Laurel L Schafer

List of Publications by Year
in descending order

143 papers	5,888 citations	66343 42 h-index	91884 69 g-index
175 all docs	175 docs citations	175 times ranked	3167 citing authors

#	Article	IF	Citations
1	Câ€“H activation. Nature Reviews Methods Primers, 2021, 1, .	21.2	277
2	Chiral Neutral Zirconium Amidate Complexes for the Asymmetric Hydroamination of Alkenes. Angewandte Chemie - International Edition, 2006, 46, 354-358.	13.8	264
3	Intramolecular Hydroamination of Unactived Olefins with Ti(NMe2)4as a Precatalyst. Organic Letters, 2005, 7, 1959-1962.	4.6	195
4	Selective Câˆ'H Activation Î± to Primary Amines. Bridging Metallaaziridines for Catalytic, Intramolecular Î±-Alkylation. Journal of the American Chemical Society, 2009, 131, 2116-2118.	13.7	172
5	Scandium-Catalyzed Intramolecular Hydroamination. Development of a Highly Active Cationic Catalyst. Organometallics, 2004, 23, 2234-2237.	2.3	165
6	Broadening the Scope of Group 4 Hydroamination Catalysis Using a Tethered Ureate Ligand. Journal of the American Chemical Society, 2009, 131, 18246-18247.	13.7	156
7	Tantalumâ€“Amidate Complexes for the Hydroaminoalkylation of Secondary Amines: Enhanced Substrate Scope and Enantioselective Chiral Amine Synthesis. Angewandte Chemie - International Edition, 2009, 48, 8361-8365.	13.8	152
8	Anti-Markovnikov Intermolecular Hydroamination:â€‰ A Bis(amidate) Titanium Precatalyst for the Preparation of Reactive Aldimines. Organic Letters, 2003, 5, 4733-4736.	4.6	147
9	A Pentagonal Pyramidal Zirconium Imido Complex for Catalytic Hydroamination of Unactivated Alkenes. Organometallics, 2006, 25, 4069-4071.	2.3	147
10	Amidate complexes of titanium and zirconium: a new class of tunable precatalysts for the hydroamination of alkynesElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b3/b304176j/. Chemical Communications, 2003, , 2462.	4.1	126
11	Titanium catalysis for the synthesis of fine chemicals â€“ development and trends. Chemical Society Reviews, 2020, 49, 6947-6994.	38.1	115
12	Hydroaminoalkylation: Early-Transition-Metal-Catalyzed Î±-Alkylation of Amines. Synthesis, 2014, 46, 2884-2896.	2.3	107
13	An Easy-To-Use, Regioselective, and Robust Bis(amidate) Titanium Hydroamination Precatalyst: Mechanistic and Synthetic Investigations toward the Preparation of Tetrahydroisoquinolines and Benzoquinolizine Alkaloids. Chemistry - A European Journal, 2007, 13, 2012-2022.	3.3	106
14	<i>N</i>,<i>O</i>-Chelating Four-Membered Metallacyclic Titanium(IV) Complexes for Atom-Economic Catalytic Reactions. Accounts of Chemical Research, 2015, 48, 2576-2586.	15.6	106
15	Phosphoramidate Tantalum Complexes for Roomâ€Temperature Cï£¿H Functionalization: Hydroaminoalkylation Catalysis. Angewandte Chemie - International Edition, 2013, 52, 9144-9148.	13.8	96
16	Redundant CAMTA Transcription Factors Negatively Regulate the Biosynthesis of Salicylic Acid and N-Hydroxypipecolic Acid by Modulating the Expression of SARD1 and CBP60g. Molecular Plant, 2020, 13, 144-156.	8.3	88
17	Early transition metal-catalyzed Câ€“H alkylation: hydroaminoalkylation for C_{sp3}â€“C_{sp3} bond formation in the synthesis of selectively substituted amines. Chemical Communications, 2018, 54, 12543-12560.	4.1	87
18	Mechanistic Elucidation of Intramolecular Aminoalkene Hydroamination Catalyzed by a Tethered Bis(ureate) Complex: Evidence for Proton-Assisted Câ€“N Bond Formation at Zirconium. Journal of the American Chemical Society, 2011, 133, 15453-15463.	13.7	84

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19	Efficient Antiâ€Markovnikovâ€Selective Catalysts for Intermolecular Alkyne Hydroamination: Recent Advances and Synthetic Applications. European Journal of Organic Chemistry, 2014, 2014, 6825-6840.	2.4	84
20	Catalytic Asymmetric Synthesis of Substituted Morpholines and Piperazines. Angewandte Chemie - International Edition, 2012, 51, 12219-12223.	13.8	76
21	Bis- and Mono(amidate) Complexes of Yttrium: Synthesis, Characterization, and Use as Precatalysts for the Hydroamination of Aminoalkenes. Organometallics, 2009, 28, 3990-3998.	2.3	74
22	Bis(amidate)bis(amido) Titanium Complex: A Regioselective Intermolecular Alkyne Hydroamination Catalyst. Journal of Organic Chemistry, 2014, 79, 2015-2028.	3.2	70
23	Tantalum Catalyzed Hydroaminoalkylation for the Synthesis of Î±- and Î²-Substituted <i>N</i>-Heterocycles. Organic Letters, 2013, 15, 2182-2185.	4.6	67
24	Catalytic synthesis of amines and N-containing heterocycles: Amidate complexes for selective Câ€“N and Câ€“C bond-forming reactions. Pure and Applied Chemistry, 2010, 82, 1503-1515.	1.9	65
25	2-Pyridonate Tantalum Complexes for the Intermolecular Hydroaminoalkylation of Sterically Demanding Alkenes. Journal of the American Chemical Society, 2014, 136, 10898-10901.	13.7	65
26	Bis(amidate) titanium precatalyst for the intermolecular hydroamination of allenes. Inorganica Chimica Acta, 2006, 359, 3097-3102.	2.4	64
27	Capturing HBCy₂: Using N,Oâ€Chelated Complexes of Rhodium(I) and Iridium(I) for Chemoselective Hydroboration. Angewandte Chemie - International Edition, 2016, 55, 3181-3186.	13.8	63
28	Efficient Diastereoselective Syntheses of Chiral Macrocycles via Zirconocene Coupling. Synthetic Control of Size and Geometry. Journal of the American Chemical Society, 2001, 123, 2683-2684.	13.7	60
29	Isolation of Catalytic Intermediates in Hydroamination Reactions: Insertion of Internal Alkynes into a Zirconiumâ€“Amido Bond. Angewandte Chemie - International Edition, 2010, 49, 6382-6386.	13.8	60
30	Diamido-Ether Actinide Complexes as Catalysts for the Intramolecular Hydroamination of Aminoalkenes. Organometallics, 2012, 31, 6732-6740.	2.3	60
31	Titanium pyridonates and amidates: novel catalysts for the synthesis of random copolymers. Chemical Communications, 2013, 49, 57-59.	4.1	59
32	Enhanced Reactivity Results in Reduced Catalytic Performance:â€‰ Unexpected Ligand Reactivity of a Bis(<i>N</i>-2,6-diisopropylphenylperflourophenyl-amidate)titanium-bis(diethylamido) Hydroamination Precatalyst. Organometallics, 2007, 26, 6366-6372.	2.3	57
33	2-Pyridonate Titanium Complexes for Chemoselectivity. Accessing Intramolecular Hydroaminoalkylation over Hydroamination. Organic Letters, 2013, 15, 6002-6005.	4.6	56
34	Rare-Earth Amidate Complexes. Easily Accessed Initiators For Îµ-Caprolactone Ring-Opening Polymerization. Inorganic Chemistry, 2008, 47, 8062-8068.	4.0	55
35	Thermorheological properties of poly (Îµâ€caprolactone)/polylactide blends. Polymer Engineering and Science, 2012, 52, 2348-2359.	3.1	55
36	Structure, Bonding, and Reactivity of Ti and Zr Amidate Complexes:â€‰ DFT and X-Ray Crystallographic Studies. Inorganic Chemistry, 2005, 44, 8680-8689.	4.0	53

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37	Modular N , O â€Chelating Ligands: Groupâ€4 Amidate Complexes for Catalytic Hydroamination. European Journal of Inorganic Chemistry, 2007, 2007, 2245-2255.	2.0	53
38	Zirconium bis(pyridonate): a modified amidate complex for enhanced substrate scope in aminoalkene cyclohydroamination. Dalton Transactions, 2010, 39, 361-363.	3.3	53
39	Zirconium catalyzed alkyne dimerization for selective Z-enyne synthesis. Chemical Communications, 2012, 48, 10609.	4.1	53
40	Zirconocene-Mediated, High-Yielding Macrocyclizations of Silyl-Terminated Diynes. Chemistry - A European Journal, 2002, 8, 74-83.	3.3	49
41	2-Aminopyridinate Titanium Complexes for the Catalytic Hydroamination of Primary Aminoalkenes. Organometallics, 2013, 32, 1858-1865.	2.3	46
42	Group 4 Bis(pyrimidinoxide) Complexes. Investigations of Electronic Effects in Catalytic Hydroamination. Organometallics, 2006, 25, 5249-5254.	2.3	45
43	1,3-N,O-Complexes of late transition metals. Ligands with flexible bonding modes and reaction profiles. Chemical Society Reviews, 2017, 46, 2913-2940.	38.1	44
44	Viscoelastic behaviour and flow instabilities of biodegradable poly (Îµ-caprolactone) polyesters. Rheologica Acta, 2012, 51, 179-192.	2.4	43
45	TaMe₃Cl₂â€Catalyzed Intermolecular Hydroaminoalkylation: A Simple Complex for Enhanced Reactivity and Expanded Substrate Scope. Chemistry - A European Journal, 2013, 19, 8751-8754.	3.3	42
46	Amidate ligand design effects in zirconium-catalyzed enantioselective hydroamination of aminoalkenes. Journal of Organometallic Chemistry, 2011, 696, 50-60.	1.8	40
47	An Editorial About Elemental Analysis. Organometallics, 2016, 35, 3255-3256.	2.3	40
48	Amidate Complexes of Tantalum and Niobium for the Hydroaminoalkylation of Unactivated Alkenes. ACS Catalysis, 2017, 7, 5921-5931.	11.2	40
49	Understanding Ni(II)-Mediated C(sp³)â€"H Activation: Tertiary Ureas as Model Substrates. Journal of the American Chemical Society, 2018, 140, 12602-12610.	13.7	40
50	Catalytic and Atomâ€Economic Câ"C Bond Formation: Alkylâ€‰Tantalum Ureates for Hydroaminoalkylation. Angewandte Chemie - International Edition, 2018, 57, 3469-3472.	13.8	38
51	<i>N</i>-Silylenamines as Reactive Intermediates: Hydroamination for the Modular Synthesis of Selectively Substituted Pyridines. Organic Letters, 2018, 20, 6663-6667.	4.6	38
52	Tantallaaziridines: from synthesis to catalytic applications. Dalton Transactions, 2012, 41, 11539.	3.3	37
53	Titanium pyridonates for the homo- and copolymerization of rac-lactide and Îµ-caprolactone. Dalton Transactions, 2015, 44, 12411-12419.	3.3	36
54	Ligand Effects and Kinetic Investigations of Sterically Accessible 2-Pyridonate Tantalum Complexes for Hydroaminoalkylation. ACS Catalysis, 2017, 7, 6323-6330.	11.2	36

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55	Regio- and Stereoselective Hydroamination of Alkynes Using an Ammonia Surrogate: Synthesis of <i>N</i>-Silylenamines as Reactive Synthons. Journal of the American Chemical Society, 2018, 140, 4973-4976.	13.7	36
56	Zirconium Hydroaminoalkylation. An Alternative Disconnection for the Catalytic Synthesis of Î±-Arylated Primary Amines. Journal of the American Chemical Society, 2019, 141, 18944-18948.	13.7	36
57	Oxidation State Dependent Coordination Modes: Accessing an Amidateâ€Supported Nickel(I) Î´â€bis(Câ^'H) Agostic Complex. Angewandte Chemie - International Edition, 2016, 55, 13290-13295.	13.8	34
58	Yttrium (amidate) complexes for catalytic Câ€"N bond formation. Rapid, room temperature amidation of aldehydes. Dalton Transactions, 2012, 41, 7897.	3.3	32
59	Planarâ€Chiral [2.2]Paracyclophaneâ€Based Amides as Proligands for Titaniumâ€•and Zirconiumâ€Catalyzed Hydroamination. European Journal of Organic Chemistry, 2017, 2017, 1760-1764.	2.4	32
60	<i>In Situ</i> Generation of a Regio- and Diastereoselective Hydroaminoalkylation Catalyst Using Commercially Available Starting Materials. Organic Letters, 2017, 19, 5720-5723.	4.6	32
61	Intermolecular hydroamination of oxygen-substituted allenes. New routes for the synthesis of N,O-chelated zirconium and titanium amido complexes. Dalton Transactions, 2011, 40, 7769.	3.3	31
62	Toward anti-Markovnikov 1-Alkyne O-Phosphoramidation: Exploiting Metalâ€"Ligand Cooperativity in a 1,3-N,O-Chelated Cp*Ir(III) Complex. Journal of the American Chemical Society, 2016, 138, 8396-8399.	13.7	31
63	Zirconium-Catalyzed Hydroaminoalkylation of Alkynes for the Synthesis of Allylic Amines. Journal of the American Chemical Society, 2020, 142, 20566-20571.	13.7	31
64	N,Oâ€Chelates of Group 4 Metals: Contrasting the Use of Amidates and Ureates in the Synthesis of Metal Dichlorides. European Journal of Inorganic Chemistry, 2009, 2009, 2691-2701.	2.0	30
65	Disproportionation Reactions of an Organometallic Ni(I) Amidate Complex: Scope and Mechanistic Investigations. Organometallics, 2018, 37, 1392-1399.	2.3	30
66	Synthesis, Structure, and Insertion Reactivity of Zirconium and Hafnium Amidate Benzyl Complexes. Organometallics, 2010, 29, 3546-3555.	2.3	28
67	Cyclic Ureate Tantalum Catalyst for Preferential Hydroaminoalkylation with Aliphatic Amines: Mechanistic Insights into Substrate Controlled Reactivity. Journal of the American Chemical Society, 2020, 142, 15740-15750.	13.7	28
68	Catalytic Asymmetric Synthesis of Morpholines. Using Mechanistic Insights To Realize the Enantioselective Synthesis of Piperazines. Journal of Organic Chemistry, 2016, 81, 8696-8709.	3.2	27
69	Hydroaminoalkylation for the Catalytic Addition of Amines to Alkenes or Alkynes: Diverse Mechanisms Enable Diverse Substrate Scope. Journal of the American Chemical Society, 2022, 144, 11459-11481.	13.7	27
70	Intramolecular hydroamination catalysis using trans-N,Nâ€²-dibenzylcyclam zirconium complexes. Journal of Organometallic Chemistry, 2011, 696, 2-6.	1.8	26
71	Synthesis, structure, and reactivity of tris(amidate) mono(amido) and tetrakis(amidate) complexes of group 4 transition metals. Dalton Transactions, 2013, 42, 15670.	3.3	26
72	Easily assembled, modular N,O-chelating ligands for Ta(V) complexation: a comparative study of ligand effects in hydroaminoalkylation with N-methylaniline and 4-methoxy-N-methylaniline. Tetrahedron, 2013, 69, 5737-5743.	1.9	26

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73	Reactivity of an Unsaturated Iridium(III) Phosphoramidate Complex, [Cp*Ir{Îº²-<i>N</i>,<i>O</i>}][BAr^F₄]. Organometallics, 2015, 34, 3849-3856.	2.3	26
74	Direct, Catalytic Î±-Alkylation of <i>N</i>-Heterocycles by Hydroaminoalkylation: Substrate Effects for Regiodivergent Product Formation. Journal of the American Chemical Society, 2021, 143, 11243-11250.	13.7	26
75	Zirconium Alkyl Complexes Supported by Ureate Ligands: Synthesis, Characterization, and Precursors to Metalâˆ'Element Multiple Bonds. Organometallics, 2010, 29, 5162-5172.	2.3	25
76	Ta-Catalyzed Hydroaminoalkylation of Alkenes: Insights into Ligand-Modified Reactivity Using DFT. Organometallics, 2018, 37, 4387-4394.	2.3	24
77	Earth abundant element compounds in homogeneous catalysis. Dalton Transactions, 2015, 44, 12027-12028.	3.3	23
78	Facile Synthesis and Isolation of Secondary Amines <i>via</i> a Sequential Titanium(IV)â€Catalyzed Hydroamination and Palladiumâ€Catalyzed Hydrogenation. Advanced Synthesis and Catalysis, 2016, 358, 713-718.	4.3	23
79	Phosphoramidateâ€Supported Cp*Ir^{III} Aminoborane H₂B=NR₂ Complexes: Synthesis, Structure, and Solution Dynamics. Chemistry - A European Journal, 2016, 22, 6793-6797.	3.3	22
80	Catalytic Synthesis of Secondary Amine-Containing Polymers: Variable Hydrogen Bonding for Tunable Rheological Properties. Macromolecules, 2016, 49, 4423-4430.	4.8	22
81	Highly Active and Diastereoselective <i>N,O</i>â€•and <i>N,N</i>â€Yttrium Complexes for Intramolecular Hydroamination. Advanced Synthesis and Catalysis, 2011, 353, 1384-1390.	4.3	20
82	A Process for Developing Introductory Science Laboratory Learning Goals To Enhance Student Learning and Instructional Alignment. Journal of Chemical Education, 2013, 90, 1144-1150.	2.3	20
83	Oxygenextrusion from amidate ligands to generate terminal Taî€O units under reducing conditions. How to successfully use amidate ligands in dinitrogen coordination chemistry. Dalton Transactions, 2012, 41, 1609-1616.	3.3	19
84	Exploiting Natural Complexity: Synthetic Terpenoidâ€Alkaloids by Regioselective and Diastereoselective Hydroaminoalkylation Catalysis. ChemCatChem, 2019, 11, 3871-3876.	3.7	19
85	Synthesis, characterization, and reactivity of the first hafnium alkyl complex stabilized by amidate ligands. Canadian Journal of Chemistry, 2005, 83, 1037-1042.	1.1	18
86	Amidate-Ligated Complexes of Rhodium(I): A Showcase of Coordination Flexibility. Organometallics, 2015, 34, 1783-1786.	2.3	18
87	Tethered Bis(amidate) and Bis(ureate) Supported Zirconium Precatalysts for the Intramolecular Hydroamination of Aminoalkenes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 128-135.	1.2	17
88	Planarâ€Chiral [2.2]Paracyclophaneâ€Based Pyridonates as Ligands for Tantalumâ€Catalyzed Hydroaminoalkylation. ChemCatChem, 2019, 11, 5264-5268.	3.7	17
89	Alkene hydroamination with a chiral zirconium catalyst. Connecting ligand design, precatalyst structure and reactivity trends. Inorganica Chimica Acta, 2014, 422, 14-20.	2.4	16
90	Accessing Î´-Bâ€“H Coordinated Complexes of Rh(I) and Ir(I) Using Mono- and Dihydroboranes: Cooperative Stabilization by a Phosphoramidate Coligand. Organometallics, 2017, 36, 331-341.	2.3	16

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91	Early Transition Metal-Catalyzed Hydroaminoalkylation. Trends in Chemistry, 2021, 3, 428-429.	8.5	16
92	Modular, efficient synthesis of asymmetrically substituted piperazine scaffolds as potent calcium channel blockers. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3257-3261.	2.2	15
93	Fourâ€Membered Heterometallacyclic d⁰ and d¹ Complexes of Groupâ€…4 Metallocenes with Amidato Ligands. Chemistry - A European Journal, 2014, 20, 7752-7758.	3.3	15
94	Tiâ€Catalyzed Hydroamination for the Synthesis of Amineâ€Containing Ï€â€Conjugated Materials. Chemistry - A European Journal, 2018, 24, 5562-5568.	3.3	15
95	Ureate Titanium Catalysts for Hydroaminoalkylation: Using Ligand Design to Increase Reactivity and Utility. ACS Catalysis, 2021, 11, 4550-4560.	11.2	15
96	Fluorine: A Very Special Element and Its Very Special Impacts on Chemistry. Journal of Organic Chemistry, 2021, 86, 16213-16219.	3.2	15
97	Facile Access to Tuneable Schwartzâ€™s Reagents: Oxidative Addition Products from the Reaction of Amide Nï£¿H Bonds with Reduced Zirconocene Complexes. Angewandte Chemie - International Edition, 2013, 52, 11415-11419.	13.8	14
98	Dynamics of partially miscible polylactide-poly(Îµ-caprolactone) blends in the presence of cold crystallization. Rheologica Acta, 2016, 55, 657-671.	2.4	14
99	Zirconium Catalyzed Hydroaminoalkylation for the Synthesis of Î±â€Arylated Amines and Nâ€Heterocycles. Chemistry - A European Journal, 2021, 27, 6334-6339.	3.3	14
100	Asymmetric hydroamination catalyzed by in situ generated chiral amidate and ureate complexes of zirconiumÂâ€" Probing the role of the tether in ligand design. Canadian Journal of Chemistry, 2011, 89, 1222-1229.	1.1	13
101	Bis(<i>tert</i>-butylimido)bis(<i>N,O</i>-chelate)tungsten(VI) Complexes: Probing Amidate and Pyridonate Hemilability. Inorganic Chemistry, 2017, 56, 5553-5566.	4.0	13
102	Catalytic and Atomâ€Economic Câˆ'C Bond Formation: Alkylâ€‰Tantalum Ureates for Hydroaminoalkylation. Angewandte Chemie, 2018, 130, 3527-3530.	2.0	13
103	Dynamic Cross-Linking of Catalytically Synthesized Poly(Aminonorbornenes). Macromolecules, 2020, 53, 2649-2661.	4.8	13
104	Catalytic Amine Functionalization and Polymerization of Cyclic Alkenes Creates Adhesive and Self-Healing Materials. ACS Applied Polymer Materials, 2021, 3, 2330-2335.	4.4	13
105	Mono, bis, and tris(phosphoramidate) titanium complexes: synthesis, structure, and reactivity investigations. Dalton Transactions, 2019, 48, 9782-9790.	3.3	12
106	Metalâ€"Ligand Cooperativity in Titanium-Catalyzed Anti-Markovnikov Hydroamination. ACS Catalysis, 2020, 10, 7100-7111.	11.2	12
107	Fluorine: A Very Special Element and Its Very Special Impacts on Chemistry. Inorganic Chemistry, 2021, 60, 17419-17425.	4.0	12
108	Isocyanate deinsertion from Îº¹-O amidates: facile access to perfluoroaryl rhodium(<scp>i</scp>) complexes. Dalton Transactions, 2015, 44, 19487-19493.	3.3	11

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109	Pyridonate-Supported Titanium(III). Benzylamine as an Easy-To-Use Reductant. Organometallics, 2015, 34, 4941-4945.	2.3	10
110	Vanadium Pyridonate Catalysts: Isolation of Intermediates in the Reductive Coupling of Alcohols. Inorganic Chemistry, 2020, 59, 5256-5260.	4.0	10
111	Capturing HBCy₂: Using N,Oâ€Chelated Complexes of Rhodium(I) and Iridium(I) for Chemoselective Hydroboration. Angewandte Chemie, 2016, 128, 3233-3238.	2.0	9
112	Titanium catalyzed synthesis of amines and N-heterocycles. Advances in Organometallic Chemistry, 2020, 74, 405-468.	1.0	9
113	Fluorine: A Very Special Element and Its Very Special Impacts on Chemistry. Organic Letters, 2021, 23, 9013-9019.	4.6	9
114	Phosphoramidate-Assisted Alkyne Activation: Probing the Mechanism of Proton Shuttling in a N,O-Chelated Cp*Ir(III) Complex. Organometallics, 2018, 37, 4630-4638.	2.3	8
115	Reversible Câ€"N Bond Formation in the Zirconium-Catalyzed Intermolecular Hydroamination of 2-Vinylpyridine. Organometallics, 2019, 38, 1011-1016.	2.3	8
116	Mechanistic insight into organic and industrial transformations: general discussion. Faraday Discussions, 2019, 220, 282-316.	3.2	8
117	Oxidation State Dependent Coordination Modes: Accessing an Amidateâ€Supported Nickel(I) Î´â€bis(Câˆ’H) Agostic Complex. Angewandte Chemie, 2016, 128, 13484-13489.	2.0	7
118	Dehydrogenation of cyclic amines by a coordinatively unsaturated Cp*Ir(iii) phosphoramidate complex. Dalton Transactions, 2017, 46, 8621-8625.	3.3	7
119	Intramolecular Rearrangements on Ultrafast Timescales:Â Femtosecond Infrared Studies of Ring Slip in (Î·1-C5Cl5)Mn(CO)5. Journal of the American Chemical Society, 2001, 123, 7425-7426.	13.7	6
120	Titanium amidate complexes as active catalysts for the synthesis of high molecular weight polyethylene. Canadian Journal of Chemistry, 2015, 93, 775-783.	1.1	6
121	Amine-Containing Monomers for Ring-Opening Metathesis Polymerization: Understanding Chelate Effects in Aryl- and Alkylamine-Functionalized Polyolefins. Macromolecules, 0, , .	4.8	6
122	A Sequential C-N, C-C Bond-Forming Reaction: Direct Synthesis of Î±-Amino Acids from Terminal Alkynes. Synlett, 2006, 2006, 2973-2976.	1.8	5
123	The Direct Synthesis of Unsymmetrical Vicinal Diamines from Terminal Alkynes: A Tandem Sequential Approach for the Synthesis of Imidazolidinones. Synthesis, 2009, 2009, 97-104.	2.3	5
124	Direct metalâ€"carbon bonding in symmetric bis(Câ€"H) agostic nickel(<scp>i</scp>) complexes. Chemical Science, 2021, 12, 15298-15307.	7.4	5
125	C(sp3)-H Bond Activation Induced by Monohydroborane Coordination at an Iridium(III)-Phosphoramidate Complex. European Journal of Inorganic Chemistry, 2017, 2017, 2639-2642.	2.0	4
126	Organometallic Complexes of Electrophilic Elements for Selective Synthesis. Organometallics, 2018, 37, 4311-4312.	2.3	4

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127	Using Catalysts To Make Catalysts: Titanium-Catalyzed Hydroamination To Access <i>P,N</i>-Ligands for Assembling Catalysts in One Pot. Organic Letters, 2021, 23, 1974-1979.	4.6	4
128	Commodity Polymers to Functional Aminated Materials: Single-Step and Atom-Economic Synthesis by Hydroaminoalkylation. ACS Macro Letters, 2021, 10, 1266-1272.	4.8	4
129	PCB cleanup using an oxygen/fuel-fired mobile incinerator. Environmental Progress, 1994, 13, 188-191.	0.7	3
130	Computational and theoretical approaches for mechanistic understanding: general discussion. Faraday Discussions, 2019, 220, 464-488.	3.2	3
131	Reversible Câ€“H Activation in Zirconaaziridine Species: Characterization and Bonding of a Bridging (Amino)alkylidene Complex Active in Alkyne Hydroaminoalkylation. Organometallics, 0, , .	2.3	3
132	Guanidinate Early-Transition-Metal Complexes: Efficient and Selective Hydroaminoalkylation of Alkenes. Organometallics, 2022, 41, 1816-1822.	2.3	3
133	Organometallicsâ€"A Foundation for Catalysis Research. Organometallics, 2017, 36, 2053-2053.	2.3	2
134	Fluorine: A Very Special Element and Its Very Special Impacts on Chemistry. Organometallics, 0, , .	2.3	2
135	Titanium-Catalyzed Hydroamination of an Organometallic Acetylide to Access Copper Enamides. Organometallics, 2021, 40, 3235-3239.	2.3	1
136	Amidate Complexes of Titanium and Zirconium: A New Class of Tunable Precatalysts for the Hydroamination of Alkynes.. ChemInform, 2004, 35, no.	0.0	0
137	Anti-Markovnikov Intermolecular Hydroamination: A Bis(amidate) Titanium Precatalyst for the Preparation of Reactive Aldimines.. ChemInform, 2004, 35, no.	0.0	0
138	Scandium-Catalyzed Intramolecular Hydroamination. Development of a Highly Active Cationic Catalyst.. ChemInform, 2004, 35, no.	0.0	0
139	Intramolecular Hydroamination of Unactived Olefins with Ti(NMe2)4 as a Precatalyst.. ChemInform, 2005, 36, no.	0.0	0
140	Biodegradable polymers: Wall slip, melt fracture, and processing aids. AIP Conference Proceedings, 2015, , .	0.4	0
141	C(sp3)-H Bond Activation Induced by Monohydroborane Coordination at an Iridium(III)-Phosphoramidate Complex. European Journal of Inorganic Chemistry, 2017, 2017, 2638-2638.	2.0	0
142	Physical methods for mechanistic understanding: general discussion. Faraday Discussions, 2019, 220, 144-178.	3.2	0
143	Missing out on talent. C&EN Global Enterprise, 2020, 98, 2-2.	0.0	0