

NHCs in Main Group Chemistry

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Taming a silylium cation and its reactivity towards sodium phosphoethynolate. <i>Chemical Communications</i> , 2018, 54, 13523-13526.	2.2	11
2	Coinage metal complexes of NHC-stabilized silyliumylidene ions. <i>Chemical Communications</i> , 2018, 54, 13658-13661.	2.2	15
3	Boron carbonyl complexes analogous to hydrocarbons. <i>Dalton Transactions</i> , 2018, 47, 17192-17197.	1.6	9
4	Synthesis of Cyclic Alkyl(amino) Carbene Stabilized Silylenes with Small N-Donating Substituents. <i>Chemistry - A European Journal</i> , 2019, 25, 1193-1197.	1.7	7
5	Probing the M=C_{NHC} Bond and Its Effect on the Synthesis, Structure, and Reactivity of R₂MOR(NHC) (M = Al, Ga, In) Complexes. <i>Organometallics</i> , 2018, 37, 4585-4598.	1.1	10
6	Theoretical Investigation of Hydride Insertion into N-Heterocyclic Carbenes Containing N, P, C, O and S Heteroatoms. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3745-3752.	1.7	5
7	Pyrylenes: A New Class of Tunable, Redox-Switchable, Photoexcitable Pyrylium-Carbene Hybrids with Three Stable Redox-States. <i>Journal of the American Chemical Society</i> , 2018, 140, 14823-14835.	6.6	46
8	Synthesis and characterization of N-heterocyclic carbene complexes of 1,3,2-dioxaborolane-4,5-dione (NHC-boryl oxalates). <i>Tetrahedron</i> , 2018, 74, 6961-6965.	1.0	2
9	Flexible and Versatile Pincer-Type PGeP and PSnP Ligand Frameworks. <i>Organometallics</i> , 2018, 37, 4147-4155.	1.1	43
10	The coordinative flexibility of rigid phenanthroline-analogous di(NHC)-ligands. <i>Coordination Chemistry Reviews</i> , 2018, 377, 73-85.	9.5	11
11	Highly Reactive Cyclic(alkyl)(amino) Carbene- and N-Heterocyclic Carbene-Bismuth(III) Complexes: Synthesis, Structure, and Computations. <i>Inorganic Chemistry</i> , 2018, 57, 11687-11695.	1.9	24
12	Cationic Complexes of Boron and Aluminum: An Early 21st Century Viewpoint. <i>Chemistry - A European Journal</i> , 2019, 25, 2898-2926.	1.7	48
13	Insights Into the Origin of Life: Did It Begin from HCN and H₂O?. <i>ACS Central Science</i> , 2019, 5, 1532-1540.	5.3	61
14	Heteroleptic diphosphenes and arsaphosphenes bearing neutral and anionic N-heterocyclic carbenes. <i>Chemical Communications</i> , 2019, 55, 10709-10712.	2.2	33
15	B-B Cleavage and Ring Expansion of a 1,4,2,3-Diazadiborinane with N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2019, 25, 13572-13578.	1.7	10
16	NHC-Coordinated Diphosphene-Stabilized Gold(I) Hydride and Its Reversible Conversion to Gold(I) Formate with CO₂. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15367-15371.	7.2	10
17	Design of non-ionic carbon superbases: second generation carbodiphosphoranes. <i>Chemical Science</i> , 2019, 10, 9483-9492.	3.7	21
18	NHC-Coordinated Diphosphene-Stabilized Gold(I) Hydride and Its Reversible Conversion to Gold(I) Formate with CO₂. <i>Angewandte Chemie</i> , 2019, 131, 15511-15515.	1.6	0

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19	Alkylaluminum Complexes as Precatalysts in Hydroboration of Nitriles and Carbodiimides. <i>Organometallics</i> , 2019, 38, 3092-3097.	1.1	56
20	Cyclic(alkyl)(amino) Carbene-Promoted Ring Expansion of a Carbodicarbene Beryllacycle. <i>Inorganic Chemistry</i> , 2019, 58, 11118-11126.	1.9	25
21	N-Heterocyclic Carbenes as Key Intermediates in the Synthesis of Fused, Mesoionic, Tricyclic Heterocycles. <i>Chemistry - A European Journal</i> , 2019, 25, 13030-13036.	1.7	9
22	Oligomerization of phosphalkynes mediated by bulky N-heterocyclic carbenes: avenues to novel phosphorus frameworks. <i>Dalton Transactions</i> , 2019, 48, 14242-14245.	1.6	9
23	Isolation of Carbene-Stabilized Arsenic Monophosphide [AsP] and its Radical Cation [AsP] ⁺ and Dication [AsP] ²⁺ . <i>Chemistry - A European Journal</i> , 2019, 25, 13119-13123.	1.7	29
24	Stable Borepinium and Borafluorenium Heterocycles: A Reversible Thermochromic "Switch"-Based on Boron-Oxygen Interactions. <i>Chemistry - A European Journal</i> , 2019, 25, 12512-12516.	1.7	46
25	Disilene-Silylene Interconversion: A Synthetically Accessible Acyclic Bis(silyl)silylene. <i>Journal of the American Chemical Society</i> , 2019, 141, 13536-13546.	6.6	64
26	NHI- and NHC-Supported Al(III) Hydrides for Amine-Borane Dehydrocoupling Catalysis. <i>Inorganics</i> , 2019, 7, 92.	1.2	8
27	Chemical Bonding and Bonding Models of Main-Group Compounds. <i>Chemical Reviews</i> , 2019, 119, 8781-8845.	23.0	232
28	Antimony(III)-Pd(II) complexes with the (1/4-Sb)Pd ₂ coordination framework. <i>Dalton Transactions</i> , 2019, 48, 11912-11920.	1.6	14
29	Synthesis and Characterization of Neutral and Cationic Magnesium Complexes Supported by NHC Ligands. <i>Organometallics</i> , 2019, 38, 2748-2757.	1.1	12
30	Base-Stabilized [PO] ⁺ /[PO ₂] ⁺ Cations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18276-18280.	7.2	15
31	Ring Contraction by NHC-Induced Pnictogen Abstraction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16563-16568.	7.2	35
32	Interconversion of Phosphinyl Radical and Phosphinidene Complexes by Proton Coupled Electron Transfer. <i>Angewandte Chemie</i> , 2019, 131, 6404-6407.	1.6	7
33	Ringkontraktion durch NHC-induzierte Pnictogen-Abstraktion. <i>Angewandte Chemie</i> , 2019, 131, 16716-16721.	1.6	12
34	Catalytic CO ₂ Reduction with Boron- and Aluminum Hydrides. <i>ChemCatChem</i> , 2019, 11, 5275-5281.	1.8	46
35	N-Heterocyclic Carbene-Supported Aryl- and Alk- oxides of Beryllium and Magnesium. <i>Catalysts</i> , 2019, 9, 934.	1.6	24
36	NHC-Stabilized Silyl-Substituted Chlorosilylene. <i>Inorganic Chemistry</i> , 2019, 58, 15700-15704.	1.9	13

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37	Low-nuclearity magnesium hydride complexes stabilized by N-heterocyclic carbenes. Dalton Transactions, 2019, 48, 17174-17178.	1.6	13
38	Lithium Complexes with Bridging and Terminal NHC Ligands: The Decisive Influence of an Anionic Tether. European Journal of Inorganic Chemistry, 2019, 2019, 4894-4901.	1.0	17
39	Transition Metal Carbonyl Complexes of an N-Heterocyclic Carbene Stabilized Silyliumylidene Ion. Inorganic Chemistry, 2019, 58, 14931-14937.	1.9	19
40	Synthesis, Structure, and Reactivity of Disiloxa[3]tetrelocenophanes. ACS Omega, 2019, 4, 18355-18360.	1.6	8
41	Basicity of N-heterocyclic carbene and its main-group analogues. Computational and Theoretical Chemistry, 2019, 1164, 112557.	1.1	7
42	Synthesis of organoaluminum chalcogenides and their applications in Lewis acid catalysis. Inorganica Chimica Acta, 2019, 497, 119091.	1.2	8
43	DFT based engineering of N-heterocyclic carbenes to exacerbate its activity for SO ₂ fixation and storage. Journal of Molecular Graphics and Modelling, 2019, 93, 107437.	1.3	7
44	N-Heterocyclic Carbene-Stabilized Germanium and Tin Analogues of Heavier Nitriles: Synthesis, Reactivity, and Catalytic Application. Journal of the American Chemical Society, 2019, 141, 14576-14580.	6.6	60
45	Elimination of Ethene from 1,2-Diiodoethane Induced by N-Heterocyclic Carbene Halogen Bonding. Australian Journal of Chemistry, 2019, 72, 614.	0.5	2
46	Bifurcated Hydrogen-Bond-Stabilized Boron Analogues of Carboxylic Acids. Inorganic Chemistry, 2019, 58, 13370-13375.	1.9	14
47	Heavier Carbonyl Olefination: The Sila-Wittig Reaction. Journal of the American Chemical Society, 2019, 141, 16991-16996.	6.6	38
48	Isolation of Cyclic(Alkyl)(Amino) Carbene-Bismuthinidene Mediated by a Beryllium(0) Complex. Chemistry - A European Journal, 2019, 25, 4335-4339.	1.7	71
49	Complexation between MOTf (M = Li and Na) and <i>N</i> -Phosphine Oxide-substituted Imidazolylidenes via Coordination of the <i>N</i> -Phosphoryl Groups. Chemistry Letters, 2019, 48, 230-233.	0.7	10
50	New Outcomes of Beryllium Chemistry: Lewis Base Adducts for Salt Elimination Reactions. Inorganic Chemistry, 2019, 58, 2652-2658.	1.9	34
51	Ring-Opening Reactions of NHC-Boriranes with In Situ Generated HCl: Synthesis of a New Class of NHC-Boralactones. Journal of the American Chemical Society, 2019, 141, 3623-3629.	6.6	14
52	Stepwise Reduction at Magnesium and Beryllium: Cooperative Effects of Carbenes with Redox Non-Innocent \pm -Diimines. Inorganic Chemistry, 2019, 58, 10554-10568.	1.9	30
53	Organic Redox Systems Based on Pyridinium-Carbene Hybrids. Journal of the American Chemical Society, 2019, 141, 9701-9711.	6.6	53
54	Benzyl Borane NHC Adducts: Beyond B-C Bond Scission. Chemistry - A European Journal, 2019, 25, 10575-10579.	1.7	8

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55	NHC-stabilized silyl-substituted silyliumylidene ions. Dalton Transactions, 2019, 48, 10403-10406.	1.6	10
56	Dicationic ditelluride salts stabilized by N-heterocyclic carbene. New Journal of Chemistry, 2019, 43, 10894-10898.	1.4	8
57	Three Ways Isolable Carbenes Can Modulate Emission of NH-Containing Fluorophores. Journal of the American Chemical Society, 2019, 141, 12055-12063.	6.6	13
58	Isolation of an N-heterocyclic Carbene Complex of a Borasilene. Chemistry - A European Journal, 2019, 25, 11036-11041.	1.7	62
59	Quantifying electronic similarities between NHC-gold complexes and their isolobal imidazolium precursors. Physical Chemistry Chemical Physics, 2019, 21, 15615-15622.	1.3	10
60	The Coupling of N-Heterocyclic Carbenes to Terminal Alkynes at Half Sandwich Cobalt NHC Complexes. Organometallics, 2019, 38, 2558-2572.	1.1	15
61	Donor-acceptor coordination interactions in 1,3-bis(NHC)triazenyl Cations: An electronic structure analysis. Journal of Computational Chemistry, 2019, 40, 2207-2215.	1.5	5
62	Catalytically Active N-heterocyclic Carbene Release from Single-Chain Nanoparticles Following a Thermolysis-Driven Unfolding Strategy. Macromolecular Rapid Communications, 2019, 40, e1900071.	2.0	10
63	Isolation of a Relatively Air-Stable, Bulky Silyl-Substituted, Neutral Silicon-Centered Radical. European Journal of Inorganic Chemistry, 2019, 2019, 2977-2981.	1.0	4
64	Lewis base-complexed magnesium dithiolenes. Chemical Communications, 2019, 55, 8087-8089.	2.2	9
65	Hydrolysis of NHC stabilized zinc diaryloxide [(NHC)Zn(OAr) ₂]: Impact of stoichiometric quantity of water and base. Journal of Organometallic Chemistry, 2019, 893, 78-84.	0.8	2
66	An Anionic Diketiminato Oxoborane with a B=O Double Bond. European Journal of Inorganic Chemistry, 2019, 2019, 2635-2638.	1.0	6
67	Coordination chemistry and applications of medium/high oxidation state metal and non-metal fluoride and oxide-fluoride complexes with neutral donor ligands. Coordination Chemistry Reviews, 2019, 391, 90-130.	9.5	32
68	Isolation of base stabilized fluoroborylene and its radical cation. Dalton Transactions, 2019, 48, 8551-8555.	1.6	11
69	Bioderived and Eco-Friendly Solvent-Processed High-Mobility Ambipolar Plastic Transistors through Controlled Irregularity of the Polymer Backbone. Chemistry of Materials, 2019, 31, 3831-3839.	3.2	20
70	Reversible Intramolecular Cycloaddition of Phosphaalkene to an Arene Ring. Journal of the American Chemical Society, 2019, 141, 8083-8087.	6.6	24
71	Crystalline Divinyldiarsenes and Cleavage of the As=As Bond. Chemistry - A European Journal, 2019, 25, 8249-8253.	1.7	31
72	Crystalline Tetraatomic Boron(0) Species. Journal of the American Chemical Society, 2019, 141, 5164-5168.	6.6	29

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73	Synthesis of Bisheteroarylalkanes by Heteroarylboration: Development and Application of a Pyridylideneâ€“Copper Complex. <i>Angewandte Chemie</i> , 2019, 131, 6109-6113.	1.6	9
74	Cyclic(Alkyl)(Amino)Carbene (CAAC)â€“Supported Zn Alkyls: Synthesis, Structure and Reactivity in Hydrosilylation Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 8061-8069.	1.7	28
75	Alkali-Metal-Mediated Synergistic Effects in Polar Main Group Organometallic Chemistry. <i>Chemical Reviews</i> , 2019, 119, 8332-8405.	23.0	174
76	Lowâ€“Valent Groupâ€“14 NHCâ€“Stabilized Phosphinidenide ate Complexes and NHCâ€“Stabilized K/Pâ€“Clusters. <i>Chemistry - A European Journal</i> , 2019, 25, 4914-4919.	1.7	12
77	Synthesis of Bisheteroarylalkanes by Heteroarylboration: Development and Application of a Pyridylideneâ€“Copper Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6048-6052.	7.2	32
78	Interconversion of Phosphinyl Radical and Phosphinidene Complexes by Proton Coupled Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6338-6341.	7.2	21
79	NHCâ€“Stabilised Silyliumylidene Ions. <i>Chemical Record</i> , 2019, 19, 2179-2188.	2.9	20
80	Enols, Diamino Enols, and Breslow Intermediates: A Comparative Quantum Chemical Analysis. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2481-2489.	1.2	4
81	Role of London Dispersion Interactions in Ga-Substituted Dipnictenes. <i>Organometallics</i> , 2019, 38, 1640-1647.	1.1	32
82	Equilibrium Coordination of NHCs to Si(IV) Species and Donor Exchange in Donorâ€“Acceptor Stabilized Si(II) and Ge(II) Compounds. <i>Inorganic Chemistry</i> , 2019, 58, 4071-4075.	1.9	12
83	A Dialkyl Calcium Carbene Adduct: Synthesis, Structure, and Catalytic Crossâ€“Dehydrocoupling of Silanes with Amines. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2231-2235.	1.0	20
84	Stable cyclic (alkyl)(amino)carbene (cAAC) radicals with main group substituents. <i>Chemical Science</i> , 2019, 10, 4727-4741.	3.7	113
85	Azoâ€“MICs: Redoxâ€“Active Mesoionic Carbene Ligands Derived from Azoimidazolium Dyes. <i>Angewandte Chemie</i> , 2019, 131, 1778-1781.	1.6	8
86	Cyclic Alkyl(amino) Carbene-Stabilized Monoradicals of Organosilicon(IV) Compounds with Small Substituents. <i>Organometallics</i> , 2019, 38, 1939-1945.	1.1	6
87	N-Heterocyclic Carbene Adducts of Main Group Elements and Their Use as Ligands in Transition Metal Chemistry. <i>Chemical Reviews</i> , 2019, 119, 6994-7112.	23.0	346
88	Bent Phosphaallenes With â€“Hiddenâ€“Lone Pairs as Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 7912-7920.	1.7	2
89	Syntheses, Structures, and Bonding Analyses of Carbeneâ€“Stabilized Stibinidenes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1669-1678.	1.0	36
90	Synthesis and Structures of Base-Stabilized Cationic Silanethiontungsten Complexes and Reaction with MeOH. <i>Organometallics</i> , 2019, 38, 735-738.	1.1	6

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91	Radicals derived from Lewis acid/base pairs. <i>Chemical Society Reviews</i> , 2019, 48, 3454-3463.	18.7	96
92	Germlyone-bridged bimetallic Ir and Rh complexes. <i>Dalton Transactions</i> , 2019, 48, 3555-3559.	1.6	9
93	Silylated Ge ₉ Clusters as New Ligands for Cyclic (Alkyl)amino and Mesoionic Carbene Copper Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 3256-3264.	1.9	11
94	Synthesis, Structure, and Bonding Analysis of Tin(II) Dihalide and Cyclopentadienyltin(II) Halide (Alkyl)(amino)carbene Complexes. <i>Organometallics</i> , 2019, 38, 1052-1061.	1.1	23
95	Metal-Free Electrochemical Reduction of Carbon Dioxide Mediated by Cyclic(Alkyl)(Amino) Carbenes. <i>Chemistry - A European Journal</i> , 2019, 25, 6098-6101.	1.7	16
96	Binuclear Niobium Complex with Coordinated N-Heterocyclic Carbene. <i>Journal of Structural Chemistry</i> , 2019, 60, 1989-1994.	0.3	3
97	Bicyclic (amino)(borata)carbene derived from diazadiborinine and isonitrile. <i>Chemical Communications</i> , 2019, 55, 13012-13014.	2.2	4
98	Process-tracing study on the post-assembly modification of poly-NHC-based metallocsupramolecular cylinders with tunable aggregation-induced emission. <i>Chemical Communications</i> , 2019, 55, 13689-13692.	2.2	8
99	Reactions of a BICAAC with hydroboranes: propensity for Lewis adduct formation and carbene insertion into the B-H bond. <i>Dalton Transactions</i> , 2019, 48, 17472-17478.	1.6	8
100	Labile Imidazolium Cyclopentadienides. <i>Organometallics</i> , 2019, 38, 4578-4584.	1.1	4
101	The First Fused N-Heterocyclic Imidazole Pyridine Selones and Their Coordination Ability Towards Bismuth(III) Salts. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4902-4907.	1.0	5
102	Pogo-Stick Iron and Cobalt Complexes: Synthesis, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2019, 58, 16475-16486.	1.9	15
103	Donor-Acceptor vs Electron-Shared Bonding: Triatomic Si _n C ₃ (n = 3) Clusters Stabilized by Cyclic Alkyl(amino) Carbene. <i>Journal of Physical Chemistry A</i> , 2019, 123, 10764-10771.	1.1	5
104	Base-Stabilized [PO] ⁺ /[PO ₂] ⁺ Cations. <i>Angewandte Chemie</i> , 2019, 131, 18444-18448.	1.6	6
105	Azo-MICs: Redox-Active Mesoionic Carbene Ligands Derived from Azoimidazolium Dyes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1764-1767.	7.2	18
106	Synthesis and Structures of Rh ^I and Ir ^I Complexes Supported by N-Heterocyclic Carbene-Phosphinidene Adducts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 44-49.	0.6	10
107	The Quest for Stable Silaaldehydes: Synthesis and Reactivity of a Masked Silacarbonyl. <i>Chemistry - A European Journal</i> , 2019, 25, 1198-1202.	1.7	34
108	Coordination Chemistry of Silicon. <i>Inorganics</i> , 2019, 7, 7.	1.2	0

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109	Isolation of Transient Acyclic Germanium(I) Radicals Stabilized by Cyclic Alkyl(amino) Carbenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 1908-1912.	6.6	27
110	Linking Low-Coordinate Ge(II) Centers via Bridging Anionic N-Heterocyclic Olefin Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 1592-1601.	1.9	15
111	Synthesis, characterization, and investigation of antiproliferative activity of novel Ag(I)-N-Heterocyclic Carbene (NHC) compounds. <i>Journal of Molecular Structure</i> , 2020, 1199, 126987.	1.8	15
112	4-Vinylbenzyl and 2-morpholinoethyl substituted ruthenium (II) complexes: Design, synthesis, and biological evaluation. <i>Journal of Molecular Structure</i> , 2020, 1202, 127355.	1.8	16
113	Low-Valent Group 14 Phosphinidenide Complexes [(<i>S</i> Idipp)P] ₂ M Exhibit M π-π Interaction (M=Ge, Sn, Pb). <i>Chemistry - A European Journal</i> , 2020, 26, 192-197.	1.7	36
114	History and Future of Dative Bonds. <i>Chemistry - A European Journal</i> , 2020, 26, 759-772.	1.7	28
115	Recent Advances in Rare Earth Complexes Containing N-Heterocyclic Carbenes: Synthesis, Reactivity, and Applications in Polymerization. <i>Catalysts</i> , 2020, 10, 71.	1.6	21
116	A DFT Study on the Redox Active Behavior of Carbene and Pyridine Ligands in the Oxidative and Reductive Quenching Cycles of Ruthenium Photoredox Catalysts. <i>Catalysts</i> , 2020, 10, 80.	1.6	5
117	Influence of N-heterocyclic carbenes (NHCs) on the hydrolysis of a diphosphene. <i>Dalton Transactions</i> , 2020, 49, 993-997.	1.6	7
118	The unique η^2 -diketiminato ligand in aluminum(<i>sc</i>) and gallium(<i>sc</i>) chemistry. <i>Dalton Transactions</i> , 2020, 49, 1351-1364.	1.6	102
119	N-Heterocyclic Carbene Stabilized Dicarbonyldiphosphides: Strong Neutral Four-Membered Heterocyclic σ -Electron Donors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4288-4293.	7.2	21
120	Aromaticity of N-heterocyclic carbene and its analogues: Magnetically induced ring current perspective. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26152.	1.0	9
121	Investigations of FeCl ₃ adducted N-heterocyclic carbene complex as curing-delayed action catalyst for polyurethane polymerization. <i>Journal of Catalysis</i> , 2020, 382, 77-85.	3.1	7
122	Highly Selective Substitution and Insertion Reactions of Silylenes in a Metal-Coordinated Polyphosphide. <i>Journal of the American Chemical Society</i> , 2020, 142, 1190-1195.	6.6	36
123	Gold(I) and Gold(III) Complexes of Expanded-Ring N-Heterocyclic Carbenes: Structure, Reactivity, and Catalytic Applications. <i>Organometallics</i> , 2020, 39, 172-181.	1.1	20
124	Synthesis of the Cyclic Group 13 Phosphinidenides [(NHC)PMCl ₂] ₂ (NHC = SIMes, <i>S</i> Idipp; M = Al, Ga). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 648-652.	0.6	6
125	Divalent N I Compounds: Identifying new Carbocyclic Carbenes to Design Nitreneones using Quantum Chemical Methods. <i>Journal of Computational Chemistry</i> , 2020, 41, 2624-2633.	1.5	7
126	Reaction of Pyridine-N-Oxides with Tertiary sp ² -N-Nucleophiles: An Efficient Synthesis of Precursors for N-(Pyridin-2-yl)-Substituted N-Heterocyclic Carbenes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5777-5782.	2.1	8

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127	Insight into the Decomposition Mechanism of Donor–Acceptor Complexes of EH_2 ($\text{E} = \text{Ge}$)	1.9	17
128	The Chemistry of Azolium–Carboxylate Zwitterions and Related Compounds: a Survey of the Years 2009–2020. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3259-3310.	2.1	16
129	Design Concepts for N-Heterocyclic Carbene Ligands. <i>Trends in Chemistry</i> , 2020, 2, 1096-1113.	4.4	38
130	N-Heterocyclic Carbene-Mediated Ring Opening of Reduced Diazamagnesacycles. <i>Organometallics</i> , 2020, 39, 4575-4583.	1.1	5
131	Plasticity of NHCs on the Ruthenium–Phosphine and Ruthenium–Ylidene Bonds in Olefin Metathesis Catalysts. <i>Organometallics</i> , 2020, 39, 3972-3982.	1.1	10
132	Reactivity of an Unprotected Mesoionic N-Heterocyclic Olefin. <i>Organometallics</i> , 2020, 39, 4115-4122.	1.1	15
133	Chalcogen complexes of anionic N-heterocyclic carbenes. <i>Dalton Transactions</i> , 2020, 49, 13207-13217.	1.6	19
134	Bis–NHC Aluminium and Gallium Dihydride Cations $[(\text{NHC})_2\text{EH}_2]^+$ ($\text{E} = \text{Al, Ga}$)	1.0	20
135	NHCs as Neutral Donors towards Polyphosphorus Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 16251-16255.	1.7	17
136	Terminal Phosphinidene Complex Adducts with Neutral and Anionic O-Donors and Halides and the Search for a Differentiating Bonding Descriptor. <i>Inorganic Chemistry</i> , 2020, 59, 12829-12841.	1.9	22
137	The $[(\text{NHC})\text{B}(\text{H})\text{C}_6\text{F}_5]_2^+$ Cations and Their $[\text{B}(\text{H})\text{CO}]$ Borane Carbonyls. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21460-21464.	7.2	19
138	Cobalt(I)- and Rhodium(I)-Mediated Dearylation of N-Aryl N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2020, 39, 2871-2877.	1.1	16
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#	ARTICLE	IF	CITATIONS
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