4.1	70
46	Organoaluminium complexes incorporating an amido phosphine chelate with a pendant amine arm. Dalton Transactions, 2005, , 1952.	3.3	37
47	Zirconium and Hafnium Complexes Containing Bidentate Diarylamidoâˆ’Phosphine Ligands. Inorganic Chemistry, 2005, 44, 5147-5151.	4.0	20
48	Catalytic Suzuki Coupling Reactions by Amido Phosphine Complexes of Palladium. Organometallics, 2005, 24, 353-357.	2.3	84
49	Coordination chemistry of a multidentate pyrrolylaldiminate ligand. X-ray crystal structure of double-helical bis-Î¼-[N,Nâ€²-ethylenedi(5-tert-butyl-pyrrol-2-ylaldiminate)]-dimagnesium. Journal of Organometallic Chemistry, 2004, 689, 947-952.	1.8	12
50	Aluminum Complexes Incorporating Bidentate Amido Phosphine Ligands. Inorganic Chemistry, 2004, 43, 2166-2174.	4.0	50
51	Nickel(II) Complexes Containing Bidentate Diarylamido Phosphine Ligands. Organometallics, 2004, 23, 3538-3547.	2.3	41
52	Amido Pincer Complexes of Palladium:â€‰ Synthesis, Structure, and Catalytic Heck Reaction. Organometallics, 2004, 23, 2813-2816.	2.3	92
53	Syntheses and X-ray structures of some pyrrolylaldiminate metal complexes. Journal of Organometallic Chemistry, 2003, 679, 135-142.	1.8	25
54	Nickel(II) Complexes of Bis(2-diphenylphosphinophenyl)amide. Organometallics, 2003, 22, 3007-3009.	2.3	132

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55	Amido Phosphine Complexes of Zinc. Inorganic Chemistry, 2003, 42, 5471-5473.	4.0	55
56	Synthesis of Group 4 [(RN-o-C6H4)2O]2â^' complexes where R is SiMe3 or 0.5 Me2SiCH2CH2SiMe2. Journal of Organometallic Chemistry, 1999, 591, 163-173.	1.8	24
57	Titanium and Zirconium Complexes That Contain the Tridentate Diamido Ligands [(i-PrN-o-C6H4)2O]2-([i-PrNON]2-) and [(C6H11N-o-C6H4)2O]2-([CyNON]2-). Journal of the American Chemical Society, 1999, 121, 7822-7836.	13.7	154
58	Synthesis of Group 4 Complexes that Contain the Diamidoamine Ligands, [(2,4,6-Me3C6H2NCH2CH2)2NR]2-([Mes2N2NR]2-; R = H or CH3), and Polymerization of 1-Hexene by Activated [Mes2N2NR]ZrMe2Complexes. Journal of the American Chemical Society, 1999, 121, 5797-5798.	13.7	131
59	The synthesis and structures of tantalum complexes that contain a triamido or a diamidoamine ligand. Inorganica Chimica Acta, 1998, 270, 353-362.	2.4	42