

# Christian Ganter

## List of Publications by Year in descending order

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46  
papers

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citations

218677

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Determining the $\sigma$ -Acceptor Properties of N-Heterocyclic Carbenes by Measuring the $^{77}\text{Se}$ NMR Chemical Shifts of Their Selenium Adducts. <i>Organometallics</i> , 2013, 32, 5269-5272.	2.3	309
2	Flavin Monooxygenase-Generated N-Hydroxypipicolinic Acid Is a Critical Element of Plant Systemic Immunity. <i>Cell</i> , 2018, 173, 456-469.e16.	28.9	297
3	Determining the Ligand Properties of N-Heterocyclic Carbenes from $^{77}\text{Se}$ NMR Parameters. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2416-2425.	2.0	221
4	Chiral organometallic half-sandwich complexes with defined metal configuration. <i>Chemical Society Reviews</i> , 2003, 32, 130-138.	38.1	149
5	An N-Heterocyclic Carbene Ligand with an Oxalamide Backbone. <i>Organometallics</i> , 2010, 29, 4418-4420.	2.3	123
6	Reactivity of an Oxalamide-Based N-Heterocyclic Carbene. <i>Organometallics</i> , 2012, 31, 1927-1934.	2.3	76
7	Cyclopentadienyl-Substituted Phosphaferrocenes: Synthesis of a Bis(phosphaferrocene) P,P-Chelate Ligand. <i>Organometallics</i> , 1999, 18, 5444-5446.	2.3	67
8	A New Concept for Chelate Ligands with Planar Chirality. <i>Organometallics</i> , 1997, 16, 2862-2867.	2.3	64
9	Coordination Chemistry and Catalytic Application of Bidentate Phosphaferrocene-Pyrazole and Imidazole Based P,N-Ligands. <i>Organometallics</i> , 2009, 28, 3049-3058.	2.3	61
10	Enantiomerically pure phosphaferrocenes with planar chirality. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2607-2611.	1.8	53
11	Cu-F Interactions between Cationic Linear N-Heterocyclic Carbene Copper(I) Pyridine Complexes and Their Counterions Greatly Enhance Blue Luminescence Efficiency. <i>Inorganic Chemistry</i> , 2019, 58, 5433-5445.	4.0	52
12	A Cationic N-Heterocyclic Carbene with an Organometallic Backbone: Synthesis and Reactivity. <i>Organometallics</i> , 2011, 30, 3483-3486.	2.3	51
13	Expanding the Chemistry of Cationic N-Heterocyclic Carbenes: Alternative Synthesis, Reactivity, and Coordination Chemistry. <i>Chemistry - A European Journal</i> , 2012, 18, 6670-6678.	3.3	50
14	New P,N-Chelate Ligands Based on Pyridyl-Substituted Phosphaferrocenes. <i>European Journal of Inorganic Chemistry</i> , 1998, 1998, 1163-1168.	2.0	49
15	Diamino- and Mixed Amino-Amido-N-Heterocyclic Carbenes Based on Triazine Backbones. <i>Organometallics</i> , 2012, 31, 2001-2008.	2.3	45
16	Hybrid Ligands with N-Heterocyclic Carbene and Chiral Phosphaferrocene Components. <i>Chemistry - A European Journal</i> , 2008, 14, 2719-2729.	3.3	44
17	Tuning the electronic properties of an N-heterocyclic carbene by charge and mesomeric effects. <i>Chemical Communications</i> , 2013, 49, 5417.	4.1	39
18	Phosphanyl-Substituted Phosphaferrocenes as P,P-Chelate Ligands. <i>Chemische Berichte</i> , 1997, 130, 1771-1776.	0.2	38

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19	The chemistry of chiral heterometallobenes. Dalton Transactions RSC, 2001, , 3541-3548.	2.3	36
20	Converting a perimidine derivative to a cationic N-heterocyclic carbene. Journal of Organometallic Chemistry, 2014, 750, 23-29.	1.8	36
21	Computer-Aided Design of Luminescent Linear N-Heterocyclic Carbene Copper(I) Pyridine Complexes. Inorganic Chemistry, 2019, 58, 5446-5456.	4.0	35
22	Fulvene-Like Cationic Phosphaferrocene Species as Synthetically Valuable Intermediates: Preparative and Mechanistic Aspects of the Diastereoselective Formation of $\beta$ -Phosphanyl-Substituted 2-Ethylphosphaferrocenes. Chemistry - A European Journal, 1998, 4, 2148-2153.	3.3	33
23	A New Mixed Amino- $\alpha$ -Amido N-Heterocyclic Carbene Based on Anthranilic Acid. Organometallics, 2013, 32, 854-861.	2.3	33
24	Converting Caffeine to Electronically Different N-Heterocyclic Carbenes with a Hypoxanthine Backbone. Organometallics, 2012, 31, 7272-7277.	2.3	32
25	Contribution to the Chemistry of Metal Complexes with Stereogenic Metal Centers: $\alpha$ -Diastereoselective Formation of Ruthenium Half-Sandwich Complexes. Organometallics, 2001, 20, 1614-1619.	2.3	30
26	Titanium-Mediated Reductive Coupling of Chiral Formylphosphaferrocenes: $\alpha$ Formation of Bis(phosphaferrocenyl)-Substituted Ethylenes and Pinacols. Organometallics, 2002, 21, 2993-3000.	2.3	30
27	Synthesis and reactivity of (benz)imidazol-2-ylidenes with exocyclic N-acyl or N-sulfonyl groups. Journal of Organometallic Chemistry, 2014, 750, 140-149.	1.8	24
28	Linear Carbene Pyridine Copper Complexes with Sterically Demanding $\alpha$ -Bis(trityl)imidazolylidene: Syntheses, Molecular Structures, and Photophysical Properties. Inorganic Chemistry, 2021, 60, 18529-18543.	4.0	24
29	Electrostatic Properties of N-Heterocyclic Carbenes Obtained by Experimental Charge-Density Analysis of Two Selenium Adducts. European Journal of Inorganic Chemistry, 2016, 2016, 3389-3395.	2.0	23
30	The first structurally characterized N-heterocyclic carbene complex with a ligand derived from pyrimidine. Journal of Organometallic Chemistry, 2010, 695, 474-477.	1.8	20
31	Synthesis, Structure and Reactivity of Trimethylsilyl-Substituted Phosphametallobenes. European Journal of Inorganic Chemistry, 2007, 2007, 553-561.	2.0	17
32	First N-Heterocyclic Carbenes Relying on the Triazolone Structural Motif: Syntheses, Modifications and Reactivity. Chemistry - A European Journal, 2015, 21, 15759-15768.	3.3	17
33	Mechanistic Insight into the Formation of Phosphaferrocene. Organometallics, 2006, 25, 2394-2397.	2.3	16
34	An Extremely Electron Poor Cationic Triazoliumylidene N-Heterocyclic Carbene: Experimental and Computational Studies. Organometallics, 2017, 36, 4443-4450.	2.3	16
35	Reactivity of a cationic N-heterocyclic carbene and its corresponding dicationic precursor. Journal of Organometallic Chemistry, 2012, 717, 83-87.	1.8	15
36	Synthesis of Manganese and Rhenium Half-Sandwich Complexes with Cp-Phosphaferrocene Ligands. Organometallics, 2005, 24, 5176-5179.	2.3	14

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37	Straightforward synthesis of phosphametalocenium cations of Rh and Ir. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2610-2614.	1.8	14
38	Access to a Cationic, Electron-Poor <i>N</i> -Heterocyclic Carbene with a Quinazolinium Core by Postsynthetic Modification of Related Neutral Derivatives. <i>Organometallics</i> , 2018, 37, 4276-4286.	2.3	9
39	Synthesis of Chiral, Half-Sandwich Ruthenium Complexes from Weakly Coordinated Solvent Species. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 745-750.	2.0	7
40	Electronic Finetuning of 8-Methoxy Psoralens by Palladium-Catalyzed Coupling: Acidochromicity and Solvatochromicity. <i>Chemistry - A European Journal</i> , 2020, 26, 8064-8075.	3.3	7
41	Unsaturated Organic Derivatives of Phosphaferrocene – Synthesis and Reactivity of Vinyl- and Alkynylphosphaferrocenes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4356-4364.	2.0	4
42	An <i>N</i> -Heterocyclic carbene with a sulfonamide group embedded within the heterocyclic backbone. <i>Journal of Organometallic Chemistry</i> , 2017, 838, 37-41.	1.8	4
43	A tropylium annulated <i>N</i> -heterocyclic carbene. <i>Chemical Communications</i> , 2020, 56, 9020-9023.	4.1	4
44	Synthesis, Reactivity and Electronic Properties of Quinazolinone-Based <i>N</i> -Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, e202100894.	2.0	2
45	Influence of ring substituents on the electronic properties of 1,2,4-triazolylienes. <i>Journal of Organometallic Chemistry</i> , 2020, 915, 121234.	1.8	1
46	Chiral Organometallic Half-Sandwich Complexes with Defined Metal Configuration. <i>ChemInform</i> , 2003, 34, no.	0.0	0