Mohand Melaimi

List of Publications by Year
in descending order

59 papers	6,390 citations	71102 41 h-index	110387 64 g-index
75 all docs	75 docs citations	75 times ranked	3893 citing authors

#	Article	IF	Citations
1	Cyclic (amino)(barrelene)carbenes: an original family of CAACs through a novel synthetic pathway. Chemical Communications, 2022, 58, 7519-7521.	4.1	6
2	Cyclic (Alkyl)(Amino)Carbene (CAAC) Gold(I) Complexes as Chemotherapeutic Agents. Chemistry - A European Journal, 2021, 27, 3772-3778.	3.3	18
3	Mesoionic carbene-Breslow intermediates as super electron donors: Application to the metal-free arylacylation of alkenes. Chem Catalysis, 2021, 1, 196-206.	6.1	61
4	Mesoionic Carbene (MIC)-Catalyzed H/D Exchange at Formyl Groups. CheM, 2019, 5, 2484-2494.	11.7	69
5	Silylated Ge₉ Clusters as New Ligands for Cyclic (Alkyl)amino and Mesoionic Carbene Copper Complexes. Inorganic Chemistry, 2019, 58, 3256-3264.	4.0	11
6	Modular Approach to KekulÃ© Diradicaloids Derived from Cyclic (Alkyl)(amino)carbenes. Journal of the American Chemical Society, 2018, 140, 2546-2554.	13.7	77
7	Organic Mixed Valence Compounds Derived from Cyclic (Alkyl)(amino)carbenes. Journal of the American Chemical Society, 2018, 140, 2206-2213.	13.7	64
8	Controlled Expansion of a Strongâ€Field Iron Nitride Cluster: Multiâ€Site Ligand Substitution as a Strategy for Activating Interstitial Nitride Nucleophilicity. Angewandte Chemie - International Edition, 2018, 57, 13057-13061.	13.8	6
9	Titelbild: Controlled Expansion of a Strongâ€Field Iron Nitride Cluster: Multiâ€Site Ligand Substitution as a Strategy for Activating Interstitial Nitride Nucleophilicity (Angew. Chem. 40/2018). Angewandte Chemie, 2018, 130, 13161-13161.	2.0	0
10	Highly Ambiphilic Room Temperature Stable Six-Membered Cyclic (Alkyl)(amino)carbenes. Journal of the American Chemical Society, 2018, 140, 9255-9260.	13.7	107
11	Controlled Expansion of a Strongâ€Field Iron Nitride Cluster: Multiâ€Site Ligand Substitution as a Strategy for Activating Interstitial Nitride Nucleophilicity. Angewandte Chemie, 2018, 130, 13241-13245.	2.0	2
12	Cyclische Alkylaminocarbene (CAACs): Neues von guten Bekannten. Angewandte Chemie, 2017, 129, 10180-10203.	2.0	219
13	Bicyclic (Alkyl)(amino)carbenes (BICAACs): Stable Carbenes More Ambiphilic than CAACs. Journal of the American Chemical Society, 2017, 139, 7753-7756.	13.7	92
14	Geometric and Electronic Structure Analysis of the Three-Membered Electron-Transfer Series [(Î¼-CNR)₂[CpCo]₂]ⁿ (n = 0, 1â€“, 2â^') and Its Relevance to the Classical Bridging-Carbonyl System. Organometallics, 2017, 36, 2126-2140.	2.3	10
15	Cyclic (Alkyl)(amino)carbenes (CAACs): Recent Developments. Angewandte Chemie - International Edition, 2017, 56, 10046-10068.	13.8	610
16	Crystalline Monomeric Allenyl/Propargyl Radical. Journal of the American Chemical Society, 2017, 139, 15620-15623.	13.7	62
17	Generalization of the Copper to Lateâ€Transitionâ€Metal Transmetallation to Carbenes beyond Nâ€Heterocyclic Carbenes. Chemistry - A European Journal, 2016, 22, 9404-9409.	3.3	46
18	NHCâ€CAAC Heterodimers with Three Stable Oxidation States. Angewandte Chemie - International Edition, 2016, 55, 12886-12890.	13.8	68

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19	NHCâ€CAAC Heterodimers with Three Stable Oxidation States. Angewandte Chemie, 2016, 128, 13078-13082.	2.0	23
20	Synthesis of Hemilabile Cyclic (Alkyl)(amino)carbenes (CAACs) and Applications in Organometallic Chemistry. Journal of the American Chemical Society, 2016, 138, 7884-7887.	13.7	116
21	Ancillary ligand-free copper catalysed hydrohydrazination of terminal alkynes with NH₂NH₂. Chemical Communications, 2016, 52, 2733-2735.	4.1	20
22	Isolation of cationic and neutral (allenylidene)(carbene) and bis(allenylidene)gold complexes. Chemical Science, 2016, 7, 150-154.	7.4	34
23	Copper(I) Complexes Bearing Carbenes Beyond Classical Nâ€Heterocyclic Carbenes: Synthesis and Catalytic Activity in â€œClick Chemistryâ€• Advanced Synthesis and Catalysis, 2015, 357, 3155-3161.	4.3	68
24	Cyclic (Amino)(aryl)carbenes (CAArCs) as Strong Ïƒâ€Donating and Ï€â€Accepting Ligands for Transition Metals. Angewandte Chemie - International Edition, 2015, 54, 14915-14919.	13.8	126
25	Crystalline Cyclic (Alkyl)(amino)carbeneâ€tetrafluoropyridyl Radical. Chemistry - A European Journal, 2015, 21, 8441-8446.	3.3	64
26	Airâ€Stable (CAAC)CuCl and (CAAC)CuBH₄ Complexes as Catalysts for the Hydrolytic Dehydrogenation of BH₃NH₃. Angewandte Chemie - International Edition, 2015, 54, 6008-6011.	13.8	95
27	Mesoionic Carbeneâ€Gold(I) Catalyzed Bisâ€Hydrohydrazination of Alkynes with Parent Hydrazine. Chemistry - an Asian Journal, 2015, 10, 2139-2142.	3.3	41
28	Cyclic Alkyl Amino Carbene (CAAC) Ruthenium Complexes as Remarkably Active Catalysts for Ethenolysis. Angewandte Chemie - International Edition, 2015, 54, 1919-1923.	13.8	175
29	Isolation of bis(copper) key intermediates in Cu-catalyzed azide-alkyne â€œclick reactionâ€• Science Advances, 2015, 1, e1500304.	10.3	188
30	The Janus Face of the X Ligand in the Copper-Catalyzed Azideâ€“Alkyne Cycloaddition. Journal of the American Chemical Society, 2015, 137, 15696-15698.	13.7	70
31	Trinuclear Gold Clusters Supported by Cyclic (alkyl)(amino)carbene Ligands: Mimics for Gold Heterogeneous Catalysts. Angewandte Chemie - International Edition, 2014, 53, 9059-9063.	13.8	89
32	Singlet carbenes as mimics for transition metals: synthesis of an air stable organic mixed valence compound [M₂(C₂)⁺Ë™; M = cyclic(alkyl)(amino)carbene]. Organic Chemistry Frontiers, 2014, 1, 351-354.	4.5	82
33	An efficient synthetic route to stable bis(carbene)borylenes [(L1)(L2)BH]. Chemical Communications, 2014, 50, 7837-7839.	4.1	132
34	Isolation of Neutral Mononuclear Copper Complexes Stabilized by Two Cyclic (Alkyl)(amino)carbenes. Journal of the American Chemical Society, 2014, 136, 6235-6238.	13.7	73
35	Gold-Catalyzed Hydroarylation of Alkenes with Dialkylanilines. Journal of the American Chemical Society, 2014, 136, 13594-13597.	13.7	139
36	Isolation of Neutral Monoâ€•and Dinuclear Gold Complexes of Cyclic (Alkyl)(amino)carbenes. Angewandte Chemie - International Edition, 2013, 52, 8964-8967.	13.8	119

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37	Carbodicarbenes, Carbon(0) Derivatives, Can Dimerize. Chemistry - an Asian Journal, 2013, 8, 2940-2942.	3.3	31
38	Deprotonation of a Borohydride: Synthesis of a Carbeneâ€Stabilized Boryl Anion. Angewandte Chemie - International Edition, 2013, 52, 7590-7592.	13.8	129
39	Synthesis and Electrochemical Behavior of Mixed Organoboron/Organomercury Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1667-1671.	1.2	11
40	A Brief Survey of Our Contribution to Stable Carbene Chemistry. Organometallics, 2011, 30, 5304-5313.	2.3	400
41	Stable Cyclic Carbenes and Related Species beyond Diaminocarbenes. Angewandte Chemie - International Edition, 2010, 49, 8810-8849.	13.8	980
42	A Crystalline Phosphinyl Radical Cation. Journal of the American Chemical Society, 2010, 132, 10262-10263.	13.7	185
43	Synthesis and Ligand Properties of a Persistent, Allâ€Carbon Fourâ€Memberedâ€Ring Allene. Angewandte Chemie - International Edition, 2009, 48, 4792-4795.	13.8	122
44	Hybrid Lewis Acid/Hydrogen-Bond Donor Receptor for Fluoride. Organic Letters, 2006, 8, 2747-2749.	4.6	94
45	Bidentate Group 13 Lewis Acids with ortho-Phenylene and peri-Naphthalenediyl Backbones. Advances in Organometallic Chemistry, 2005, , 61-99.	1.0	45
46	A Heteronuclear Bidentate Lewis Acid as a Phosphorescent Fluoride Sensor. Journal of the American Chemical Society, 2005, 127, 9680-9681.	13.7	245
47	Syntheses of a 2,6-bis-(methylphospholyl)pyridine ligand and its cationic Pd(II) and Ni(II) complexes â€“ application in the palladium-catalyzed synthesis of arylboronic esters. Journal of Organometallic Chemistry, 2004, 689, 2988-2994.	1.8	38
48	(2,5-diphenylphospholyl)-2-methylpyridine and 2-methyl-5R-phenyloxazoline PdCl2 complexes: Syntheses, X-ray crystal structures and use in the Miyaura and Heck coupling reactions. Comptes Rendus Chimie, 2004, 7, 823-832.	0.5	17
49	Reactivity of a 1,3,2-diazaphosphinine toward propargyl-phosphine derivatives and activated alkenes. Heteroatom Chemistry, 2003, 14, 326-333.	0.7	18
50	Phosphinines and Diphosphaferrocenes: Recent Advances. ChemInform, 2003, 34, no.	0.0	0
51	Reactivity of a 1,3,2-Diazaphosphine Toward Propargyl-Phosphine Derivatives and Activated Alkenes.. ChemInform, 2003, 34, no.	0.0	0
52	A mixed palladium(0) palladium(II) bis-diphosphaferrocene complex. Journal of Organometallic Chemistry, 2003, 684, 189-193.	1.8	13
53	Phosphinines and Diphosphaferrocenes: Recent Advances. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1529-1532.	1.6	8
54	Cationic diphosphaferrocene gallium dichloride complexes. New Journal of Chemistry, 2002, 26, 1378-1383.	2.8	28

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55	Chemoselective reduction of pyrimidines. An access to enantiopure tetrahydropyrimidinones. Tetrahedron Letters, 2001, 42, 8629-8631.	1.4	8
56	Enantioselective synthesis of Î±,Î²-substituted Î²-amino acids. Tetrahedron, 2001, 57, 195-200.	1.9	22
57	Bis(diphosphaferrocene) palladium(II) dimer complexes as efficient catalysts in the synthesis of arylboronic esters. Journal of Organometallic Chemistry, 2001, 640, 197-199.	1.8	56
58	An Efficient Synthesis of a New Series of Acyclonucleosides Starting from Î²-Amino Alcohols. Journal of Organic Chemistry, 2000, 65, 6666-6669.	3.2	10
59	An Efficient Synthesis of Pyrimidines from Î²-Amino Alcohols. Organic Letters, 2000, 2, 633-634.	4.6	10