

# Amir H Hoveyda

## List of Publications by Year in descending order

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297  
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36,612  
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1299

109  
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4223

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381  
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381  
docs citations

381  
times ranked

11574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient and Recyclable Monomeric and Dendritic Ru-Based Metathesis Catalysts. <i>Journal of the American Chemical Society</i> , 2000, 122, 8168-8179.	6.6	1,915
2	Substrate-directable chemical reactions. <i>Chemical Reviews</i> , 1993, 93, 1307-1370.	23.0	1,413
3	Molybdenum and Tungsten Imido Alkylidene Complexes as Efficient Olefin-Metathesis Catalysts. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4592-4633.	7.2	1,100
4	A Recyclable Ru-Based Metathesis Catalyst. <i>Journal of the American Chemical Society</i> , 1999, 121, 791-799.	6.6	911
5	The remarkable metal-catalysed olefin metathesis reaction. <i>Nature</i> , 2007, 450, 243-251.	13.7	891
6	Samarium-catalyzed intramolecular Tishchenko reduction of .beta.-hydroxy ketones. A stereoselective approach to the synthesis of differentiated anti 1,3-diol monoesters. <i>Journal of the American Chemical Society</i> , 1990, 112, 6447-6449.	6.6	414
7	A Recyclable Chiral Ru Catalyst for Enantioselective Olefin Metathesis. Efficient Catalytic Asymmetric Ring-Opening/Cross Metathesis in Air. <i>Journal of the American Chemical Society</i> , 2002, 124, 4954-4955.	6.6	404
8	Catalytic Z-selective olefin cross-metathesis for natural product synthesis. <i>Nature</i> , 2011, 471, 461-466.	13.7	359
9	A Readily Available Chiral Ag-Based N-Heterocyclic Carbene Complex for Use in Efficient and Highly Enantioselective Ru-Catalyzed Olefin Metathesis and Cu-Catalyzed Allylic Alkylation Reactions. <i>Journal of the American Chemical Society</i> , 2005, 127, 6877-6882.	6.6	354
10	Efficient Boron-Copper Additions to Aryl-Substituted Alkenes Promoted by NHC-Based Catalysts. Enantioselective Cu-Catalyzed Hydroboration Reactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 3160-3161.	6.6	330
11	Ru complexes bearing bidentate carbenes: from innocent curiosity to uniquely effective catalysts for olefin metathesis. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 8.	1.5	325
12	Catalytic Asymmetric Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2001, 7, 945-950.	1.7	320
13	Efficient C-B Bond Formation Promoted by N-Heterocyclic Carbenes: Synthesis of Tertiary and Quaternary B-Substituted Carbons through Metal-Free Catalytic Boron Conjugate Additions to Cyclic and Acyclic $\alpha,\beta$ -Unsaturated Carbonyls. <i>Journal of the American Chemical Society</i> , 2009, 131, 7253-7255.	6.6	302
14	Highly Selective Methods for Synthesis of Internal ( $\beta$ -Vinylboronates through Efficient NHC-Cu-Catalyzed Hydroboration of Terminal Alkynes. Utility in Chemical Synthesis and Mechanistic Basis for Selectivity. <i>Journal of the American Chemical Society</i> , 2011, 133, 7859-7871.	6.6	282
15	Discovery of Chiral Catalysts through Ligand Diversity: Ti-Catalyzed Enantioselective Addition of TMSCN to meso Epoxides. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1668-1671.	4.4	279
16	Enantioselective Conjugate Silyl Additions to Cyclic and Acyclic Unsaturated Carbonyls Catalyzed by Cu Complexes of Chiral N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 2898-2900.	6.6	278
17	Highly efficient molybdenum-based catalysts for enantioselective alkene metathesis. <i>Nature</i> , 2008, 456, 933-937.	13.7	271
18	Enantioselective Synthesis of Boron-Substituted Quaternary Carbons by NHC-Cu-Catalyzed Boronate Conjugate Additions to Unsaturated Carboxylic Esters, Ketones, or Thioesters. <i>Journal of the American Chemical Society</i> , 2010, 132, 10630-10633.	6.6	267

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19	Modular Peptide-Based Phosphine Ligands in Asymmetric Catalysis: Efficient and Enantioselective Cu-Catalyzed Conjugate Additions to Five-, Six-, and Seven-Membered Cyclic Enones. <i>Journal of the American Chemical Society</i> , 2001, 123, 755-756.	6.6	253
20	NHC-Cu-Catalyzed Enantioselective Hydroboration of Acyclic and Exocyclic 1,1-Disubstituted Aryl Alkenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7079-7082.	7.2	243
21	Chiral Ru-Based Complexes for Asymmetric Olefin Metathesis: Enhancement of Catalyst Activity through Steric and Electronic Modifications. <i>Journal of the American Chemical Society</i> , 2003, 125, 12502-12508.	6.6	241
22	Bidentate NHC-Based Chiral Ligands for Efficient Cu-Catalyzed Enantioselective Allylic Alkylations: Structure and Activity of an Air-Stable Chiral Cu Complex. <i>Journal of the American Chemical Society</i> , 2004, 126, 11130-11131.	6.6	237
23	Ti-Catalyzed Enantioselective Addition of Cyanide to Imines. A Practical Synthesis of Optically Pure $\pm$ -Amino Acids. <i>Journal of the American Chemical Society</i> , 1999, 121, 4284-4285.	6.6	232
24	Enantioselective C-C and C-H Bond Formation Mediated or Catalyzed by Chiral ebthi Complexes of Titanium and Zirconium. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1262-1284.	4.4	231
25	Catalytic Enantioselective Ring-Closing Metathesis by a Chiral Biphenyl-Mo Complex. <i>Journal of the American Chemical Society</i> , 1998, 120, 4041-4042.	6.6	231
26	Vicinal Diboronates in High Enantiomeric Purity through Tandem Site-Selective NHC-Cu-Catalyzed Boron-Copper Additions to Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2009, 131, 18234-18235.	6.6	230
27	A Practical Method for Enantioselective Synthesis of All-Carbon Quaternary Stereogenic Centers through NHC-Cu-Catalyzed Conjugate Additions of Alkyl- and Arylzinc Reagents to $I^2$ -Substituted Cyclic Enones. <i>Journal of the American Chemical Society</i> , 2006, 128, 7182-7184.	6.6	228
28	<i>Z</i> -Selective Olefin Metathesis Processes Catalyzed by a Molybdenum Hexaisopropylterphenoxide Monopyrrolide Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 7962-7963.	6.6	224
29	Enantioselective Synthesis of Allylboronates Bearing a Tertiary or Quaternary $\beta$ -Substituted Stereogenic Carbon by NHC-Cu-Catalyzed Substitution Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 10634-10637.	6.6	220
30	All-Carbon Quaternary Stereogenic Centers by Enantioselective Cu-Catalyzed Conjugate Additions Promoted by a Chiral N-Heterocyclic Carbene. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1097-1100.	7.2	219
31	Highly <i>Z</i> - and Enantioselective Ring-Opening/Cross-Metathesis Reactions Catalyzed by Stereogenic-at-Mo Adamantylimido Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 3844-3845.	6.6	215
32	Multifunctional organoboron compounds for scalable natural product synthesis. <i>Nature</i> , 2014, 513, 367-374.	13.7	214
33	Enantioselective silyl protection of alcohols catalysed by an amino-acid-based small molecule. <i>Nature</i> , 2006, 443, 67-70.	13.7	208
34	Synthesis of macrocyclic natural products by catalyst-controlled stereoselective ring-closing metathesis. <i>Nature</i> , 2011, 479, 88-93.	13.7	208
35	Highly Site- and Enantioselective Cu-Catalyzed Allylic Alkylation Reactions with Easily Accessible Vinylaluminum Reagents. <i>Journal of the American Chemical Society</i> , 2008, 130, 446-447.	6.6	207
36	Highly <i>Z</i> -Selective Metathesis Homocoupling of Terminal Olefins. <i>Journal of the American Chemical Society</i> , 2009, 131, 16630-16631.	6.6	204

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37	Metal-Free Catalytic Enantioselective C=C Bond Formation: (Pinacolato)boron Conjugate Additions to $\alpha,\beta$ -Unsaturated Ketones, Esters, Weinreb Amides, and Aldehydes Promoted by Chiral N-Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 8277-8285.	6.6	204
38	Readily Accessible and Easily Modifiable Ru-Based Catalysts for Efficient and <i>Z</i> -Selective Ring-Opening Metathesis Polymerization and Ring-Opening/Cross-Metathesis. <i>Journal of the American Chemical Society</i> , 2013, 135, 10258-10261.	6.6	201
39	Simple organic molecules as catalysts for enantioselective synthesis of amines and alcohols. <i>Nature</i> , 2013, 494, 216-221.	13.7	199
40	Cu-Catalyzed Asymmetric Conjugate Additions of Alkylzinc Reagents to Acyclic Aliphatic Enones. <i>Journal of the American Chemical Society</i> , 2002, 124, 779-781.	6.6	196
41	Cu-Catalyzed Chemoselective Preparation of (Pinacolato)boron-Substituted Allylcopper Complexes and their In-Situ Site-, Diastereo-, and Enantioselective Additions to Aldehydes and Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5046-5051.	7.2	194
42	Diastereo- and Enantioselective Reactions of Bis(pinacolato)diboron, 1,3-Enynes, and Aldehydes Catalyzed by an Easily Accessible Bisphosphine-Cu Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 11304-11307.	6.6	193
43	Site- and Enantioselective Formation of Allene-Bearing Tertiary or Quaternary Carbon Stereogenic Centers through NHC-Cu-Catalyzed Allylic Substitution. <i>Journal of the American Chemical Society</i> , 2012, 134, 1490-1493.	6.6	191
44	Catalytic Enantioselective Olefin Metathesis in Natural Product Synthesis. Chiral Metal-Based Complexes that Deliver High Enantioselectivity and More. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 34-44.	7.2	190
45	Ag-Catalyzed Asymmetric Mannich Reactions of Enol Ethers with Aryl, Alkyl, Alkenyl, and Alkynyl Imines. <i>Journal of the American Chemical Society</i> , 2004, 126, 3734-3735.	6.6	187
46	High-value alcohols and higher-oxidation-state compounds by catalytic <i>Z</i> -selective cross-metathesis. <i>Nature</i> , 2015, 517, 181-186.	13.7	184
47	Enantioselective Synthesis of All-Carbon Quaternary Stereogenic Centers by Catalytic Asymmetric Conjugate Additions of Alkyl and Aryl Aluminum Reagents to Five-, Six-, and Seven-Membered Ring-Substituted Cyclic Enones. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7358-7362.	7.2	182
48	$\beta$ -Selective Ni-Catalyzed Hydroalumination of Aryl- and Alkyl-Substituted Terminal Alkynes: Practical Syntheses of Internal Vinyl Aluminums, Halides, or Boronates. <i>Journal of the American Chemical Society</i> , 2010, 132, 10961-10963.	6.6	181
49	Catalytic Asymmetric Alkylations of Ketoimines. Enantioselective Synthesis of <i>N</i> -Substituted Quaternary Carbon Stereogenic Centers by Zr-Catalyzed Additions of Dialkylzinc Reagents to Aryl-, Alkyl-, and Trifluoroalkyl-Substituted Ketoimines. <i>Journal of the American Chemical Society</i> , 2008, 130, 5530-5541.	6.6	180
50	Evolution of Catalytic Stereoselective Olefin Metathesis: From Ancillary Transformation to Purveyor of Stereochemical Identity. <i>Journal of Organic Chemistry</i> , 2014, 79, 4763-4792.	1.7	180
51	Modular Pyridinyl Peptide Ligands in Asymmetric Catalysis: Enantioselective Synthesis of Quaternary Carbon Atoms Through Copper-Catalyzed Allylic Substitutions. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1456-1460.	7.2	172
52	Enantioselective Synthesis of Allylsilanes Bearing Tertiary and Quaternary Si-Substituted Carbons through Cu-Catalyzed Allylic Alkylations with Alkylzinc and Arylzinc Reagents. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4554-4558.	7.2	170
53	Design and Stereoselective Preparation of a New Class of Chiral Olefin Metathesis Catalysts and Application to Enantioselective Synthesis of Quebrachamine: Catalyst Development Inspired by Natural Product Synthesis. <i>Journal of the American Chemical Society</i> , 2009, 131, 943-953.	6.6	166
54	Chiral Mo-Binol Complexes: Activity, Synthesis, and Structure. Efficient Enantioselective Six-Membered Ring Synthesis through Catalytic Metathesis. <i>Journal of the American Chemical Society</i> , 1999, 121, 8251-8259.	6.6	165

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55	Synthesis of Quaternary Carbon Stereogenic Centers through Enantioselective Cu-Catalyzed Allylic Substitutions with Vinylaluminum Reagents. <i>Journal of the American Chemical Society</i> , 2010, 132, 14315-14320.	6.6	165
56	Mo-Catalyzed Asymmetric Synthesis of Dihydrofurans. Catalytic Kinetic Resolution and Enantioselective Desymmetrization through Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 1998, 120, 9720-9721.	6.6	164
57	Ag-Catalyzed Diastereo- and Enantioselective Vinylogous Mannich Reactions of $\hat{1}\pm$ -Ketoimine Esters. Development of a Method and Investigation of its Mechanism. <i>Journal of the American Chemical Society</i> , 2009, 131, 570-576.	6.6	164
58	High-Throughput Strategies for the Discovery of Catalysts. <i>Chemistry - A European Journal</i> , 1998, 4, 1885-1889.	1.7	162
59	Three-Component Catalytic Asymmetric Synthesis of Aliphatic Amines. <i>Journal of the American Chemical Society</i> , 2001, 123, 10409-10410.	6.6	162
60	Chiral N-Heterocyclic Carbenes in Natural Product Synthesis: Application of Ru-Catalyzed Asymmetric Ring-Opening/Cross-Metathesis and Cu-Catalyzed Allylic Alkylation to Total Synthesis of Baconipyronone. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3860-3864.	7.2	162
61	Small peptides as ligands for catalytic asymmetric alkylations of olefins. Rational design of catalysts or of searches that lead to them?. <i>Chemical Communications</i> , 2004, , 1779.	2.2	161
62	Direct synthesis of Z-alkenyl halides through catalytic cross-metathesis. <i>Nature</i> , 2016, 531, 459-465.	13.7	159
63	Immobilization of Olefin Metathesis Catalysts on Monolithic Sol-Gel: Practical, Efficient, and Easily Recyclable Catalysts for Organic and Combinatorial Synthesis. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4251-4256.	7.2	158
64	Cascade Catalysis in Synthesis. An Enantioselective Route to Sch 38516 (and Fluvirucin B1) Aglycon Macrolactam. <i>Journal of the American Chemical Society</i> , 1995, 117, 2943-2944.	6.6	157
65	Zr-Catalyzed Kinetic Resolution of Allylic Ethers and Mo-Catalyzed Chromene Formation in Synthesis. Enantioselective Total Synthesis of the Antihypertensive Agent (S,R,R,R)-Nebivolol. <i>Journal of the American Chemical Society</i> , 1998, 120, 8340-8347.	6.6	154
66	Chromenes through Metal-Catalyzed Reactions of Styrenyl Ethers. Mechanism and Utility in Synthesis. <i>Journal of the American Chemical Society</i> , 1998, 120, 2343-2351.	6.6	154
67	Efficient and Practical Ag-Catalyzed Cycloadditions between Arylimines and the Danishefsky Diene. <i>Journal of the American Chemical Society</i> , 2003, 125, 4018-4019.	6.6	153
68	Cu-Catalyzed Asymmetric Allylic Alkylations of Aromatic and Aliphatic Phosphates with Alkylzinc Reagents. An Effective Method for Enantioselective Synthesis of Tertiary and Quaternary Carbons. <i>Journal of the American Chemical Society</i> , 2004, 126, 10676-10681.	6.6	150
69	Enantioselective Synthesis of Nitroalkanes Bearing All-Carbon Quaternary Stereogenic Centers through Cu-Catalyzed Asymmetric Conjugate Additions. <i>Journal of the American Chemical Society</i> , 2005, 127, 4584-4585.	6.6	150
70	Metal-Free Catalytic C=C-Si Bond Formation in an Aqueous Medium. Enantioselective NHC-Catalyzed Silyl Conjugate Additions to Cyclic and Acyclic $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyls. <i>Journal of the American Chemical Society</i> , 2011, 133, 7712-7715.	6.6	149
71	Catalytic Enantioselective Alkylations of Tetrasubstituted Olefins. Synthesis of All-Carbon Quaternary Stereogenic Centers through Cu-Catalyzed Asymmetric Conjugate Additions of Alkylzinc Reagents to Enones. <i>Journal of the American Chemical Society</i> , 2005, 127, 14988-14989.	6.6	148
72	Efficient Enantioselective Synthesis of Functionalized Tetrahydropyrans by Ru-Catalyzed Asymmetric Ring-Opening Metathesis/Cross-Metathesis (AROM/CM). <i>Journal of the American Chemical Society</i> , 2004, 126, 12288-12290.	6.6	145

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73	Enantioselective Synthesis of Propargylamines through Zr-Catalyzed Addition of Mixed Alkynylzinc Reagents to Arylimines. <i>Organic Letters</i> , 2003, 5, 3273-3275.	2.4	144
74	Search for Chiral Catalysts Through Ligand Diversity: Substrate-Specific Catalysts and Ligand Screening on Solid Phase. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1704-1707.	4.4	143
75	Three-Component Enantioselective Synthesis of Propargylamines through Zr-Catalyzed Additions of Alkyl Zinc Reagents to Alkynylimines. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4244-4247.	7.2	142
76	Enantioselective Synthesis of Trisubstituted Allenyl-B(pin) Compounds by Phosphine-Cu-Catalyzed 1,3-Enyne Hydroboration. Insights Regarding Stereochemical Integrity of Cu-Allenyl Intermediates. <i>Journal of the American Chemical Society</i> , 2018, 140, 2643-2655.	6.6	142
77	Aluminum-Catalyzed Asymmetric Addition of TMSCN to Aromatic and Aliphatic Ketones Promoted by an Easily Accessible and Recyclable Peptide Ligand. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1009-1012.	7.2	140
78	Enantioselective Synthesis of Alkyne-Substituted Quaternary Carbon Stereogenic Centers through NHC-Cu-Catalyzed Allylic Substitution Reactions with ( <i>i</i> -Bu) <sub>2</sub> (Alkynyl)aluminum Reagents. <i>Journal of the American Chemical Society</i> , 2011, 133, 4778-4781.	6.6	136
79	Exceptionally <i>E</i> - and <i>Z</i> -Selective NHC-Cu-Catalyzed Proto-Silyl Additions to Terminal Alkynes and Site- and Enantioselective Proto-Boryl Additions to the Resulting Vinylsilanes: Synthesis of Enantiomerically Enriched Vicinal and Geminal Borosilanes. <i>Chemistry - A European Journal</i> , 2013, 19, 3204-3214.	1.7	136
80	Enantioselective Synthesis of Arylamines Through Zr-Catalyzed Addition of Dialkylzincs to Imines. Reaction Development by Screening of Parallel Libraries. <i>Journal of the American Chemical Society</i> , 2001, 123, 984-985.	6.6	135
81	Mechanism of Enantioselective Ti-Catalyzed Strecker Reaction: A Peptide-Based Metal Complexes as Bifunctional Catalysts. <i>Journal of the American Chemical Society</i> , 2001, 123, 11594-11599.	6.6	135
82	Zirconium-catalyzed asymmetric carbomagnesation. <i>Journal of the American Chemical Society</i> , 1993, 115, 6997-6998.	6.6	133
83	Stereogenic-at-Metal Zn- and Al-Based N-Heterocyclic Carbene (NHC) Complexes as Bifunctional Catalysts in Cu-Free Enantioselective Allylic Alkylations. <i>Journal of the American Chemical Society</i> , 2009, 131, 11625-11633.	6.6	133
84	A Readily Available and User-Friendly Chiral Catalyst for Efficient Enantioselective Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1452-1456.	7.2	132
85	Kinetic Resolution of 1,2-Diols through Highly Site- and Enantioselective Catalytic Silylation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8471-8474.	7.2	132
86	Molybdenum chloride catalysts for Z-selective olefin metathesis reactions. <i>Nature</i> , 2017, 542, 80-85.	13.7	132
87	A Highly Efficient and Practical Method for Catalytic Asymmetric Vinylogous Mannich (AVM) Reactions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7230-7233.	7.2	131
88	Enantioselective Synthesis of Unsaturated Cyclic Tertiary Ethers By Mo-Catalyzed Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2001, 123, 3139-3140.	6.6	130
89	Three-Component Ag-Catalyzed Enantioselective Vinylogous Mannich and Aza-Diels-Alder Reactions with Alkyl-Substituted Aldehydes. <i>Journal of the American Chemical Society</i> , 2008, 130, 17961-17969.	6.6	130
90	Tandem Catalytic Asymmetric Ring-Opening Metathesis/Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2000, 122, 1828-1829.	6.6	129



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91	Stereoisomerically Pure Trisubstituted Vinylaluminum Reagents and their Utility in Copper-Catalyzed Enantioselective Synthesis of 1,4-Dienes Containing <i>Z</i> - or <i>E</i> -Alkenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 419-423.	7.2	129
92	Enantioselective Total Synthesis of Erogorgiaene: Applications of Asymmetric Cu-Catalyzed Conjugate Additions of Alkylzincs to Acyclic Enones. <i>Journal of the American Chemical Society</i> , 2004, 126, 96-101.	6.6	128
93	Enantioselective Synthesis of Stereogenic Phosphinates and Phosphine Oxides by Molybdenum-Catalyzed Asymmetric Ring-Closing Metathesis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 762-766.	7.2	126
94	<i>Z</i> -Selective Olefin Metathesis Reactions Promoted by Tungsten Oxo Alkylidene Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 20754-20757.	6.6	125
95	Stereoselective formation of carbon-carbon bonds through metal catalysis. The zirconium-catalyzed ethylmagnesium reaction. <i>Journal of the American Chemical Society</i> , 1991, 113, 5079-5080.	6.6	124
96	Highly Enantioselective Cu-Catalyzed Conjugate Additions of Dialkylzinc Reagents to Unsaturated Furanones and Pyranones: Preparation of Air-Stable and Catalytically Active Cu-Peptide Complexes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5306-5310.	7.2	124
97	Formation of Vinyl-, Vinylhalide- or Acyl-Substituted Quaternary Carbon Stereogenic Centers through NHC-Cu-Catalyzed Enantioselective Conjugate Additions of Si-Containing Vinylaluminums to $\beta^2$ -Substituted Cyclic Enones. <i>Journal of the American Chemical Society</i> , 2011, 133, 736-739.	6.6	124
98	Catalytic enantioselective 1,6-conjugate additions of propargyl and allyl groups. <i>Nature</i> , 2016, 537, 387-393.	13.7	124
99	Catalytic $S_N2$ - and Enantioselective Allylic Substitution with a Diborylmethane Reagent and Application in Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3455-3458.	7.2	124
100	Efficient Catalytic Enantioselective Synthesis of Unsaturated Amines: Preparation of Small- and Medium-Ring Cyclic Amines through Mo-Catalyzed Asymmetric Ring-Closing Metathesis in the Absence of Solvent. <i>Journal of the American Chemical Society</i> , 2002, 124, 6991-6997.	6.6	123
101	Applications of Zr-Catalyzed Carbomagnesation and Mo-Catalyzed Macrocyclic Ring Closing Metathesis in Asymmetric Synthesis. Enantioselective Total Synthesis of Sch 38516 (Fluvirucin B1). <i>Journal of the American Chemical Society</i> , 1997, 119, 10302-10316.	6.6	122
102	Directed Catalytic Asymmetric Olefin Metathesis. Selectivity Control by Enoate and Ynoate Groups in Ru-Catalyzed Asymmetric Ring-Opening/Cross-Metathesis. <i>Journal of the American Chemical Society</i> , 2007, 129, 3824-3825.	6.6	121
103	Mechanism-based enhancement of scope and enantioselectivity for reactions involving a copper-substituted stereogenic carbon centre. <i>Nature Chemistry</i> , 2018, 10, 99-108.	6.6	121
104	Enantioselective Total Synthesis of Clavirolide C. Applications of Cu-Catalyzed Asymmetric Conjugate Additions and Ru-Catalyzed Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2008, 130, 12904-12906.	6.6	120
105	Quaternary Carbon Stereogenic Centers through Copper-Catalyzed Enantioselective Allylic Substitutions with Readily Accessible Aryl- or Heteroaryl-lithium Reagents and Aluminum Chlorides. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8370-8374.	7.2	119
106	Ti-Catalyzed Regio- and Enantioselective Synthesis of Unsaturated $\beta$ -Amino Nitriles, Amides, and Acids. Catalyst Identification through Screening of Parallel Libraries. <i>Journal of the American Chemical Society</i> , 2000, 122, 2657-2658.	6.6	118
107	Synthesis of <i>Z</i> -(Pinacolato)allylboron and <i>Z</i> -(Pinacolato)alkenylboron Compounds through Stereoselective Catalytic Cross-Metathesis. <i>Journal of the American Chemical Society</i> , 2013, 135, 6026-6029.	6.6	118
108	Enantioselective Synthesis of $\beta$ -Alkyl- $\beta^3$ -unsaturated Esters through Efficient Cu-Catalyzed Allylic Alkylations. <i>Journal of the American Chemical Society</i> , 2003, 125, 4690-4691.	6.6	117

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109	Cu <sup>+</sup> Catalyzed Enantioselective Conjugate Addition of Alkylzincs to Cyclic Nitroalkenes: A Catalytic Asymmetric Synthesis of Cyclic $\beta$ -Substituted Ketones. <i>Journal of the American Chemical Society</i> , 2002, 124, 8192-8193.	6.6	116
110	Ethenolysis Reactions Catalyzed by Imido Alkylidene Monoaryloxide Monopyrrolide (MAP) Complexes of Molybdenum. <i>Journal of the American Chemical Society</i> , 2009, 131, 10840-10841.	6.6	116
111	H-Bonding as a Control Element in Stereoselective Ru-Catalyzed Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2009, 131, 8378-8379.	6.6	115
112	Catalytic and Enantioselective Route to Medium-Ring Heterocycles. Asymmetric Zirconium-Catalyzed Ethylmagnesiumation of Seven- and Eight-Membered Rings. <i>Journal of the American Chemical Society</i> , 1996, 118, 4291-4298.	6.6	114
113	Catalytic Asymmetric Ring-Opening Metathesis/Cross Metathesis (AROM/CM) Reactions. Mechanism and Application to Enantioselective Synthesis of Functionalized Cyclopentanes. <i>Journal of the American Chemical Society</i> , 2001, 123, 7767-7778.	6.6	114
114	Kinetically controlled $\beta$ -selective catalytic olefin metathesis. <i>Science</i> , 2016, 352, 569-575.	6.0	114
115	Enantioselective Synthesis of Homoallylic Amines through Reactions of (Pinacolato)allylborons with Aryl-, Heteroaryl-, Alkyl-, or Alkene-Substituted Aldimines Catalyzed by Chiral $\beta$ -Symmetric NHC-Cu Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 3332-3335.	6.6	113
116	Lewis Base Activation of Grignard Reagents with N-Heterocyclic Carbenes. Cu-Free Catalytic Enantioselective Additions to $\beta$ -Chloro- $\alpha,\beta$ -Unsaturated Esters. <i>Journal of the American Chemical Society</i> , 2006, 128, 15604-15605.	6.6	111
117	Catalytic enantioselective addition of organoboron reagents to fluoroketones controlled by electrostatic interactions. <i>Nature Chemistry</i> , 2016, 8, 768-777.	6.6	111
118	The First Polymer-Supported and Recyclable Chiral Catalyst for Enantioselective Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 589-593.	7.2	108
119	Efficient and Selective Formation of Macrocyclic Disubstituted $\beta$ -Alkenes by Ring-Closing Metathesis (RCM) Reactions Catalyzed by Mo- or W-Based Monoaryloxide Pyrrolide (MAP) Complexes: Applications to Total Syntheses of Epilachnene, Yuzu Lactone, Ambrettolide, Epothilone C, and Nakadomarin A. <i>Chemistry - A European Journal</i> , 2013, 19, 2726-2740.	1.7	108
120	Catalytic Enantioselective Conjugate Additions of (pin) $\beta$ -Substituted Allylcopper Compounds Generated in situ from Butadiene or Isoprene. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9997-10002.	7.2	108
121	Efficient Cu-Catalyzed Asymmetric Conjugate Additions of Alkylzincs to Trisubstituted Cyclic Enones. <i>Journal of the American Chemical Society</i> , 2002, 124, 13362-13363.	6.6	107
122	Cu-Catalyzed Enantioselective Conjugate Additions of Alkyl Zinc Reagents to Unsaturated N-Acyloxazolidinones Promoted by a Chiral Triamide Phosphane. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1276-1279.	7.2	107
123	Ru-Catalyzed Rearrangement of Styrenyl Ethers. Enantioselective Synthesis of Chromenes through Zr- and Ru-Catalyzed Processes. <i>Journal of the American Chemical Society</i> , 1997, 119, 1488-1489.	6.6	106
124	Tandem Catalytic Asymmetric Ring-Opening Metathesis/Cross Metathesis. <i>Journal of the American Chemical Society</i> , 1999, 121, 11603-11604.	6.6	106
125	Dipyrrolyl Precursors to Bisalkoxide Molybdenum Olefin Metathesis Catalysts. <i>Journal of the American Chemical Society</i> , 2006, 128, 16373-16375.	6.6	105
126	Catalytic diastereo- and enantioselective additions of versatile allyl groups to N-H ketimines. <i>Nature Chemistry</i> , 2017, 9, 1269-1275.	6.6	105



#	ARTICLE	IF	CITATIONS
127	Enantioselective Total Synthesis of Antifungal Agent Sch 38516. <i>Journal of the American Chemical Society</i> , 1996, 118, 10926-10927.	6.6	104
128	Broadly Applicable <i>Z</i> - and Diastereoselective Ring-Opening/Cross-Metathesis Catalyzed by a Dithiolate Ru Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1968-1972.	7.2	104
129	NHC-Cu-Catalyzed Protoboration of Monosubstituted Allenes. Ligand-Controlled Site Selectivity, Application to Synthesis and Mechanism. <i>Organic Letters</i> , 2013, 15, 1414-1417.	2.4	103
130	Monodentate Non- <i>C</i> <sub>2</sub> -symmetric Chiral <i>N</i> -Heterocyclic Carbene Complexes for Enantioselective Synthesis. Cu-Catalyzed Conjugate Additions of Aryl- and Alkenylsilylfluorides to Cyclic Enones. <i>Journal of Organic Chemistry</i> , 2009, 74, 4455-4462.	1.7	102
131	Catalytic Enantioselective Silylation of Acyclic and Cyclic Triols: Application to Total Syntheses of Cleroindinins D, F, and C. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 547-550.	7.2	101
132	Catalytic Enantioselective Boryl and Silyl Substitution with Trifluoromethyl Alkenes: Scope, Utility, and Mechanistic Nuances of Cu <sup>II</sup> -Elimination. <i>Journal of the American Chemical Society</i> , 2019, 141, 19917-19934.	6.6	101
133	A Broadly Applicable NHC-Cu-Catalyzed Approach for Efficient, Site-, and Enantioselective Coupling of Readily Accessible (Pinacolato)alkenylboron Compounds to Allylic Phosphates and Applications to Natural Product Synthesis. <i>Journal of the American Chemical Society</i> , 2014, 136, 2149-2161.	6.6	100
134	Regarding the Mechanism of Olefin Metathesis with Sol <sup>†</sup> -Gel-Supported Ru-Based Complexes Bearing a Bidentate Carbene Ligand. Spectroscopic Evidence for Return of the Propagating Ru Carbene. <i>Journal of the American Chemical Society</i> , 2005, 127, 4510-4517.	6.6	99
135	Alkylidene and Metalacyclic Complexes of Tungsten that Contain a Chiral Biphenoxide Ligand. Synthesis, Asymmetric Ring-Closing Metathesis, and Mechanistic Investigations. <i>Journal of the American Chemical Society</i> , 2003, 125, 2652-2666.	6.6	98
136	Mechanism of NHC-Catalyzed Conjugate Additions of Diboron and Borosilane Reagents to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2015, 137, 10585-10602.	6.6	98
137	Enantioselective Synthesis of Cyclic Amides and Amines through Mo-Catalyzed Asymmetric Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2005, 127, 8526-8533.	6.6	96
138	Enol Ethers as Substrates for Efficient <i>Z</i> - and Enantioselective Ring-Opening/Cross-Metathesis Reactions Promoted by Stereogenic-at-Mo Complexes: Utility in Chemical Synthesis and Mechanistic Attributes. <i>Journal of the American Chemical Society</i> , 2012, 134, 2788-2799.	6.6	96
139	Zirconium-Catalyzed Kinetic Resolution of Pyrans. <i>Journal of the American Chemical Society</i> , 1994, 116, 3123-3124.	6.6	95
140	Al-Catalyzed Enantioselective Alkylation of $\hat{1}\pm$ -Ketoesters by Dialkylzinc Reagents. Enhancement of Enantioselectivity and Reactivity by an Achiral Lewis Base Additive. <i>Journal of the American Chemical Society</i> , 2005, 127, 15453-15456.	6.6	95
141	<i>Endo</i> -Selective Enyne Ring-Closing Metathesis Promoted by Stereogenic-at-Mo Monoalkoxide and Monoaryloxide Complexes. Efficient Synthesis of Cyclic Dienes Not Accessible through Reactions with Ru Carbenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 10652-10661.	6.6	94
142	Enhancement of Enantioselectivity by THF in Asymmetric Mo-Catalyzed Olefin Metathesis. Catalytic Enantioselective Synthesis of Cyclic Tertiary Ethers and Spirocycles. <i>Journal of the American Chemical Society</i> , 2002, 124, 10779-10784.	6.6	92
143	Enantioselective Synthesis of Boron-Substituted Quaternary Carbon Stereogenic Centers through NHC-Catalyzed Conjugate Additions of (Pinacolato)boron Units to Enones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3387-3391.	7.2	92
144	Enantioselective Synthesis of Medium-Ring Heterocycles, Tertiary Ethers, and Tertiary Alcohols by Mo <sup>VI</sup> -Catalyzed Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2002, 124, 2868-2869.	6.6	91

#	ARTICLE	IF	CITATIONS
145	Copper-Catalyzed Enantioselective Allylic Substitution with Readily Accessible Carbonyl- and Acetal-Containing Vinylboron Reagents. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6613-6617.	7.2	91
146	Zirconium-catalyzed ethylmagnesiumation of hydroxylated terminal alkenes; a catalytic and diastereoselective carbon-carbon bond-forming reaction. <i>Journal of the American Chemical Society</i> , 1993, 115, 6614-6624.	6.6	90
147	Entwicklung von chiralen Katalysatoren durch kombinatorische Ligandenvariation – Ti-katalysierte enantioselektive Addition von TMSCN an <i>meso</i> -Epoxyde. <i>Angewandte Chemie</i> , 1996, 108, 1776-1779.	1.6	89
148	Practical and Highly Enantioselective Synthesis of $\beta$ -Alkynyl- $\beta$ -amino Esters through Ag-Catalyzed Asymmetric Mannich Reactions of Silylketene Acetals and Alkynyl Imines. <i>Organic Letters</i> , 2005, 7, 2711-2713.	2.4	89
149	Ni-Catalyzed Asymmetric Addition of Grignard Reagents to Unsaturated Cyclic Acetals. The Influence of Added Phosphine on Enantioselectivity. <i>Journal of the American Chemical Society</i> , 1998, 120, 7649-7650.	6.6	88
150	Synthesis of Molybdenum Imido Alkylidene Complexes That Contain 3,3'-Dialkyl-5,5'-,6,6'-tetramethyl-1,1'-biphenyl-2,2'-diolates (Alkyl = t-Bu, Adamantyl). <i>Catalysts for Enantioselective Olefin Metathesis Reactions. Organometallics</i> , 2000, 19, 3700-3715.	1.1	88
151	NHC-Cu-Catalyzed Silyl Conjugate Additions to Acyclic and Cyclic Dienones and Dienoates. Efficient Site-, Diastereo- and Enantioselective Synthesis of Carbonyl-Containing Allylsilanes. <i>Organometallics</i> , 2012, 31, 7823-7826.	1.1	88
152	Synthesis of Monoalkoxide Monopyrrolyl Complexes Mo(NR)(CHR)(OR)(pyrrolyl): Ene Metathesis with High Oxidation State Catalysts. <i>Journal of the American Chemical Society</i> , 2007, 129, 12654-12655.	6.6	87
153	Isolation of Pure Disubstituted <i>E</i> Olefins through Mo-Catalyzed <i>Z</i> -Selective Ethenolysis of Stereoisomeric Mixtures. <i>Journal of the American Chemical Society</i> , 2011, 133, 11512-11514.	6.6	87
154	Efficient Enantioselective Synthesis of Piperidines through Catalytic Asymmetric Ring-Opening/Cross-Metathesis Reactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4534-4538.	7.2	86
155	The mechanism of the zirconium-catalyzed carbomagnesiumation reaction. Efficient and selective catalytic carbomagnesiumation with higher alkyls of magnesium. <i>Journal of the American Chemical Society</i> , 1992, 114, 6692-6697.	6.6	85
156	Asymmetric Catalysis Special Feature Part II: Mo-catalyzed asymmetric olefin metathesis in target-oriented synthesis: Enantioselective synthesis of (+)-africanol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5805-5809.	3.3	84
157	<i>Z</i> -Selective Metathesis Homocoupling of 1,3-Dienes by Molybdenum and Tungsten Monoaryloxide Pyrrolide (MAP) Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 11334-11337.	6.6	83
158	Molybdenum-Based Complexes with Two Aryloxides and a Pentafluoroimido Ligand: Catalysts for Efficient <i>Z</i> -Selective Synthesis of a Macrocyclic Trisubstituted Alkene by Ring-Closing Metathesis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1939-1943.	7.2	83
159	Efficient Cu-Catalyzed Asymmetric Conjugate Additions of Alkylzinc Reagents to Aromatic and Aliphatic Acyclic Nitroalkenes. <i>Organic Letters</i> , 2004, 6, 2829-2832.	2.4	82
160	Aluminum-Catalyzed Asymmetric Alkylations of Pyridyl-Substituted Alkynyl Ketones with Dialkylzinc Reagents. <i>Journal of the American Chemical Society</i> , 2008, 130, 9942-9951.	6.6	82
161	Catalytic Enantioselective Protoboration of Disubstituted Allenes. Access to Alkenylboron Compounds in High Enantiomeric Purity. <i>Organic Letters</i> , 2014, 16, 4658-4661.	2.4	82
162	N-Heterocyclic Carbene-Copper-Catalyzed Group-, Site-, and Enantioselective Allylic Substitution with a Readily Accessible Propargyl(pinacolato)boron Reagent: Utility in Stereoselective Synthesis and Mechanistic Attributes. <i>Journal of the American Chemical Society</i> , 2015, 137, 8948-8964.	6.6	82

#	ARTICLE	IF	CITATIONS
163	Molybdenum Imido Alkylidene Metathesis Catalysts That Contain Electron-Withdrawing Biphenolates or Binaphtholates. <i>Organometallics</i> , 2007, 26, 2528-2539.	1.1	81
164	Combining NHC-Cu and Brønsted Base Catalysis: Enantioselective Allylic Substitution/Conjugate Additions with Alkynylaluminum Reagents and Stereospecific Isomerization of the Products to Trisubstituted Allenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7694-7699.	7.2	80
165	Versatile Homoallylic Boronates by Chemo- and Stereoselective Catalytic Sequence of Cu-H Addition to Vinyl-B(pin)/Allylic Substitution. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 821-826.	7.2	78
166	Enantioselective Synthesis of Cyclic Secondary Amines through Mo-Catalyzed Asymmetric Ring-Closing Metathesis (RCM). <i>Organic Letters</i> , 2003, 5, 4899-4902.	2.4	76
167	Supported Chiral Mo-Based Complexes as Efficient Catalysts for Enantioselective Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2004, 126, 10945-10953.	6.6	76
168	Kinetically E-selective macrocyclic ring-closing metathesis. <i>Nature</i> , 2017, 541, 380-385.	13.7	76
169	Delayed catalyst function enables direct enantioselective conversion of nitriles to NH <sub>2</sub> -amines. <i>Science</i> , 2019, 364, 45-51.	6.0	76
170	Synthesis of E- and Z-trisubstituted alkenes by catalytic cross-metathesis. <i>Nature</i> , 2017, 552, 347-354.	13.7	75
171	An Enantiomerically Pure Adamantylimido Molybdenum Alkylidene Complex. An Effective New Catalyst for Enantioselective Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2003, 125, 2591-2596.	6.6	74
172	Comparison of Ru- and Mo-Based Chiral Olefin Metathesis Catalysts. Complementarity in Asymmetric Ring-Opening/Cross-Metathesis Reactions of Oxa- and Azabicycles. <i>Organic Letters</i> , 2007, 9, 2871-2874.	2.4	74
173	Modular Mo-based catalysts for efficient asymmetric olefin metathesis. Catalytic enantioselective synthesis of cyclic ethers and acetals. <i>Tetrahedron Letters</i> , 2000, 41, 9553-9559.	0.7	73
174	Enantioselective silyl protection of alcohols promoted by a combination of chiral and achiral Lewis basic catalysts. <i>Nature Chemistry</i> , 2013, 5, 768-774.	6.6	73
175	Combinatorial catalyst discovery. <i>Current Opinion in Chemical Biology</i> , 1999, 3, 313-319.	2.8	72
176	Z- and Enantioselective Ring-Opening/Cross-Metathesis with Enol Ethers Catalyzed by Stereogenic-at-Ru Carbenes: Reactivity, Selectivity, and Curtin-Hammett Kinetics. <i>Journal of the American Chemical Society</i> , 2012, 134, 12774-12779.	6.6	72
177	Different Strategies for Designing Dual-Catalytic Enantioselective Processes: From Fully Cooperative to Non-cooperative Systems. <i>Journal of the American Chemical Society</i> , 2019, 141, 17952-17961.	6.6	72
178	Metal-Catalyzed Kinetic Resolution Processes. <i>Current Organic Chemistry</i> , 1998, 2, 489-526.	0.9	72
179	New Chiral Molybdenum Catalysts for Asymmetric Olefin Metathesis that Contain 3,3-Disubstituted Octahydrobinaphtholate or 2,6-Dichlorophenylimido Ligands. <i>Organometallics</i> , 2002, 21, 409-417.	1.1	71
180	The Significance of Degenerate Processes to Enantioselective Olefin Metathesis Reactions Promoted by Stereogenic-at-Mo Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 16407-16409.	6.6	68

#	ARTICLE	IF	CITATIONS
181	Catalytic <i>Z</i> -Selective Cross-Metathesis in Complex Molecule Synthesis: A Convergent Stereoselective Route to Disorazole C <sub>1</sub> . <i>Journal of the American Chemical Society</i> , 2014, 136, 16136-16139.	6.6	68
182	Reactivity and Selectivity Differences between Catecholate and Catechothiolate Ru Complexes. Implications Regarding Design of Stereoselective Olefin Metathesis Catalysts. <i>Journal of the American Chemical Society</i> , 2014, 136, 14337-14340.	6.6	68
183	Enantio-, Diastereo-, and Regioselective Zirconium-Catalyzed Carbomagnesation of Cyclic Ethers with Higher Alkyls of Magnesium. Utility in Synthesis and Mechanistic Implications. <i>Journal of the American Chemical Society</i> , 1995, 117, 7097-7104.	6.6	67
184	Practical, Broadly Applicable, $\pm$ -Selective, <i>Z</i> -Selective, Diastereoselective, and Enantioselective Addition of Allylboron Compounds to Mono-, Di-, Tri-, and Polyfluoroalkyl Ketones. <i>Journal of the American Chemical Society</i> , 2017, 139, 9053-9065.	6.6	67
185	In Situ Methylene Capping: A General Strategy for Efficient Stereoretentive Catalytic Olefin Metathesis. The Concept, Methodological Implications, and Applications to Synthesis of Biologically Active Compounds. <i>Journal of the American Chemical Society</i> , 2017, 139, 10919-10928.	6.6	66
186	Cross-metathesis reaction. Generation of highly functionalized olefins from unsaturated alcohols. <i>Journal of Organometallic Chemistry</i> , 2001, 624, 327-332.	0.8	64
187	Synthesis and Evaluation of Molybdenum and Tungsten Monoaryloxide Halide Alkylidene Complexes for <i>Z</i> -Selective Cross-Metathesis of Cyclooctene and <i>Z</i> -1,2-Dichloroethylene. <i>Journal of the American Chemical Society</i> , 2016, 138, 15774-15783.	6.6	64
188	Lewis Acid Catalyzed Borotropic Shifts in the Design of Diastereo- and Enantioselective $\beta$ -Additions of Allylboron Moieties to Aldimines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4701-4706.	7.2	64
189	Catalyst-Controlled Stereoselective Olefin Metathesis as a Principal Strategy in Multistep Synthesis Design: A Concise Route to (+)-Neopeltolide. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 215-220.	7.2	63
190	<i>E</i> - and <i>Z</i> -, di- and tri-substituted alkenyl nitriles through catalytic cross-metathesis. <i>Nature Chemistry</i> , 2019, 11, 478-487.	6.6	63
191	Catalytic Enantioselective Synthesis of Quaternary All-Carbon Stereogenic Centers. Preparation of $\beta$ -Disubstituted $\beta$ -Unsaturated Esters through Cu-Catalyzed Asymmetric Allylic Alkylations. <i>Organic Letters</i> , 2005, 7, 1255-1258.	2.4	62
192	Preparation of Macrocyclic <i>Z</i> -Enoates and ( <i>E</i> , <i>Z</i> )- or ( <i>Z</i> , <i>E</i> )-Dienoates through Catalytic Stereoselective Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2014, 136, 16493-16496.	6.6	62
193	Stereoselective zirconium-catalyzed ethylmagnesiation of homoallylic alcohols and ethers. The influence of internal Lewis bases on substrate reactivity. <i>Journal of the American Chemical Society</i> , 1991, 113, 8950-8952.	6.6	61
194	Evaluation of Enantiomerically Pure Binaphthol-Based Molybdenum Catalysts for Asymmetric Olefin Metathesis Reactions that Contain 3,3'-Diphenyl- or 3,3'-Dimesityl-Substituted Binaphtholate Ligands. Generation and Decomposition of Unsubstituted Molybdacyclobutane Complexes. <i>Organometallics</i> , 2001, 20, 5658-5669.	1.1	61
195	Enantioselective Synthesis of Cyclic Enol Ethers and All-Carbon Quaternary Stereogenic Centers Through Catalytic Asymmetric Ring-Closing Metathesis. <i>Journal of the American Chemical Society</i> , 2006, 128, 5153-5157.	6.6	61
196	Investigations of Reactions between Chiral Molybdenum Imido Alkylidene Complexes and Ethylene: Observation of Unsolvated Base-Free Methylene Complexes, Metalacyclobutane and Metalacyclopentane Complexes, and Molybdenum(IV) Olefin Complexes. <i>Organometallics</i> , 2004, 23, 1997-2007.	1.1	60
197	Cu-Catalyzed Asymmetric Conjugate Additions of Dialkyl- and Diarylzinc Reagents to Acyclic $\beta$ -Silyl- $\beta$ -unsaturated Ketones. Synthesis of Allylsilanes in High Diastereo- and Enantiomeric Purity. <i>Organic Letters</i> , 2007, 9, 3187-3190.	2.4	60
198	A Robust, Efficient, and Highly Enantioselective Method for Synthesis of Homopropargyl Amines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6618-6621.	7.2	60

#	ARTICLE	IF	CITATIONS
199	Catalytic Enantioselective Synthesis of Allylic Boronates Bearing a Trisubstituted Alkenyl Fluoride and Related Derivatives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11998-12003.	7.2	58
200	Inversion of Configuration at the Metal in Diastereomeric Imido Alkylidene Monoaryloxoide Monopyrrolide Complexes of Molybdenum. <i>Journal of the American Chemical Society</i> , 2009, 131, 58-59.	6.6	57
201	Regiodivergent Reactions through Catalytic Enantioselective Silylation of Chiral Diols. Synthesis of Sapinofuranone A. <i>Organic Letters</i> , 2011, 13, 3778-3781.	2.4	57
202	An Efficient, Practical, and Enantioselective Method for Synthesis of Homoallenylamides Catalyzed by an Aminoalcohol-Derived, Boron-Based Catalyst. <i>Journal of the American Chemical Society</i> , 2014, 136, 3780-3783.	6.6	57
203	A Multicomponent Ni, Zr, and Cu-Catalyzed Strategy for Enantioselective Synthesis of Alkenyl-Substituted Quaternary Carbons. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1910-1914.	7.2	56
204	Enantioselective Synthesis of Quaternary Carbon Stereogenic Centers through Copper-Catalyzed Conjugate Additions of Aryl- and Alkylaluminum Reagents to Acyclic Trisubstituted Enones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8156-8159.	7.2	55
205	Catalytic <i>Z</i> -Selective Cross-Metathesis with Secondary Silyl- and Benzyl-Protected Allylic Ethers: Mechanistic Aspects and Applications to Natural Product Synthesis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8395-8400.	7.2	54
206	Practical and Broadly Applicable Catalytic Enantioselective Additions of Allyl-B(pin) Compounds to Ketones and $\alpha$ -Ketoesters. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9610-9614.	7.2	54
207	NHC-Cu-Catalyzed Addition of Propargylboron Reagents to Phosphinoylimines. Enantioselective Synthesis of Trimethylsilyl-Substituted Homoallenylamides and Application to the Synthesis of S-( $\hat{\alpha}$ )-Cyclooidin. <i>Journal of the American Chemical Society</i> , 2014, 136, 3362-3365.	6.6	52
208	Synthesis of ( $\hat{\pm}$ )-Tetrapetalone...-Me Aglycon. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9334-9338.	7.2	50
209	Racemic Vinylallenes in Catalytic Enantioselective Multicomponent Processes: Rapid Generation of Complexity through 1,6-Conjugate Additions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2685-2691.	7.2	50
210	Enantioselective synthesis of cyclic allylboronates by Mo-catalyzed asymmetric ring-closing metathesis (ARCM). A one-pot protocol for net catalytic enantioselective cross metathesis. <i>Tetrahedron</i> , 2004, 60, 7345-7351.	1.0	47
211	The Influence of Anionic Ligands on Stereoisomerism of Ru Carbenes and Their Importance to Efficiency and Selectivity of Catalytic Olefin Metathesis Reactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 3439-3455.	6.6	44
212	Impact of Ethylene on Efficiency and Stereocontrol in Olefin Metathesis: When to Add It, When to Remove It, and When to Avoid It. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22324-22348.	7.2	44
213	Sulfonate N-Heterocyclic Carbene-Copper Complexes: Uniquely Effective Catalysts for Enantioselective Synthesis of C-C, C-B, C-H, and C-Si Bonds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21304-21359.	7.2	44
214	<i>Endo</i> -Selective Enyne Ring-Closing Metathesis Promoted by Stereogenic-at-W Mono-Pyrrolide Complexes. <i>Organic Letters</i> , 2011, 13, 784-787.	2.4	42
215	Synthesis, Isolation, Characterization, and Reactivity of High-Energy Stereogenic-at-Ru Carbenes: Stereochemical Inversion through Olefin Metathesis and Other Pathways. <i>Journal of the American Chemical Society</i> , 2012, 134, 12438-12441.	6.6	42
216	Syntheses of Molybdenum Oxo Alkylidene Complexes through Addition of Water to an Alkylidene Complex. <i>Journal of the American Chemical Society</i> , 2018, 140, 2797-2800.	6.6	40



#	ARTICLE	IF	CITATIONS
217	Zirconium-Catalyzed Kinetic Resolution of Cyclic Allylic Ethers. An Enantioselective Route to Unsaturated Medium Ring Systems. <i>Journal of the American Chemical Society</i> , 1996, 118, 3779-3780.	6.6	39
218	Ru-Based Catechothiolate Complexes Bearing an Unsaturated NHC Ligand: Effective Cross-Metathesis Catalysts for Synthesis of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Esters, Carboxylic Acids, and Primary, Secondary, and Weinreb Amides. <i>Journal of the American Chemical Society</i> , 2019, 141, 7137-7146.	6.6	39
219	Catalytic $S_N2$ and Enantioselective Allylic Substitution with a Diborylmethane Reagent and Application in Synthesis. <i>Angewandte Chemie</i> , 2016, 128, 3516-3519.	1.6	38
220	Zr-Catalyzed Kinetic Resolution of Aliphatic Cyclic Allylic Ethers. Carbocycles to Heterocycles by Ru- and Mo-Catalyzed Ring-Opening and Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 1999, 64, 9690-9696.	1.7	37
221	Pentacoordinate Ruthenium(II) Catecholthiolate and Mercaptophenolate Catalysts for Olefin Metathesis: Anionic Ligand Exchange and Ease of Initiation. <i>Organometallics</i> , 2016, 35, 3878-3892.	1.1	37
222	Catalytic Enantioselective Conjugate Additions of (pin) $B\hat{5}$ -Substituted Allylcopper Compounds Generated in situ from Butadiene or Isoprene. <i>Angewandte Chemie</i> , 2016, 128, 10151-10156.	1.6	37
223	High Oxidation State Molybdenum Imido Heteroatom-Substituted Alkylidene Complexes. <i>Organometallics</i> , 2013, 32, 4612-4617.	1.1	36
224	Controllable ROMP Tacticity by Harnessing the Fluxionality of Stereogenic $\hat{6}$ Ruthenium Complexes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4997-5002.	7.2	35
225	$S_N3$ -Selective and Enantioselective Substitution with Unsaturated Organoboron Compounds and Catalyzed by a Sulfonate-Containing NHC-Cu Complex. <i>Journal of the American Chemical Society</i> , 2018, 140, 16842-16854.	6.6	34
226	Synthesis of $\hat{Z}$ - or $\hat{E}$ -Trisubstituted Allylic Alcohols and Ethers by Kinetically Controlled Cross-Metathesis with a Ru Catechothiolate Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 15640-15643.	6.6	33
227	Enantioselective Total Synthesis of ( $\hat{\sim}$ ) $\hat{D}$ eoaxapodine. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13857-13860.	7.2	33
228	Traceless Protection for More Broadly Applicable Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5365-5370.	7.2	33
229	Electronically Activated Organoboron Catalysts for Enantioselective Propargyl Addition to Trifluoromethyl Ketones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8736-8741.	7.2	32
230	Synthesis of Molybdenum Imido Alkylidene Complexes Containing $N, N\hat{\sim}$ -Disubstituted $2,2\hat{\sim}$ -Bisamido-1,1 $\hat{\sim}$ -binaphthyl Ligands. <i>Organometallics</i> , 2000, 19, 925-930.	1.1	31
231	Zr-Catalyzed Olefin Alkylations and Allylic Substitution Reactions with Electrophiles. <i>Journal of the American Chemical Society</i> , 2000, 122, 5977-5983.	6.6	30
232	Catalytic Homologation of Vinyltributylstannane to Allyltributylstannane by Mo(IV) Complexes in the Presence of Ethylene. <i>Journal of the American Chemical Society</i> , 2004, 126, 1948-1949.	6.6	30
233	Streamlined Catalytic Enantioselective Synthesis of $\hat{1}\pm$ -Substituted $\hat{1}^2, \hat{1}^3$ -Unsaturated Ketones and Either of the Corresponding Tertiary Homoallylic Alcohol Diastereomers. <i>Journal of the American Chemical Society</i> , 2020, 142, 18200-18212.	6.6	30
234	Synthesis of Alternating $\hat{trans}$ -AB Copolymers through Ring-Opening Metathesis Polymerization Initiated by Molybdenum Alkylidenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 2239-2242.	6.6	29



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235	Synthesis of Linear $\alpha,\beta$ -Unsaturated Esters by Catalytic Cross-Metathesis. The Influence of Acetonitrile. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13210-13214.	7.2	29
236	Copper-Hydride-Catalyzed Enantioselective Processes with Allenyl Boronates. Mechanistic Nuances, Scope, and Utility in Target-Oriented Synthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 12087-12099.	6.6	29
237	Zr-Catalyzed Electrophilic Carbomagnesation of Aryl Olefins. Mechanism-Based Control of Zr-Mg Ligand Exchange. <i>Organic Letters</i> , 2001, 3, 2097-2100.	2.4	28
238	Olefins Turned Alkylating Agents: Diastereoselective Intramolecular Zr-Catalyzed Olefin Alkylations. <i>Organic Letters</i> , 2002, 4, 395-398.	2.4	28
239	Catalytic Enantioselective Addition of an Allyl Group to Ketones Containing a Tri-, a Di-, or a Monohalomethyl Moiety. Stereochemical Control Based on Distinctive Electronic and Steric Attributes of C-Cl, C-Br, and C-F Bonds. <i>Journal of the American Chemical Society</i> , 2019, 141, 16125-16138.	6.6	28
240	Operationally Simple, Efficient, and Diastereoselective Synthesis of cis-2,6-Disubstituted-4-Methylene Tetrahydropyrans Catalyzed by Triflic Acid. <i>Organic Letters</i> , 2006, 8, 1871-1874.	2.4	26
241	Regio- and Enantioselective Synthesis of Trifluoromethyl-Substituted Homoallylic Tertiary $NH_2$ Amines by Reactions Facilitated by a Threonine-Based Boron-Containing Catalyst. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11448-11455.	7.2	26
242	Bipyridine Adducts of Molybdenum Imido Alkylidene and Imido Alkylidyne Complexes. <i>Organometallics</i> , 2012, 31, 4558-4564.	1.1	25
243	Synthesis of Molybdenum and Tungsten Alkylidene Complexes That Contain Sterically Demanding Arenethiolate Ligands. <i>Organometallics</i> , 2014, 33, 5334-5341.	1.1	25
244	Lewis Acid Catalyzed Borotropic Shifts in the Design of Diastereo- and Enantioselective $\beta$ -Additions of Allylboron Moieties to Aldimines. <i>Angewandte Chemie</i> , 2016, 128, 4779-4784.	1.6	25
245	Practical, efficient, and broadly applicable synthesis of readily differentiable vicinal diboronate compounds by catalytic three-component reactions. <i>Tetrahedron</i> , 2017, 73, 5011-5017.	1.0	25
246	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1314-1317.	1.6	24
247	Syntheses of Molybdenum Oxo Benzylidene Complexes. <i>Journal of the American Chemical Society</i> , 2018, 140, 13609-13613.	6.6	24
248	Molybdenum Imido Alkylidene Complexes Containing Biphen Ligands that Have Silyl Groups Attached through the 6 and 6-Methyl Group Carbon Atoms. <i>Organometallics</i> , 2001, 20, 4705-4712.	1.1	22
249	Diphenylamido Precursors to Bisalkoxide Molybdenum Olefin Metathesis Catalysts. <i>Organometallics</i> , 2006, 25, 4621-4626.	1.1	22
250	Regarding a Persisting Puzzle in Olefin Metathesis with Ru Complexes: Why are Transformations of Alkenes with a Small Substituent $Z$ -Selective?. <i>Organometallics</i> , 2016, 35, 543-562.	1.1	22
251	Versatile Homoallylic Boronates by Chemo-, S N 2, Diastereo- and Enantioselective Catalytic Sequence of $Cu^H$ Addition to Vinyl- $\beta$ (pin)/Allylic Substitution. <i>Angewandte Chemie</i> , 2017, 129, 839-844.	1.6	22
252	Synthesis of Molybdenum and Tungsten Alkylidene Complexes That Contain the 2,6-Bis(2,4,6-triisopropylphenyl)phenylimido (NHIPT) Ligand. <i>Organometallics</i> , 2015, 34, 2110-2113.	1.1	21

#	ARTICLE	IF	CITATIONS
253	A Catalytic Approach for Enantioselective Synthesis of Homoallylic Alcohols Bearing a <i>Z</i> -Alkenyl Chloride or Trifluoromethyl Group. A Concise and Protecting Group-Free Synthesis of Mycothiazole. <i>Journal of the American Chemical Society</i> , 2020, 142, 436-447.	6.6	21
254	N-Substituted tertiary and O-substituted quaternary carbon stereogenic centers by site-, diastereo- and enantioselective vinylogous Mannich reactions. <i>Tetrahedron Letters</i> , 2015, 56, 3489-3493.	0.7	20
255	$\beta$ , Diastereo-, and Enantioselective Addition of MEMO-Substituted Allylboron Compounds to Aldimines Catalyzed by Organoboron-Ammonium Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11654-11661.	7.2	20
256	Syntheses of Molybdenum Adamantylimido and <i>t</i> -Butylimido Alkylidene Chloride Complexes Using HCl and Diphenylmethylphosphine. <i>Organometallics</i> , 2017, 36, 4208-4214.	1.1	19
257	Catalytic Enantioselective Synthesis of Allylic Boronates Bearing a Trisubstituted Alkenyl Fluoride and Related Derivatives. <i>Angewandte Chemie</i> , 2019, 131, 12126-12131.	1.6	19
258	Silica-Supported Molybdenum Oxo Alkylidenes: Bridging the Gap between Internal and Terminal Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11816-11819.	7.2	19
259	Stereodefined alkenes with a fluoro-chloro terminus as a uniquely enabling compound class. <i>Nature Chemistry</i> , 2022, 14, 463-473.	6.6	19
260	Diversity-Based Identification of Efficient Homochiral Organometallic Catalysts for Enantioselective Synthesis. , 2004, , 991-1016.		18
261	Combinatorial catalysis: identification of potent chiral catalysts through fluorescent bead signaling. <i>Chemistry and Biology</i> , 1999, 6, R305-R308.	6.2	17
262	Stereoselective Chelate-Controlled Addition of Grignard Reagents to Unsaturated Medium-Ring Heterocycles. <i>Journal of Organic Chemistry</i> , 1999, 64, 854-860.	1.7	17
263	New Enantiomerically Pure Alkylimido Molybdenum-Based Alkylidene Complexes. Synthesis, Characterization, and Activity as Chiral Olefin Metathesis Catalysts. <i>Organometallics</i> , 2007, 26, 831-837.	1.1	16
264	Practical and Broadly Applicable Catalytic Enantioselective Additions of Allyl-B(pin) Compounds to Ketones and $\alpha$ -Ketoesters. <i>Angewandte Chemie</i> , 2016, 128, 9762-9766.	1.6	16
265	Synthesis of 2,6-Hexa- <i>tert</i> -butylterphenyl Derivatives, 2,6-(2,4,6- <i>t</i> -Bu <sub>3</sub> C <sub>6</sub> H <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> X <sub>4</sub> where X = I, Li, OH, SH, N <sub>3</sub> , or NH <sub>2</sub> . <i>Organic Letters</i> , 2017, 19, 2607-2609.		16
266	Racemic Vinylallenes in Catalytic Enantioselective Multicomponent Processes: Rapid Generation of Complexity through 1,6-Conjugate Additions. <i>Angewandte Chemie</i> , 2019, 131, 2711-2717.	1.6	15
267	Syntheses of $\phi$ -Phosphine-Free-Molybdenum Oxo Alkylidene Complexes through Addition of Water to Alkylidyne Complexes. <i>Organometallics</i> , 2020, 39, 2486-2492.	1.1	15
268	Synthesis of Tungsten Imido Alkylidene Complexes that Contain an Electron-Withdrawing Imido Ligand. <i>Organometallics</i> , 2014, 33, 5342-5348.	1.1	13
269	Electronically Activated Organoboron Catalysts for Enantioselective Propargyl Addition to Trifluoromethyl Ketones. <i>Angewandte Chemie</i> , 2017, 129, 8862-8867.	1.6	13
270	Impact of Ethylene on Efficiency and Stereocontrol in Olefin Metathesis: When to Add It, When to Remove It, and When to Avoid It. <i>Angewandte Chemie</i> , 2020, 132, 22508-22532.	1.6	13

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271	Sulfonate Nâ€Heterocyclic Carbeneâ€Copper Complexes: Uniquely Effective Catalysts for Enantioselective Synthesis of CâˆC, CâˆB, CâˆH, and CâˆSi Bonds. <i>Angewandte Chemie</i> , 2020, 132, 21488-21543.	1.6	13
272	Chiral Zirconium Catalysts for Enantioselective Synthesis. , 0, , 180-229.		12
273	Synthesis of Linear (<i>Z</i>)â€Unsaturated Esters by Catalytic Crossâ€Metathesis. The Influence of Acetonitrile. <i>Angewandte Chemie</i> , 2016, 128, 13404-13408.	1.6	9
274	Synthesis of High-Oxidation-State Moâ€CHX Complexes, Where X = Cl, CF<sub>3</sub>, Phosphonium, CN. <i>Organometallics</i> , 2018, 37, 1641-1644.	1.1	9
275	Traceless Protection for More Broadly Applicable Olefin Metathesis. <i>Angewandte Chemie</i> , 2019, 131, 5419-5424.	1.6	9
276	Boosting the Metathesis Activity of Molybdenum Oxo Alkylidenes by Tuning the Anionic Ligand ĩf Donation. <i>Inorganic Chemistry</i> , 2021, 60, 6875-6880.	1.9	9
277	Regioâ€and Enantioselective Synthesis of Trifluoromethylâ€Substituted Homoallylic ĩâ€Tertiary NH 2 â€Amines by Reactions Facilitated by a Threonineâ€Based Boronâ€Containing Catalyst. <i>Angewandte Chemie</i> , 2020, 132, 11545-11552.	1.6	8
278	Oxo 2-Adamantylidene Complexes of Mo(VI) and W(VI). <i>Organometallics</i> , 2021, 40, 838-842.	1.1	8
279	Cover Picture: Molybdenum and Tungsten Imido Alkylidene Complexes as Efficient Olefin-Metathesis Catalysts ( <i>Angew. Chem. Int. Ed.</i> 38/2003). <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4555-4555.	7.2	7
280	Enantioselective Total Synthesis of (âˆ)â€Deoxoapodine. <i>Angewandte Chemie</i> , 2017, 129, 14045-14048.	1.6	7
281	Cross-metathesis of Allenes. Mechanistic Analysis and Identification of a Ru-CAAC as the Most Effective Catalyst. <i>Journal of the American Chemical Society</i> , 2021, 143, 20640-20644.	6.6	7
282	Controllable ROMP Tacticity by Harnessing the Fluxionality of Stereogenicâ€Cataâ€Ruthenium Complexes. <i>Angewandte Chemie</i> , 2016, 128, 5081-5086.	1.6	6
283	ĩâ€, Diastereoâ€, and Enantioselective Addition of MEMOâ€Substituted Allylboron Compounds to Aldimines Catalyzed by Organoboronâ€Ammonium Complexes. <i>Angewandte Chemie</i> , 2018, 130, 11828-11835.	1.6	6
284	Catalytic Enantioselective Conjugate Addition of Stereodefined Diâ€and Trisubstituted Alkenylaluminum Compounds to Acyclic Enones. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 370-375.	2.1	6
285	E- and Z-trisubstituted macrocyclic alkenes for natural product synthesis and skeletal editing. <i>Nature Chemistry</i> , 2022, 14, 640-649.	6.6	6
286	Zr-catalyzed diastereo- and enantioselective diene cyclizations. An unexpected synthesis of chiral aldehydes. <i>Inorganica Chimica Acta</i> , 2003, 345, 261-267.	1.2	5
287	Polymer-supported Olefin Metathesis Catalysts for Organic and Combinatorial Synthesis. , 2005, , 467-502.		5
288	Asymmetric Catalysis in Target-Oriented Synthesis. , 2005, , 145-160.		3

#	ARTICLE	IF	CITATIONS
289	Silica-Supported Molybdenum Oxo Alkylidenes: Bridging the Gap between Internal and Terminal Olefin Metathesis. <i>Angewandte Chemie</i> , 2019, 131, 11942-11945.	1.6	3
290	Primo Levi's The Periodic Table. A Search for Patterns in Times Past. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6592-6594.	7.2	1
291	Frontispiece: Catalytic Enantioselective Synthesis of Allylic Boronates Bearing a Trisubstituted Alkenyl Fluoride and Related Derivatives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	7.2	1
292	Room for one more on board?. <i>Nature</i> , 2001, 413, 676-676.	13.7	0
293	Molybdenum and Tungsten Imido Alkylidene Complexes as Efficient Olefin-Metathesis Catalysts.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
294	Three-Component Enantioselective Synthesis of Propargylamines Through Zr-Catalyzed Additions of Alkyl Zinc Reagents to Alkynylimines.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
295	Enantioselective Synthesis of Cyclic Allylboronates by Mo-Catalyzed Asymmetric Ring-Closing Metathesis (ARCM). A One-Pot Protocol for Net Catalytic Enantioselective Cross Metathesis.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
296	Highly Enantioselective Cu-Catalyzed Conjugate Additions of Dialkylzinc Reagents to Unsaturated Furanones and Pyranones: Preparation of Air-Stable and Catalytically Active Cu-Peptide Complexes.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
297	Frontispiz: Catalytic Enantioselective Synthesis of Allylic Boronates Bearing a Trisubstituted Alkenyl Fluoride and Related Derivatives. <i>Angewandte Chemie</i> , 2019, 131, .	1.6	0