

# Amir H Hoveyda

## 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.

325  
papers

31,839  
citations

102  
h-index

165  
g-index

381  
ext. papers

34,204  
ext. citations

13.8  
avg, IF

7.57  
L-index

#	Paper	IF	Citations
325	Oxo 2-Adamantylidene Complexes of Mo(VI) and W(VI). <i>Organometallics</i> , <b>2021</b> , 40, 838-842	3.8	5
324	Boosting the Metathesis Activity of Molybdenum Oxo Alkylidenes by Tuning the Anionic Ligand $\pi$ Donation. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 6875-6880	5.1	3
323	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> , <b>2020</b> , 59, 21304-21359	16.4	27
322	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</i> , <b>2020</b> , 132, 21488-21543	3.6	7
321	Regio- and Enantioselective Synthesis of Trifluoromethyl-Substituted Homoallylic $\beta$ -Tertiary NH <sub>2</sub> -Amines by Reactions Facilitated by a Threonine-Based Boron-Containing Catalyst. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11448-11455	16.4	18
320	Syntheses of $\beta$ -Phosphine-Free Molybdenum Oxo Alkylidene Complexes through Addition of Water to Alkylidyne Complexes. <i>Organometallics</i> , <b>2020</b> , 39, 2486-2492	3.8	9
319	Regio- and Enantioselective Synthesis of Trifluoromethyl-Substituted Homoallylic $\beta$ -Tertiary NH <sub>2</sub> -Amines by Reactions Facilitated by a Threonine-Based Boron-Containing Catalyst. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11545-11552	3.6	5
318	A Catalytic Approach for Enantioselective Synthesis of Homoallylic Alcohols Bearing a $\beta$ -Alkenyl Chloride or Trifluoromethyl Group. A Concise and Protecting Group-Free Synthesis of Mycothiazole. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 436-447	16.4	12
317	Catalytic Enantioselective Conjugate Addition of Stereodefined Di- and Trisubstituted Alkenylaluminum Compounds to Acyclic Enones. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 370-375	5.6	5
316	Streamlined Catalytic Enantioselective Synthesis of $\beta$ -Substituted $\alpha,\beta$ -Unsaturated Ketones and Either of the Corresponding Tertiary Homoallylic Alcohol Diastereomers. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18200-18212	16.4	9
315	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> , <b>2020</b> , 59, 22324-22348	16.4	21
314	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> , <b>2020</b> , 132, 22508-22532	3.6	9
313	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> , <b>2019</b> , 141, 16125-16138	16.4	17
312	Catalytic Enantioselective Synthesis of Allylic Boronates Bearing a Trisubstituted Alkenyl Fluoride and Related Derivatives. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12126-12131	3.6	10
311	Catalytic Enantioselective Synthesis of Allylic Boronates Bearing a Trisubstituted Alkenyl Fluoride and Related Derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 11998-12003	16.4	33
310	Silica-Supported Molybdenum Oxo Alkylidenes: Bridging the Gap between Internal and Terminal Olefin Metathesis. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 11942-11945	3.6	2
309	Silica-Supported Molybdenum Oxo Alkylidenes: Bridging the Gap between Internal and Terminal Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 11816-11819	16.4	12

308	Ru-Based Catechothiolate Complexes Bearing an Unsaturated NHC Ligand: Effective Cross-Metathesis Catalysts for Synthesis of (Z)- $\beta,\beta$ -Unsaturated Esters, Carboxylic Acids, and Primary, Secondary, and Weinreb Amides. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 7137-7146	16.4	27
307	Racemic Vinylallenes in Catalytic Enantioselective Multicomponent Processes: Rapid Generation of Complexity through 1,6-Conjugate Additions. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2711-2717	3.6	10
306	E- and Z-, di- and tri-substituted alkenyl nitriles through catalytic cross-metathesis. <i>Nature Chemistry</i> , <b>2019</b> , 11, 478-487	17.6	32
305	Delayed catalyst function enables direct enantioselective conversion of nitriles to NH-amines. <i>Science</i> , <b>2019</b> , 364, 45-51	33.3	54
304	Traceless Protection for More Broadly Applicable Olefin Metathesis. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 5419-5424	3.6	6
303	Traceless Protection for More Broadly Applicable Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5365-5370	16.4	22
302	Frontispiece: Catalytic Enantioselective Synthesis of Allylic Boronates Bearing a Trisubstituted Alkenyl Fluoride and Related Derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58,	16.4	1
301	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> , <b>2019</b> , 141, 12087-12099	16.4	18
300	Catalytic, Enantioselective, Copper-Boryl Additions to Alkenes <b>2019</b> , 959-1056		5
299	Enantioselective Synthesis of Silyl Ethers Through Catalytic Si-O Bond Formation <b>2019</b> , 459-493		4
298	Different Strategies for Designing Dual-Catalytic Enantioselective Processes: From Fully Cooperative to Non-cooperative Systems. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17952-17961	16.4	43
297	Catalytic Enantioselective Boryl and Silyl Substitution with Trifluoromethyl Alkenes: Scope, Utility, and Mechanistic Nuances of Cu-F $\beta$ -Elimination. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19917-19934	16.4	48
296	Racemic Vinylallenes in Catalytic Enantioselective Multicomponent Processes: Rapid Generation of Complexity through 1,6-Conjugate Additions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 2685-2691	16.4	34
295	Syntheses of Molybdenum Oxo Alkylidene Complexes through Addition of Water to an Alkylidyne Complex. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2797-2800	16.4	35
294	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> , <b>2018</b> , 140, 2643-2655	16.4	95
293	Mechanism-based enhancement of scope and enantioselectivity for reactions involving a copper-substituted stereogenic carbon centre. <i>Nature Chemistry</i> , <b>2018</b> , 10, 99-108	17.6	90
292	S $^2$ -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> , <b>2018</b> , 140, 16842-16854	16.4	26
291	Syntheses of Molybdenum Oxo Benzylidene Complexes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13609-13613	16.4	21

290	□ Diastereo-, and Enantioselective Addition of MEMO-Substituted Allylboron Compounds to Aldimines Catalyzed by Organoboron-Ammonium Complexes. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11828-11835	3.6	6
289	Synthesis of High-Oxidation-State Mo <sup>VI</sup> CHX Complexes, Where X = Cl, CF, Phosphonium, CN. <i>Organometallics</i> , <b>2018</b> , 37, 1641-1644	3.8	7
288	□ Diastereo-, and Enantioselective Addition of MEMO-Substituted Allylboron Compounds to Aldimines Catalyzed by Organoboron-Ammonium Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11654-11661	16.4	18
287	Molybdenum chloride catalysts for Z-selective olefin metathesis reactions. <i>Nature</i> , <b>2017</b> , 542, 80-85	50.4	98
286	Kinetically E-selective macrocyclic ring-closing metathesis. <i>Nature</i> , <b>2017</b> , 541, 380-385	50.4	61
285	Versatile Homoallylic Boronates by Chemo-, S <sup>N</sup> 2'-, Diastereo- and Enantioselective Catalytic Sequence of Cu <sup>II</sup> Addition to Vinyl-B(pin)/Allylic Substitution. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 839-844	3.6	19
284	Synthesis of 2,6-Hexa-tert-butylterphenyl Derivatives, 2,6-(2,4,6-t-BuCH)CHX, where X = I, Li, OH, SH, N, or NH. <i>Organic Letters</i> , <b>2017</b> , 19, 2607-2609	6.2	15
283	Electronically Activated Organoboron Catalysts for Enantioselective Propargyl Addition to Trifluoromethyl Ketones. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8862-8867	3.6	11
282	Practical, efficient, and broadly applicable synthesis of readily differentiable vicinal diboronate compounds by catalytic three-component reactions. <i>Tetrahedron</i> , <b>2017</b> , 73, 5011-5017	2.4	21
281	Electronically Activated Organoboron Catalysts for Enantioselective Propargyl Addition to Trifluoromethyl Ketones. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8736-8741	16.4	26
280	Versatile Homoallylic Boronates by Chemo-, S <sup>N</sup> 2'-, Diastereo- and Enantioselective Catalytic Sequence of Cu-H Addition to Vinyl-B(pin)/Allylic Substitution. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 821-826	16.4	64
279	Synthesis of Z- or E-Trisubstituted Allylic Alcohols and Ethers by Kinetically Controlled Cross-Metathesis with a Ru Catechothiolate Complex. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15640-15643	16.4	27
278	Syntheses of Molybdenum Adamantylimido and -Butylimido Alkylidene Chloride Complexes Using HCl and Diphenylmethylphosphine. <i>Organometallics</i> , <b>2017</b> , 36, 4208-4214	3.8	15
277	Enantioselective Total Synthesis of (-)-Deoxoapodine. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13857-13860	16.4	20
276	Enantioselective Total Synthesis of (+)-Deoxoapodine. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14045-14048	3.6	4
275	Catalytic diastereo- and enantioselective additions of versatile allyl groups to N-H ketimines. <i>Nature Chemistry</i> , <b>2017</b> , 9, 1269-1275	17.6	94
274	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> , <b>2017</b> , 139, 10919-10928	16.4	46
273	Practical, Broadly Applicable, □-Selective, Z-Selective, Diastereoselective, and Enantioselective Addition of Allylboron Compounds to Mono-, Di-, Tri-, and Polyfluoroalkyl Ketones. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9053-9065	16.4	56

272	Synthesis of E- and Z-trisubstituted alkenes by catalytic cross-metathesis. <i>Nature</i> , <b>2017</b> , 552, 347-354	50.4	49
271	Activation of B-B and B-Bi Bonds and Synthesis of Organoboron and Organosilicon Compounds through Lewis Base-Catalyzed Transformations (n <sup>+</sup> -π <sup>*</sup> ) <b>2016</b> , 967-1010		5
270	Synthesis of Linear (Z)- $\beta,\beta$ -Unsaturated Esters by Catalytic Cross-Metathesis. The Influence of Acetonitrile. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 13210-13214	16.4	22
269	Synthesis of Linear (Z)- $\beta,\beta$ -Unsaturated Esters by Catalytic Cross-Metathesis. The Influence of Acetonitrile. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 13404-13408	3.6	8
268	Catalytic Enantioselective Conjugate Additions of (pin)B-Substituted Allylcopper Compounds Generated in situ from Butadiene or Isoprene. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9997-10002	16.4	25
267	Pentacoordinate Ruthenium(II) Catecholthiolate and Mercaptophenolate Catalysts for Olefin Metathesis: Anionic Ligand Exchange and Ease of Initiation. <i>Organometallics</i> , <b>2016</b> , 35, 3878-3892	3.8	34
266	Synthesis and Evaluation of Molybdenum and Tungsten Monoaryloxide Halide Alkylidene Complexes for Z-Selective Cross-Metathesis of Cyclooctene and Z-1,2-Dichloroethylene. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 15774-15783	16.4	53
265	Organoaluminum Compounds in Catalytic Enantioselective C-C Bond Forming Reactions <b>2016</b> , 1-58		1
264	Catalytic Enantioselective Conjugate Additions of (pin)B-Substituted Allylcopper Compounds Generated in situ from Butadiene or Isoprene. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 10151-10156	3.6	35
263	Catalytic S <sub>N</sub> 2'- and Enantioselective Allylic Substitution with a Diborylmethane Reagent and Application in Synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 3455-8	16.4	94
262	Lewis Acid Catalyzed Borotropic Shifts in the Design of Diastereo- and Enantioselective $\beta$ -Additions of Allylboron Moieties to Aldimines. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4779-4784	3.6	25
261	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> , <b>2016</b> , 55, 4701-6	16.4	60
260	Direct synthesis of Z-alkenyl halides through catalytic cross-metathesis. <i>Nature</i> , <b>2016</b> , 531, 459-65	50.4	122
259	Regarding a Persisting Puzzle in Olefin Metathesis with Ru Complexes: Why are Transformations of Alkenes with a Small Substituent Z-Selective?. <i>Organometallics</i> , <b>2016</b> , 35, 543-562	3.8	19
258	Practical and Broadly Applicable Catalytic Enantioselective Additions of Allyl-B(pin) Compounds to Ketones and $\beta$ -Ketoesters. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 9762-9766	3.6	16
257	Practical and Broadly Applicable Catalytic Enantioselective Additions of Allyl-B(pin) Compounds to Ketones and $\beta$ -Ketoesters. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9610-9614	16.4	51
256	Controllable ROMP Tacticity by Harnessing the Fluxionality of Stereogenic-at-Ruthenium Complexes. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 5081-5086	3.6	6
255	Catalytic S <sub>N</sub> 2'- and Enantioselective Allylic Substitution with a Diborylmethane Reagent and Application in Synthesis. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 3516-3519	3.6	35

254	Controllable ROMP Tacticity by Harnessing the Fluxionality of Stereogenic-at-Ruthenium Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4997-5002	16.4	28
253	Catalytic enantioselective addition of organoboron reagents to fluoroketones controlled by electrostatic interactions. <i>Nature Chemistry</i> , <b>2016</b> , 8, 768-77	17.6	94
252	Kinetically controlled E-selective catalytic olefin metathesis. <i>Science</i> , <b>2016</b> , 352, 569-75	33.3	84
251	Catalytic enantioselective 1,6-conjugate additions of propargyl and allyl groups. <i>Nature</i> , <b>2016</b> , 537, 387-393	33.4	99
250	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> , <b>2015</b> , 137, 8948-64	16.4	66
249	N-Substituted tertiary and O-substituted quaternary carbon stereogenic centers by site-, diastereo- and enantioselective vinylogous Mannich reactions. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 3489-3493	2	19
248	Catalyst-Controlled Stereoselective Olefin Metathesis <b>2015</b> , 503-562		11
247	Mechanism of NHC-Catalyzed Conjugate Additions of Diboron and Borosilane Reagents to $\alpha,\beta$ -Unsaturated Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 10585-602	16.4	79
246	Catalyst-controlled stereoselective olefin metathesis as a principal strategy in multistep synthesis design: a concise route to (+)-neopeltolide. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 215-20	16.4	53
245	Catalyst-Controlled Stereoselective Olefin Metathesis as a Principal Strategy in Multistep Synthesis Design: A Concise Route to (+)-Neopeltolide. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 217-222	3.6	10
244	High-value alcohols and higher-oxidation-state compounds by catalytic Z-selective cross-metathesis. <i>Nature</i> , <b>2015</b> , 517, 181-6	50.4	136
243	Synthesis of Molybdenum and Tungsten Alkylidene Complexes That Contain the 2,6-Bis(2,4,6-triisopropylphenyl)phenylimido (NHIPT) Ligand. <i>Organometallics</i> , <b>2015</b> , 34, 2110-2113	3.8	18
242	Synthesis of alternating trans-AB copolymers through ring-opening metathesis polymerization initiated by molybdenum alkylidenes. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 2239-42	16.4	26
241	A multicomponent Ni-, Zr-, and Cu-catalyzed strategy for enantioselective synthesis of alkenyl-substituted quaternary carbons. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1910-4	16.4	51
240	Evolution of catalytic stereoselective olefin metathesis: from ancillary transformation to purveyor of stereochemical identity. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 4763-92	4.2	158
239	Broadly Applicable Z- and Diastereoselective Ring-Opening/Cross-Metathesis Catalyzed by a Dithiolate Ru Complex. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1999-2003	3.6	28
238	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> , <b>2014</b> , 136, 3439-55	16.4	38
237	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> , <b>2014</b> , 136, 2149-61	16.4	85

236	Catalytic Z-selective cross-metathesis in complex molecule synthesis: a convergent stereoselective route to disorazole C1. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16136-9	16.4	57
235	Synthesis of (E)-Tetrapetalone A-Me Aglycon. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 9488-9492	3.6	17
234	Preparation of macrocyclic Z-enoates and (E,Z)- or (Z,E)-dienoates through catalytic stereoselective ring-closing metathesis. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16493-6	16.4	52
233	Synthesis of (E)-tetrapetalone A-Me aglycon. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 9334-86.4	16.4	45
232	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> , <b>2014</b> , 136, 11304-7	16.4	165
231	Synthesis of Tungsten Imido Alkylidene Complexes that Contain an Electron-Withdrawing Imido Ligand. <i>Organometallics</i> , <b>2014</b> , 33, 5342-5348	3.8	13
230	Reactivity and selectivity differences between catecholates and catecholato Ru complexes. Implications regarding design of stereoselective olefin metathesis catalysts. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 14337-40	16.4	56
229	Multifunctional organoboron compounds for scalable natural product synthesis. <i>Nature</i> , <b>2014</b> , 513, 367-368	16.4	165
228	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> , <b>2014</b> , 53, 3387-91	16.4	82
227	Catalytic enantioselective protoboration of disubstituted allenes. Access to alkenylboron compounds in high enantiomeric purity. <i>Organic Letters</i> , <b>2014</b> , 16, 4658-61	6.2	67
226	NHC-Cu-catalyzed addition of propargylboron reagents to phosphinoylimines. Enantioselective synthesis of trimethylsilyl-substituted homoallenylamides and application to the synthesis of S(-)-cyclooridin. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 3362-5	16.4	47
225	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> , <b>2014</b> , 136, 3780-3	16.4	50
224	A Multicomponent Ni-, Zr-, and Cu-Catalyzed Strategy for Enantioselective Synthesis of Alkenyl-Substituted Quaternary Carbons. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1941-1945	3.6	10
223	Enantioselective Synthesis of Boron-Substituted Quaternary Carbon Stereogenic Centers through NHC-Catalyzed Conjugate Additions of (Pinacolato)boron Units to Enones. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 3455-3459	3.6	35
222	Broadly applicable Z- and diastereoselective ring-opening/cross-metathesis catalyzed by a dithiolate Ru complex. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1968-72	16.4	91
221	Synthesis of Molybdenum and Tungsten Alkylidene Complexes That Contain Sterically Demanding Arenethiolate Ligands. <i>Organometallics</i> , <b>2014</b> , 33, 5334-5341	3.8	23
220	Synthesis of High Oxidation State Molybdenum Imido Heteroatom-Substituted Alkylidene Complexes. <i>Organometallics</i> , <b>2013</b> , 32, 4612-4617	3.8	35
219	Catalytic Z-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> , <b>2013</b> , 52, 8395-400	16.4	46

218	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> , <b>2013</b> , 52, 7694-9	16.4	64
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216	Enantioselective silyl protection of alcohols promoted by a combination of chiral and achiral Lewis basic catalysts. <i>Nature Chemistry</i> , <b>2013</b> , 5, 768-74	17.6	59
215	Molybdenum-based complexes with two aryloxides and a pentafluoroimido ligand: catalysts for efficient Z-selective synthesis of a macrocyclic trisubstituted alkene by ring-closing metathesis. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 1939-43	16.4	73
214	Simple organic molecules as catalysts for enantioselective synthesis of amines and alcohols. <i>Nature</i> , <b>2013</b> , 494, 216-21	50.4	177
213	NHC-Cu-catalyzed protoboration of monosubstituted allenes. Ligand-controlled site selectivity, application to synthesis and mechanism. <i>Organic Letters</i> , <b>2013</b> , 15, 1414-7	6.2	91
212	Cu-catalyzed chemoselective preparation of 2-(pinacolato)boron-substituted allylcopper complexes and their in situ site-, diastereo-, and enantioselective additions to aldehydes and ketones. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 5046-51	16.4	172
211	Synthesis of Z-(pinacolato)allylboron and Z-(pinacolato)alkenylboron compounds through stereoselective catalytic cross-metathesis. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 6026-9	16.4	104
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207	Catalytic Z-Selective Cross-Metathesis with Secondary Silyl- and Benzyl-Protected Allylic Ethers: Mechanistic Aspects and Applications to Natural Product Synthesis. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 8553-8558 <sup>12</sup>	3.6	9
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