

Guy Bertrand

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

417
papers

32,971
citations

94
h-index

166
g-index

430
ext. papers

36,012
ext. citations

10.8
avg, IF

7.58
L-index

#	Paper	IF	Citations
4 ¹⁷	Cyclic (Alkyl)(amino)carbenes: Synthesis of Iminium Precursors and Structural Properties.. <i>Journal of Organic Chemistry</i> , 2022 ,	4.2	5
4 ¹⁶	Stable Singlet Carbenes as Organic Superbases. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 27253	16.4	1
4 ¹⁵	Mesoionic carbene-Breslow intermediates as super electron donors: Application to the metal-free arylacylation of alkenes. <i>Chem Catalysis</i> , 2021 , 1, 196-206		14
4 ¹⁴	Cyclic (Alkyl)(amino)carbene Ligands Enable Cu-Catalyzed Markovnikov Protoboration and Protosilylation of Terminal Alkynes: A Versatile Portal to Functionalized Alkenes*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19871-19878	16.4	11
4 ¹³	Cyclic (Alkyl)(Amino)Carbene (CAAC) Gold(I) Complexes as Chemotherapeutic Agents. <i>Chemistry - A European Journal</i> , 2021 , 27, 3772-3778	4.8	10
4 ¹²	Cyclic (Alkyl)(amino)carbene Ligands Enable Cu-Catalyzed Markovnikov Protoboration and Protosilylation of Terminal Alkynes: A Versatile Portal to Functionalized Alkenes**. <i>Angewandte Chemie</i> , 2021 , 133, 20024-20031	3.6	0
4 ¹¹	Cyclic (Alkyl)(amino)carbenes (CAACs) in Ruthenium Olefin Metathesis. <i>ACS Catalysis</i> , 2021 , 11, 1714-1748	4.1	20
4 ¹⁰	Stable Carbenes, Nitrenes, Phosphinidenes, and Borylenes: Past and Future. <i>Chem</i> , 2020 , 6, 1275-1282	16.2	33
4 ⁰⁹	Cyclic (Alkyl)- and (Aryl)-(amino)carbene Coinage Metal Complexes and Their Applications. <i>Chemical Reviews</i> , 2020 , 120, 4141-4168	68.1	96
4 ⁰⁸	Influence of Carbene and Phosphine Ligands on the Catalytic Activity of Gold Complexes in the Hydroamination and Hydrohydrazination of Alkynes. <i>ACS Catalysis</i> , 2020 , 10, 5190-5201	13.1	21
4 ⁰⁷	Tuning electronic structure through halide modulation of mesoionic carbene cobalt complexes. <i>Dalton Transactions</i> , 2020 , 49, 2426-2430	4.3	6
4 ⁰⁶	Stable abnormal N-heterocyclic carbenes and their applications. <i>Chemical Society Reviews</i> , 2020 , 49, 12338-12521	38.5	105
4 ⁰⁵	Realizing Metal-Free Carbene-Catalyzed Carbonylation Reactions with CO. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18336-18340	16.4	16
4 ⁰⁴	Optically Pure -Symmetric Cyclic(alkyl)(amino)carbene Ruthenium Complexes for Asymmetric Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19895-19901	16.4	12
4 ⁰³	Absolute Templating of M(111) Cluster Surrogates by Galvanic Exchange. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16479-16485	16.4	5
4 ⁰²	The Influence of C(sp ³)H-Selenium Interactions on the ⁷⁷ Se NMR Quantification of the π -Accepting Properties of Carbenes. <i>Angewandte Chemie</i> , 2020 , 132, 22212-22217	3.6	13
4 ⁰¹	The Influence of C(sp ³)H-Selenium Interactions on the Se NMR Quantification of the π -Accepting Properties of Carbenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22028-22033	16.4	27

400	Understanding the Activity and Enantioselectivity of Acetyl-Protected Aminoethyl Quinoline Ligands in Palladium-Catalyzed $\text{C}(\text{sp})\text{-H}$ Bond Arylation Reactions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 16726-16733	16.4	17
399	Reductive Elimination at Carbon under Steric Control. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9823-9826	16.4	23
398	"Quick-Silver" from a Systematic Study of Highly Luminescent, Two-Coordinate, d Coinage Metal Complexes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8616-8626	16.4	102
397	Eliminating nonradiative decay in Cu(I) emitters: >99% quantum efficiency and microsecond lifetime. <i>Science</i> , 2019 , 363, 601-606	33.3	271
396	Silylated Ge Clusters as New Ligands for Cyclic (Alkyl)amino and Mesoionic Carbene Copper Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 3256-3264	5.1	9
395	The debut of chiral cyclic (alkyl)(amino)carbenes (CAACs) in enantioselective catalysis. <i>Chemical Science</i> , 2019 , 10, 7807-7811	9.4	23
394	Mesoionic Carbene (MIC)-Catalyzed H/D Exchange at Formyl Groups. <i>Chem</i> , 2019 , 5, 2484-2494	16.2	38
393	What Are the Radical Intermediates in Oxidative N-Heterocyclic Carbene Organocatalysis?. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1109-1117	16.4	57
392	Readily Available Primary Aminoboranes as Powerful Reagents for Aldimine Synthesis. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2875-2878	16.4	20
391	Readily Available Primary Aminoboranes as Powerful Reagents for Aldimine Synthesis. <i>Angewandte Chemie</i> , 2019 , 131, 2901-2904	3.6	4
390	Modular Approach to Kekulé Diradicaloids Derived from Cyclic (Alkyl)(amino)carbenes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2546-2554	16.4	57
389	Organic Mixed Valence Compounds Derived from Cyclic (Alkyl)(amino)carbenes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2206-2213	16.4	49
388	L3C3P3: Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. <i>Angewandte Chemie</i> , 2018 , 130, 204-208	3.6	21
387	Intercepting a Transient Phosphino-Arsinidene. <i>Chemistry - A European Journal</i> , 2018 , 24, 9514-9519	4.8	23
386	L C P : Tricarbontriphosphide Tricyclic Radicals and Cations Stabilized by Cyclic (alkyl)(amino)carbenes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 198-202	16.4	34
385	1 H-1,2,3-Triazol-5-ylidenes: Readily Available Mesoionic Carbenes. <i>Accounts of Chemical Research</i> , 2018 , 51, 3236-3244	24.3	106
384	Tandem copper hydride Lewis pair catalysed reduction of carbon dioxide into formate with dihydrogen. <i>Nature Catalysis</i> , 2018 , 1, 743-747	36.5	57
383	A crystalline monosubstituted carbene. <i>Nature Chemistry</i> , 2018 , 10, 1196-1200	17.6	16

382	The serendipitous discovery of a readily available redox-bistable molecule derived from cyclic(alkyl)(amino)carbenes. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2073-2078	5.2	8
381	Highly Ambiphilic Room Temperature Stable Six-Membered Cyclic (Alkyl)(amino)carbenes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9255-9260	16.4	69
380	The Advantages of Cyclic Over Acyclic Carbenes To Access Isolable Capto-Dative C-Centered Radicals. <i>Chemistry - A European Journal</i> , 2017 , 23, 6206-6212	4.8	29
379	(Phosphanyl)phosphaketenes as building blocks for novel phosphorus heterocycles. <i>Chemical Science</i> , 2017 , 8, 3720-3725	9.4	40
378	Spectroscopic Evidence for a Monomeric Copper(I) Hydride and Crystallographic Characterization of a Monomeric Silver(I) Hydride. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4024-4027	16.4	47
377	Spectroscopic Evidence for a Monomeric Copper(I) Hydride and Crystallographic Characterization of a Monomeric Silver(I) Hydride. <i>Angewandte Chemie</i> , 2017 , 129, 4082-4085	3.6	18
376	Cyclische Alkylaminocarbene (CAACs): Neues von guten Bekannten. <i>Angewandte Chemie</i> , 2017 , 129, 10186-10203	3.6	18
375	Bicyclic (Alkyl)(amino)carbenes (BICAACs): Stable Carbenes More Ambiphilic than CAACs. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7753-7756	16.4	62
374	Borylenes: An Emerging Class of Compounds. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10282-10291	16.4	62
373	Cyclic (Alkyl)(amino)carbenes (CAACs): Recent Developments. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10046-10068	16.4	62
372	Crystalline Monomeric Allenyl/Propargyl Radical. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15620-15623	16.4	48
371	Phosphorescent 2-, 3- and 4-coordinate cyclic (alkyl)(amino)carbene (CAAC) Cu(i) complexes. <i>Chemical Communications</i> , 2017 , 53, 9008-9011	5.8	55
370	Borylene: eine aufstrebende Verbindungsklasse. <i>Angewandte Chemie</i> , 2017 , 129, 10416-10426	3.6	52
369	Copper-catalyzed dehydrogenative borylation of terminal alkynes with pinacolborane. <i>Chemical Science</i> , 2017 , 8, 165-168	9.4	57
368	(CAAC)CuX-catalyzed hydroboration of terminal alkynes with pinacolborane directed by the X-ligand. <i>Journal of Organometallic Chemistry</i> , 2017 , 829, 11-13	2.3	35
367	Nucleophilic T-Shaped (LXL)Au(I)-Pincer Complexes: Protonation and Alkylation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15873-15876	16.4	50
366	Transition-Metal-like Behavior of Main Group Elements: Ligand Exchange at a Phosphinidene. <i>Journal of the American Chemical Society</i> , 2016 , 138, 15885-15888	16.4	87
365	NHC-CAAC Heterodimers with Three Stable Oxidation States. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12886-90	16.4	54

364	NHC-CAAC Heterodimers with Three Stable Oxidation States. <i>Angewandte Chemie</i> , 2016 , 128, 13078-13082	16.4	52
363	Synthesis of a Carbodicyclopropenylidene: A Carbodicarbene based Solely on Carbon. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5536-40	16.4	52
362	N-Heterocyclic Carbenes as Promotors for the Rearrangement of Phosphaketenes to Phosphaheteroallenes: A Case Study for OCP to OPC Constitutional Isomerism. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6018-22	16.4	60
361	Synthesis of Hemilabile Cyclic (Alkyl)(amino)carbenes (CAACs) and Applications in Organometallic Chemistry. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7884-7	16.4	83
360	Singlet (Phosphino)phosphinidenes are Electrophilic. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8356-9	16.4	118
359	A rhodium(I)-oxygen adduct as a selective catalyst for one-pot sequential alkyne dimerization-hydrothiolation tandem reactions. <i>Chemical Communications</i> , 2016 , 52, 3504-7	5.8	61
358	Isolation of Au-, Co-PCO and Cu-PCO complexes, conversion of an Ir-PCO complex into a dimetalladiphosphene, and an interaction-free PCO anion. <i>Chemical Science</i> , 2016 , 7, 2335-2341	9.4	101
357	Ancillary ligand-free copper catalysed hydrohydrazination of terminal alkynes with NH ₂ NH ₂ . <i>Chemical Communications</i> , 2016 , 52, 2733-5	5.8	17
356	Isolation of cationic and neutral (allenylidene)(carbene) and bis(allenylidene)gold complexes. <i>Chemical Science</i> , 2016 , 7, 150-154	9.4	28
355	Generalization of the Copper to Late-Transition-Metal Transmetalation to Carbenes beyond N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 9404-9	4.8	38
354	A Ruthenium Catalyst for Olefin Metathesis Featuring an Anti-Bredt N-Heterocyclic Carbene Ligand. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 965-969	5.6	7
353	N-Heterocyclic Carbenes as Promotors for the Rearrangement of Phosphaketenes to Phosphaheteroallenes: A Case Study for OCP to OPC Constitutional Isomerism. <i>Angewandte Chemie</i> , 2016 , 128, 6122-6126	3.6	43
352	Room temperature hydroamination of alkynes with anilines catalyzed by anti-Bredt di(amino)carbene gold(I) complexes. <i>New Journal of Chemistry</i> , 2016 , 40, 5993-5996	3.6	11
351	A Singlet Phosphinidene Stable at Room Temperature. <i>CheM</i> , 2016 , 1, 147-153	16.2	191
350	Catalyst-free dehydrocoupling of amines, alcohols, and thiols with pinacol borane and 9-borabicyclononane (9-BBN). <i>Chemical Communications</i> , 2016 , 52, 10563-5	5.8	90
349	Mesoionic Carbene-Gold(I) Catalyzed Bis-Hydrohydrazination of Alkynes with Parent Hydrazine. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2139-42	4.5	35
348	A simple access to transition metal cyclopropenylidene complexes. <i>Chemical Communications</i> , 2015 , 51, 4778-81	5.8	34
347	Cyclic alkyl amino carbene (CAAC) ruthenium complexes as remarkably active catalysts for ethenolysis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1919-23	16.4	139

346	Isolation of bis(copper) key intermediates in Cu-catalyzed azide-alkyne "click reaction". <i>Science Advances</i> , 2015 , 1, e1500304	14.3	148
345	Isolation of a Lewis base stabilized parent phosphonium (PH ₂ ⁺) and related species. <i>Chemical Communications</i> , 2015 , 51, 12732-12735	5.8	61
344	Air-Stable (CAAC)CuCl and (CAAC)CuBH ₄ Complexes as Catalysts for the Hydrolytic Dehydrogenation of BH ₃ NH ₃ . <i>Angewandte Chemie</i> , 2015 , 127, 6106-6109	3.6	35
343	The Janus Face of the X Ligand in the Copper-Catalyzed Azide-Alkyne Cycloaddition. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15696-8	16.4	56
342	Reactivity of a stable phosphinonitrene towards small molecules. <i>Chemistry - A European Journal</i> , 2015 , 21, 191-8	4.8	18
341	Cyclic (alkyl)(amino)carbenes (CAACs): stable carbenes on the rise. <i>Accounts of Chemical Research</i> , 2015 , 48, 256-66	24.3	612
340	Oxidative addition at a carbene center: synthesis of an iminoboryl-CAAC adduct. <i>Chemistry - A European Journal</i> , 2015 , 21, 199-204	4.8	32
339	Copper(I) Complexes Bearing Carbenes Beyond Classical N-Heterocyclic Carbenes: Synthesis and Catalytic Activity in Click Chemistry. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3155-3161	5.6	55
338	Cyclic (Amino)(aryl)carbenes (CAArCs) as Strong σ -Donating and π -Accepting Ligands for Transition Metals. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14915-9	16.4	104
337	Crystalline Cyclic (Alkyl)(amino)carbene-tetrafluoropyridyl Radical. <i>Chemistry - A European Journal</i> , 2015 , 21, 8441-6	4.8	59
336	Cyclic (Amino)(aryl)carbenes (CAArCs) as Strong σ -Donating and π -Accepting Ligands for Transition Metals. <i>Angewandte Chemie</i> , 2015 , 127, 15128-15132	3.6	44
335	Air-persistent monomeric (amino)(carboxy) radicals derived from cyclic (alkyl)(amino) carbenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7519-25	16.4	76
334	Air-Stable (CAAC)CuCl and (CAAC)CuBH ₄ Complexes as Catalysts for the Hydrolytic Dehydrogenation of BH ₃ NH ₃ . <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6008-11	16.4	82
333	Cyclic Alkyl Amino Carbene (CAAC) Ruthenium Complexes as Remarkably Active Catalysts for Ethenolysis. <i>Angewandte Chemie</i> , 2015 , 127, 1939-1943	3.6	38
332	Isolation of a potassium bis(1,2,3-triazol-5-ylidene)carbazolide: a stabilizing pincer ligand for reactive late transition metal complexes. <i>Chemical Communications</i> , 2014 , 50, 2431-3	5.8	81
331	Comparative reactivity of different types of stable cyclic and acyclic mono- and diamino carbenes with simple organic substrates. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5023-30	16.4	92
330	Cross-coupling reactions between stable carbenes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6550-3	16.4	31
329	Coinage metals binding as main group elements: structure and bonding of the carbene complexes [TM(cAAC) ₂] and [TM(cAAC) ₂] ⁺ (TM = Cu, Ag, Au). <i>Journal of the American Chemical Society</i> , 2014 , 136, 17123-35	16.4	73

328	Singlet carbenes as mimics for transition metals: synthesis of an air stable organic mixed valence compound [M ₂ (C ₂) ₂ = cyclic(alkyl)(amino)carbene]. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 351-354	5.2	66
327	An efficient synthetic route to stable bis(carbene)borylenes [(L ₁)(L ₂)BH]. <i>Chemical Communications</i> , 2014 , 50, 7837-9	5.8	120
326	Synthesis and reactivity of a CAAC-aminoborylene adduct: a hetero-allene or an organoboron isoelectronic with singlet carbenes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13159-63	16.4	207
325	Isolation of neutral mononuclear copper complexes stabilized by two cyclic (alkyl)(amino)carbenes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6235-8	16.4	63
324	Gold-catalyzed hydroarylation of alkenes with dialkylanilines. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13594-7	16.4	112
323	Isolation of bridging and terminal coinage metal-nitrene complexes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3800-2	16.4	44
322	Two-coordinate Fe ^I and Co ^I complexes supported by cyclic (alkyl)(amino)carbenes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8427-31	16.4	101
321	Synthesis and Reactivity of a CAAC-Aminoborylene Adduct: A Hetero-Allene or an Organoboron Isoelectronic with Singlet Carbenes. <i>Angewandte Chemie</i> , 2014 , 126, 13375-13379	3.6	102
320	Cross-Coupling Reactions between Stable Carbenes. <i>Angewandte Chemie</i> , 2014 , 126, 6668-6671	3.6	13
319	One-, two-, and three-electron reduction of a cyclic alkyl(amino)carbene-SbCl ₃ adduct. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8176-9	16.4	98
318	Trinuclear Gold Clusters Supported by Cyclic (alkyl)(amino)carbene Ligands: Mimics for Gold Heterogeneous Catalysts. <i>Angewandte Chemie</i> , 2014 , 126, 9205-9209	3.6	16
317	Ein-, Zwei- und Drei-Elektronen-Reduktion eines CAAC-SbCl ₃ - Addukts. <i>Angewandte Chemie</i> , 2014 , 126, 8315-8318	3.6	46
316	Two-Coordinate Fe ⁰ and Co ⁰ Complexes Supported by Cyclic (alkyl)(amino)carbenes. <i>Angewandte Chemie</i> , 2014 , 126, 8567-8571	3.6	28
315	Trinuclear gold clusters supported by cyclic (alkyl)(amino)carbene ligands: mimics for gold heterogeneous catalysts. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9059-63	16.4	58
314	Isolation of neutral mono- and dinuclear gold complexes of cyclic (alkyl)(amino)carbenes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8964-7	16.4	110
313	Bottleable (amino)(carboxy) radicals derived from cyclic (alkyl)(amino) carbenes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18766-9	16.4	95
312	Crystalline, Lewis base-free, cationic phosphoranimes (iminophosphonium salts). <i>Journal of the American Chemical Society</i> , 2013 , 135, 14071-3	16.4	34
311	σ and η-hydride abstraction in Gold(I) alkyl complexes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11388-91	16.4	35

310	Experimental and computational studies of anti-Bredt amidinium salts. <i>Chemistry - A European Journal</i> , 2013 , 19, 14895-901	4.8	12
309	Synthesis and characterization of a pyrazolium bearing N-heterocyclic carbene-palladium(II) complex. <i>Journal of Organometallic Chemistry</i> , 2013 , 724, 251-254	2.3	1
308	Gold-vermittelte Cyclisierung: ob sechsgliedriges mesoionisches Carben oder acyclischer (Aryl)(heteroaryl)-Carbenkomplex entscheidend ist die Oxidationsstufe. <i>Angewandte Chemie</i> , 2013 , 125, 787-790	3.6	19
307	Gold(III)- versus gold(I)-induced cyclization: synthesis of six-membered mesoionic carbene and acyclic (aryl)(heteroaryl) carbene complexes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 758-61	16.4	47
306	³¹ P NMR Chemical Shifts of Carbene-Phosphinidene Adducts as an Indicator of the σ -Accepting Properties of Carbenes. <i>Angewandte Chemie</i> , 2013 , 125, 3011-3015	3.6	159
305	³¹ P NMR chemical shifts of carbene-phosphinidene adducts as an indicator of the σ -accepting properties of carbenes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2939-43	16.4	387
304	Anti-Bredt N-heterocyclic carbene: an efficient ligand for the gold(I)-catalyzed hydroamination of terminal alkynes with parent hydrazine. <i>Chemical Communications</i> , 2013 , 49, 4483-5	5.8	62
303	Exploring the reactivity of white phosphorus with electrophilic carbenes: synthesis of a P ₄ cage and P ₈ clusters. <i>Chemical Communications</i> , 2013 , 49, 4486-8	5.8	71
302	Carbene-Stabilized Main Group Radicals and Radical Ions. <i>Chemical Science</i> , 2013 , 4, 3020-3030	9.4	370
301	Deprotonation of a borohydride: synthesis of a carbene-stabilized boryl anion. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7590-2	16.4	111
300	An air-stable oxyallyl radical cation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7014-7	16.4	57
299	Isolierung neutraler mono- und dinuklearer Goldkomplexe von cyclischen Alkyl(amino)carbenen. <i>Angewandte Chemie</i> , 2013 , 125, 9134-9137	3.6	48
298	Ein luftstabiles Oxyallyl-Radikalkation. <i>Angewandte Chemie</i> , 2013 , 125, 7152-7155	3.6	20
297	Deprotonierung eines Borhydrids und Synthese eines Carben-stabilisierten Borylanions. <i>Angewandte Chemie</i> , 2013 , 125, 7739-7742	3.6	60
296	σ -Bond σ -Hydridabstraktion in Gold(I)-alkylkomplexen. <i>Angewandte Chemie</i> , 2013 , 125, 11599-11602	3.6	20
295	Anionic 1,2,3-triazole-4,5-diylidene: a 1,2-dihapto ligand for the construction of bimetallic complexes. <i>Chemistry - A European Journal</i> , 2012 , 18, 14627-31	4.8	28
294	C-F bond activation with an apparently benign ethynyl dithiocarbamate, and subsequent fluoride transfer reactions. <i>Chemistry - A European Journal</i> , 2012 , 18, 12955-7	4.8	20
293	A crystalline singlet phosphinonitrene: a nitrogen atom-transfer agent. <i>Science</i> , 2012 , 337, 1526-8	33.3	109

292	Ynamides: stable ligand equivalents of unstable oxazol-4-ylidenes (novel mesoionic carbenes). <i>Chemical Communications</i> , 2012 , 48, 7088-90	5.8	30
291	A Cyclic Diaminocarbene with a Pyramidalized Nitrogen Atom: A Stable N-Heterocyclic Carbene with Enhanced Electrophilicity. <i>Angewandte Chemie</i> , 2012 , 124, 6276-6279	3.6	37
290	A cyclic diaminocarbene with a pyramidalized nitrogen atom: a stable N-heterocyclic carbene with enhanced electrophilicity. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6172-5	16.4	108
289	Borylene complexes (BH)L ₂ and nitrogen cation complexes (N ⁺)L ₂ : isoelectronic homologues of carbenes CL ₂ . <i>Chemistry - A European Journal</i> , 2012 , 18, 5676-92	4.8	114
288	Organometallics Roundtable 2011. <i>Organometallics</i> , 2012 , 31, 1-18	3.8	42
287	Mesoionic thiazol-5-ylidenes as ligands for transition metal complexes. <i>Chemical Communications</i> , 2011 , 47, 10614-6	5.8	36
286	A persistent (amino)(ferrocenyl)carbene(). <i>New Journal of Chemistry</i> , 2011 , 35, 2037-2042	3.6	13
285	N-Heterocyclic carbenes versus transition metals for stabilizing phosphinyl radicals. <i>Chemical Science</i> , 2011 , 2, 858	9.4	94
284	Stable singlet carbenes as mimics for transition metal centers. <i>Chemical Science</i> , 2011 , 2, 389-399	9.4	511
283	Synthesis and characterization of a neutral tricoordinate organoboron isoelectronic with amines. <i>Science</i> , 2011 , 333, 610-3	33.3	440
282	Bis(1,2,3-triazol-5-ylidenes) (i-bitz) as Stable 1,4-Bidentate Ligands Based on Mesoionic Carbenes (MICs). <i>Organometallics</i> , 2011 , 30, 6017-6021	3.8	101
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270	Cover Picture: Bond Activation with an Apparently Benign Ethynyl Dithiocarbamate $\text{Ar}^?C^?C^?S^?C(S)NR_2$ (Angew. Chem. Int. Ed. 42/2011). <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9759-9759	16.4	
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13	Synthesis and structure of the first cyclodiphosphazene. Dimerization of a phosphonitrile :P.tplbond.N. <i>Journal of the American Chemical Society</i> , 1984 , 106, 6088-6089	16.4	65
12	Reactions of phosphorus electrophiles with [(eta.5-C5Me5)Fe(CO)2]-; spectroscopic evidence for a phosphinidene complex. <i>Inorganic Chemistry</i> , 1984 , 23, 3431-3433	5.1	32
11	Stannylyene and gerymylene as powerful dechlorinated reagents. New route to diphosphene.. <i>Tetrahedron Letters</i> , 1983 , 24, 4219-4222	2	14
10	An improved synthesis of key intermediates in metallole Group IVB chemistry. <i>Organometallics</i> , 1983 , 2, 391-394	3.8	23
9	A new route to bis(2,4,6-tri-tert-butylphenyl)diphosphene via silylated compound. <i>Tetrahedron Letters</i> , 1982 , 23, 3567-3570	2	45
8	Photolytic rearrangement of germanium azides. Evidence for transient germa-imines. <i>Tetrahedron Letters</i> , 1981 , 22, 2553-2556	2	11
7	Isomerisations thermiques originales de composés Echlors du silicium induites par un groupe E-ethylenique. <i>Journal of Organometallic Chemistry</i> , 1981 , 212, 311-323	2.3	6
6	Photolytic rearrangement of phosphorus azide : evidence for a transient metaphosphonimidate.. <i>Tetrahedron Letters</i> , 1980 , 21, 5015-5018	2	20
5	Theoretical investigations on some C2SiH4 isomers. <i>Journal of the American Chemical Society</i> , 1979 , 101, 3785-3789	16.4	53

4	Synthese et rearrangements de cycles Ffonctionnels du germanium: oxa-6 diphenyl-2,2 germa-2 bicyclo[3.1.0] hexane et diphenyl-1,1 germa-1 cyclopentanol-2. etude comparative avec les derives isologues du silicium. <i>Journal of Organometallic Chemistry</i> , 1978 , 146, 7-16	2.3	13
3	Syntheses et rearrangements thermiques de sila-1 et sila-2 dichloro-6,6 bicyclo[3.1.0]hexanes. <i>Journal of Organometallic Chemistry</i> , 1978 , 144, 303-315	2.3	9
2	A Career in Catalysis: Jean-Marie M. Basset. <i>ACS Catalysis</i> ,4961-4977	13.1	0
1	(CAAC)Copper Catalysis Enables Regioselective Three-Component Carboboration of Terminal Alkynes. <i>ACS Catalysis</i> ,7243-7247	13.1	5