

Richard Royce Schrock

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.

381
papers

32,008
citations

94
h-index

160
g-index

407
ext. papers

34,539
ext. citations

9.9
avg, IF

7.55
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 381 | Group 6 High Oxidation State Alkylidene and Alkylidyne Complexes 2021 , | | 1 |
| 380 | Interconversion of Molybdenum or Tungsten d Styrene Complexes with d 1-Phenethylidene Analogues. <i>Journal of the American Chemical Society</i> , 2021 , 143, 17209-17218 | 16.4 | 1 |
| 379 | Stereochemical Control Yields Mucin Mimetic Polymers. <i>ACS Central Science</i> , 2021 , 7, 624-630 | 16.8 | 6 |
| 378 | Oxo 2-Adamantylidene Complexes of Mo(VI) and W(VI). <i>Organometallics</i> , 2021 , 40, 838-842 | 3.8 | 5 |
| 377 | Boosting the Metathesis Activity of Molybdenum Oxo Alkylidenes by Tuning the Anionic Ligand \square Donation. <i>Inorganic Chemistry</i> , 2021 , 60, 6875-6880 | 5.1 | 3 |
| 376 | Synthesis of Molybdenum Perfluorophenylimido 2-Adamantylidene Complexes. <i>Organometallics</i> , 2021 , 40, 463-466 | 3.8 | 5 |
| 375 | Synthesis of Cationic Molybdenum Imido 2-Adamantylidene Complexes from Bispyrrolides via Cationic Pyrrolidine Complexes. <i>Organometallics</i> , 2021 , 40, 3050-3055 | 3.8 | 1 |
| 374 | Synthesis of Molybdenum Imido 2-Adamantylidene Complexes through H^+ -Hydrogen Abstraction. <i>Organometallics</i> , 2020 , 39, 2304-2308 | 3.8 | 6 |
| 373 | Syntheses of Phosphine-Free Molybdenum Oxo Alkylidene Complexes through Addition of Water to Alkylidyne Complexes. <i>Organometallics</i> , 2020 , 39, 2486-2492 | 3.8 | 9 |
| 372 | Molybdenum Disubstituted Alkylidene Complexes. <i>Organometallics</i> , 2020 , 39, 658-661 | 3.8 | 5 |
| 371 | Syntheses of Molybdenum and Tungsten Imido Alkylidene Complexes that Contain a Bidentate Oxo/Thiolato Ligand. <i>Helvetica Chimica Acta</i> , 2020 , 103, e2000068 | 2 | 2 |
| 370 | Silica-Supported Molybdenum Oxo Alkylidenes: Bridging the Gap between Internal and Terminal Olefin Metathesis. <i>Angewandte Chemie</i> , 2019 , 131, 11942-11945 | 3.6 | 2 |
| 369 | Silica-Supported Molybdenum Oxo Alkylidenes: Bridging the Gap between Internal and Terminal Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11816-11819 | 16.4 | 12 |
| 368 | E- and Z-, di- and tri-substituted alkenyl nitriles through catalytic cross-metathesis. <i>Nature Chemistry</i> , 2019 , 11, 478-487 | 17.6 | 32 |
| 367 | Traceless Protection for More Broadly Applicable Olefin Metathesis. <i>Angewandte Chemie</i> , 2019 , 131, 5419-5424 | 3.6 | 6 |
| 366 | Traceless Protection for More Broadly Applicable Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5365-5370 | 16.4 | 22 |
| 365 | Protonation Studies of Molybdenum(VI) Nitride Complexes That Contain the [2,6-(ArNCH)NCH] Ligand (Ar = 2,6-Diisopropylphenyl). <i>Inorganic Chemistry</i> , 2019 , 58, 3724-3731 | 5.1 | 4 |

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| 364 | Synthesis of Tungsten Oxo Alkylidene Biphenolate Complexes and Ring-Opening Metathesis Polymerization of Norbornenes and Norbornadienes. <i>Organometallics</i> , 2019 , 38, 3144-3150 | 3.8 | 5 |
| 363 | Synthesis of Molybdenum(VI) Neopentylidene Neopentylidyne Complexes. <i>Organometallics</i> , 2019 , 38, 2888-2891 | 3.8 | 2 |
| 362 | Syntheses of Molybdenum Oxo Alkylidene Complexes through Addition of Water to an Alkylidyne Complex. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2797-2800 | 16.4 | 35 |
| 361 | Molybdenum Complexes that Contain a Calix[6]azacryptand Ligand as Catalysts for Reduction of N to Ammonia. <i>Inorganic Chemistry</i> , 2018 , 57, 15566-15574 | 5.1 | 7 |
| 360 | Syntheses of Molybdenum Oxo Benzylidene Complexes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13609-13613 | 16.4 | 21 |
| 359 | Syntheses of Molybdenum(VI) Imido Alkylidene Complexes That Contain a Bidentate Dithiolate Ligand. <i>Organometallics</i> , 2018 , 37, 4024-4030 | 3.8 | 4 |
| 358 | Synthesis of High-Oxidation-State Mo?CHX Complexes, Where X = Cl, CF, Phosphonium, CN. <i>Organometallics</i> , 2018 , 37, 1641-1644 | 3.8 | 7 |
| 357 | Beyond fossil fuel-driven nitrogen transformations. <i>Science</i> , 2018 , 360, | 33.3 | 772 |
| 356 | Molybdenum chloride catalysts for Z-selective olefin metathesis reactions. <i>Nature</i> , 2017 , 542, 80-85 | 50.4 | 98 |
| 355 | Kinetically E-selective macrocyclic ring-closing metathesis. <i>Nature</i> , 2017 , 541, 380-385 | 50.4 | 61 |
| 354 | Formation of High-Oxidation-State Metal-Carbon Double Bonds. <i>Organometallics</i> , 2017 , 36, 1884-1892 | 3.8 | 40 |
| 353 | 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> , 2017 , 19, 2607-2609 | 6.2 | 15 |
| 352 | Reduction of Dinitrogen to Ammonia Catalyzed by Molybdenum Diamido Complexes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9132-9135 | 16.4 | 101 |
| 351 | EPR/ENDOR and Theoretical Study of the Jahn-Teller-Active [HIPTNN]MoL Complexes (L = N, NH). <i>Inorganic Chemistry</i> , 2017 , 56, 6906-6919 | 5.1 | 11 |
| 350 | Synthesis of cis,syndiotactic-A-alt-B Copolymers from Enantiomerically Pure Endo-2-Substituted-5,6-Norbornenes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5043-5046 | 16.4 | 17 |
| 349 | Evaluation of Several Molybdenum and Ruthenium Catalysts for the Metathesis Homocoupling of 3-Methyl-1-Butene. <i>Helvetica Chimica Acta</i> , 2017 , 100, e1700181 | 2 | 4 |
| 348 | Syntheses of Molybdenum Adamantylimido and -Butylimido Alkylidene Chloride Complexes Using HCl and Diphenylmethylphosphine. <i>Organometallics</i> , 2017 , 36, 4208-4214 | 3.8 | 15 |
| 347 | Synthesis of E- and Z-trisubstituted alkenes by catalytic cross-metathesis. <i>Nature</i> , 2017 , 552, 347-354 | 50.4 | 49 |

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| 346 | Synthesis of Linear (Z)-Unsaturated Esters by Catalytic Cross-Metathesis. The Influence of Acetonitrile. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13210-13214 | 16.4 | 22 |
| 345 | Synthesis of Linear (Z)-Unsaturated Esters by Catalytic Cross-Metathesis. The Influence of Acetonitrile. <i>Angewandte Chemie</i> , 2016 , 128, 13404-13408 | 3.6 | 8 |
| 344 | 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> , 2016 , 138, 15774-15783 | 16.4 | 53 |
| 343 | A DFT study of the role of water in the rhodium-catalyzed hydrogenation of acetone. <i>Chemical Communications</i> , 2016 , 52, 13881-13884 | 5.8 | 15 |
| 342 | Calix[6]azacryptand Ligand with a Sterically Protected Tren-Based Coordination Site for Metal Ions. <i>Organic Letters</i> , 2016 , 18, 1570-3 | 6.2 | 14 |
| 341 | Direct synthesis of Z-alkenyl halides through catalytic cross-metathesis. <i>Nature</i> , 2016 , 531, 459-65 | 50.4 | 122 |
| 340 | Molybdenum and Tungsten Alkylidene and Metallacyclobutane Complexes That Contain a Dianionic Biphenolate Pincer Ligand. <i>Organometallics</i> , 2016 , 35, 758-761 | 3.8 | 20 |
| 339 | Kinetically controlled E-selective catalytic olefin metathesis. <i>Science</i> , 2016 , 352, 569-75 | 33.3 | 84 |
| 338 | Molybdenum and Tungsten Alkylidene Complexes That Contain a 2-Pyridyl-Substituted Phenoxide Ligand. <i>Organometallics</i> , 2016 , 35, 3587-3593 | 3.8 | 13 |
| 337 | Synthesis of A-B Copolymers from Two Enantiomerically Pure -2,3-Disubstituted-5,6-Norbornenes. <i>ACS Central Science</i> , 2016 , 2, 631-636 | 16.8 | 18 |
| 336 | Proof of Tacticity of Stereoregular ROMP Polymers through Post Polymerization Modification. <i>Macromolecules</i> , 2015 , 48, 3148-3152 | 5.5 | 33 |
| 335 | Stereospecific Ring-Opening Metathesis Polymerization (ROMP) of endo-Dicyclopentadiene by Molybdenum and Tungsten Catalysts. <i>Macromolecules</i> , 2015 , 48, 2480-2492 | 5.5 | 58 |
| 334 | Stereoselective Ring-Opening Metathesis Polymerization (ROMP) of Methyl-N-(1-phenylethyl)-2-azabicyclo[2.2.1]hept-5-ene-3-carboxylate by Molybdenum and Tungsten Initiators. <i>Macromolecules</i> , 2015 , 48, 2006-2012 | 5.5 | 20 |
| 333 | High-Oxidation State Molybdenum and Tungsten Complexes Relevant to Olefin Metathesis 2015 , 1-32 | 5 | |
| 332 | Stereospecific Ring-Opening Metathesis Polymerization (ROMP) of Norbornene and Tetracyclododecene by Mo and W Initiators. <i>Macromolecules</i> , 2015 , 48, 2493-2503 | 5.5 | 54 |
| 331 | Formation of Alternating trans-A-alt-B Copolymers through Ring-Opening Metathesis Polymerization Initiated by Molybdenum Imido Alkylidene Complexes. <i>Organometallics</i> , 2015 , 34, 5136-5145 | 3.8 | 19 |
| 330 | Synthesis of Molybdenum and Tungsten Alkylidene Complexes that Contain a tert-Butylimido Ligand. <i>Organometallics</i> , 2015 , 34, 4408-4418 | 3.8 | 21 |
| 329 | Catalyst-Controlled Stereoselective Olefin Metathesis as a Principal Strategy in Multistep Synthesis Design: A Concise Route to (+)-Neopeltolide. <i>Angewandte Chemie</i> , 2015 , 127, 217-222 | 3.6 | 10 |

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| 328 | Metathesis by Molybdenum and Tungsten Catalysts. <i>Chimia</i> , 2015 , 69, 388-92 | 1.3 | 14 |
| 327 | The discovery of Mo(III) in FeMoco: reuniting enzyme and model chemistry. <i>Journal of Biological Inorganic Chemistry</i> , 2015 , 20, 447-60 | 3.7 | 63 |
| 326 | 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 | 3.8 | 18 |
| 325 | Synthesis of alternating trans-AB copolymers through ring-opening metathesis polymerization initiated by molybdenum alkylidenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2239-42 | 16.4 | 26 |
| 324 | Tungsten Oxo Alkylidene Complexes as Initiators for the Stereoregular Polymerization of 2,3-Dicarbomethoxynorbornadiene. <i>Organometallics</i> , 2014 , 33, 2313-2325 | 3.8 | 40 |
| 323 | Catalytic Z-selective cross-metathesis in complex molecule synthesis: a convergent stereoselective route to disorazole C1. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16136-9 | 16.4 | 57 |
| 322 | 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> , 2014 , 136, 16493-6 | 16.4 | 52 |
| 321 | Stereospecific ring-opening metathesis polymerization of norbornadienes employing tungsten oxo alkylidene initiators. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10910-3 | 16.4 | 40 |
| 320 | A One-Pot Tandem Olefin Isomerization/Metathesis-Coupling (ISOMET) Reaction. <i>ACS Catalysis</i> , 2014 , 4, 3069-3076 | 13.1 | 39 |
| 319 | Synthesis of Tungsten Imido Alkylidene Complexes that Contain an Electron-Withdrawing Imido Ligand. <i>Organometallics</i> , 2014 , 33, 5342-5348 | 3.8 | 13 |
| 318 | Synthesis of stereoregular polymers through ring-opening metathesis polymerization. <i>Accounts of Chemical Research</i> , 2014 , 47, 2457-66 | 24.3 | 163 |
| 317 | Bulky Aryloxide Ligand Stabilizes a Heterogeneous Metathesis Catalyst. <i>Angewandte Chemie</i> , 2014 , 126, 14445-14448 | 3.6 | 21 |
| 316 | Tungsten Benzylidene Complexes. <i>Inorganic Syntheses</i> , 2014 , 134-138 | | |
| 315 | Synthesis of Molybdenum and Tungsten Alkylidene Complexes That Contain Sterically Demanding Arenethiolate Ligands. <i>Organometallics</i> , 2014 , 33, 5334-5341 | 3.8 | 23 |
| 314 | Bulky aryloxide ligand stabilizes a heterogeneous metathesis catalyst. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 14221-4 | 16.4 | 46 |
| 313 | Synthesis of High Oxidation State Molybdenum Imido Heteroatom-Substituted Alkylidene Complexes. <i>Organometallics</i> , 2013 , 32, 4612-4617 | 3.8 | 35 |
| 312 | 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> , 2013 , 52, 8395-400 | 16.4 | 46 |
| 311 | Catalytic synthesis of n-alkyl arenes through alkyl group cross-metathesis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12572-5 | 16.4 | 50 |

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| 310 | Synthesis and ROMP Chemistry of Decafluoroterphenoxide Molybdenum Imido Alkylidene and Ethylene Complexes. <i>Organometallics</i> , 2013 , 32, 2983-2992 | 3.8 | 31 |
| 309 | Efficient and selective formation of macrocyclic disubstituted Z 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, 2726-40 | 4.8 | 99 |
| 308 | Synthesis of Methylidene Complexes that Contain a 2,6-Dimesitylphenylimido Ligand and Ethenolysis of 2,3-Dicarbomethoxynorbornadiene. <i>Organometallics</i> , 2013 , 32, 5573-5580 | 3.8 | 22 |
| 307 | Rational Design of Highly Active Hybrid Phosphine-Phosphinite Pincer Iridium Catalysts for Alkane Metathesis. <i>ACS Catalysis</i> , 2013 , 3, 2505-2514 | 13.1 | 53 |
| 306 | A well-defined silica-supported tungsten oxo alkylidene is a highly active alkene metathesis catalyst. <i>Journal of the American Chemical Society</i> , 2013 , 135, 19068-70 | 16.4 | 68 |
| 305 | Z-Selective Ring-Opening Metathesis Polymerization of 3-Substituted Cyclooctenes by Monoaryloxide Pyrrolide Imido Alkylidene (MAP) Catalysts of Molybdenum and Tungsten. <i>Organometallics</i> , 2013 , 32, 4843-4850 | 3.8 | 51 |
| 304 | 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> , 2013 , 52, 1939-43 | 16.4 | 73 |
| 303 | Synthesis of Z-(pinacolato)allylboron and Z-(pinacolato)alkenylboron compounds through stereoselective catalytic cross-metathesis. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6026-9 | 16.4 | 104 |
| 302 | Alkyne metathesis by molybdenum and tungsten alkylidene complexes. <i>Chemical Communications</i> , 2013 , 49, 5529-31 | 5.8 | 62 |
| 301 | Monoaryloxide Pyrrolide (MAP) Imido Alkylidene Complexes of Molybdenum and Tungsten That Contain 2,6-Bis(2,5-R-pyrrolyl)phenoxyde (R = i-Pr, Ph) Ligands and an Unsubstituted Metallacyclobutane on Its Way to Losing Ethylene. <i>Organometallics</i> , 2013 , 32, 2489-2492 | 3.8 | 29 |
| 300 | B(C ₆ F ₅) ₃ Activation of Oxo Tungsten Complexes That Are Relevant to Olefin Metathesis. <i>Organometallics</i> , 2013 , 32, 5256-5259 | 3.8 | 34 |
| 299 | Molybdenum and Tungsten Monoalkoxide Pyrrolide (MAP) Alkylidene Complexes That Contain a 2,6-Dimesitylphenylimido Ligand. <i>Organometallics</i> , 2013 , 32, 2373-2378 | 3.8 | 26 |
| 298 | Synthesis of a TREN in which the aryl substituents are part of a 45 atom macrocycle. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15338-41 | 16.4 | 22 |
| 297 | 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> , 2013 , 125, 8553 ¹⁶ -8558 ¹² | | |
| 296 | Molybdenum-Based Complexes with Two Aryloxides and a Pentafluoroimido Ligand: Catalysts for Efficient Z-Selective Synthesis of a Macroyclic Trisubstituted Alkene by Ring-Closing Metathesis. <i>Angewandte Chemie</i> , 2013 , 125, 1993-1997 | 3.6 | 26 |
| 295 | Enol ethers as substrates for efficient Z- 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, 2788-99 | 16.4 | 87 |
| 294 | Syntheses of Tungsten tert-Butylimido and Adamantylimido Alkylidene Complexes Employing Pyridinium Chloride As the Acid. <i>Organometallics</i> , 2012 , 31, 6522-6525 | 3.8 | 24 |
| 293 | Molybdenum Monoaryloxide Pyrrolide Alkylidene Complexes That Contain Mono-ortho-substituted Phenyl Imido Ligands. <i>Organometallics</i> , 2012 , 31, 2388-2394 | 3.8 | 12 |

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|-----|---|------|-----|
| 292 | An electrochemical investigation of intermediates and processes involved in the catalytic reduction of dinitrogen by [HIPTN3N]Mo (HIPTN3N = (3,5-(2,4,6-i-Pr ₃ C ₆ H ₂) ₂ C ₆ H ₃ NCH ₂ CH ₂) ₃ N). <i>Dalton Transactions</i> , 2012 , 41, 130-7 | 4.3 | 42 |
| 291 | Synthesis of Tungsten Oxo Alkylidene Complexes. <i>Organometallics</i> , 2012 , 31, 7278-7286 | 3.8 | 61 |
| 290 | Syntheses of Variations of Stereogenic-at-Metal Imido Alkylidene Complexes of Molybdenum. <i>Organometallics</i> , 2012 , 31, 6336-6343 | 3.8 | 12 |
| 289 | Z-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, 11334-7 | 16.4 | 71 |
| 288 | Pentafluorophenylimido Alkylidene Complexes of Molybdenum and Tungsten. <i>Organometallics</i> , 2012 , 31, 4650-4653 | 3.8 | 29 |
| 287 | Five-Coordinate Rearrangements of Metallacyclobutane Intermediates during Ring-Opening Metathesis Polymerization of 2,3-Dicarboalkoxynorbornenes by Molybdenum and Tungsten Monoalkoxide Pyrrolide Initiators. <i>Organometallics</i> , 2012 , 31, 6231-6243 | 3.8 | 49 |
| 286 | Cleavage of dinitrogen to yield a (t-BuPOCOP)molybdenum(IV) nitride. <i>Chemical Communications</i> , 2012 , 48, 1851-3 | 5.8 | 120 |
| 285 | Bipyridine Adducts of Molybdenum Imido Alkylidene and Imido Alkylydyne Complexes. <i>Organometallics</i> , 2012 , 31, 4558-4564 | 3.8 | 23 |
| 284 | Z-Selective olefin metathesis reactions promoted by tungsten oxo alkylidene complexes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20754-7 | 16.4 | 112 |
| 283 | Synthesis of macrocyclic natural products by catalyst-controlled stereoselective ring-closing metathesis. <i>Nature</i> , 2011 , 479, 88-93 | 50.4 | 191 |
| 282 | Synthesis of stereoregular ROMP polymers using molybdenum and tungsten imido alkylidene initiators. <i>Dalton Transactions</i> , 2011 , 40, 7484-95 | 4.3 | 116 |
| 281 | Synthesis of molybdenum alkylidene complexes that contain the 2,6-dimesitylphenylimido ligand. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18142-4 | 16.4 | 28 |
| 280 | Synthesis of cis,syndiotactic ROMP polymers containing alternating enantiomers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1784-6 | 16.4 | 111 |
| 279 | Room Temperature Z-Selective Homocoupling of Olefins by Tungsten Catalysts. <i>Organometallics</i> , 2011 , 30, 1780-1782 | 3.8 | 87 |
| 278 | Endo-selective enyne ring-closing metathesis promoted by stereogenic-at-W mono-pyrrolide complexes. <i>Organic Letters</i> , 2011 , 13, 784-7 | 6.2 | 37 |
| 277 | Catalytic Z-selective olefin cross-metathesis for natural product synthesis. <i>Nature</i> , 2011 , 471, 461-6 | 50.4 | 315 |
| 276 | Preparation of Tungsten-Based Olefin Metathesis Catalysts Supported on Alumina. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1985-1992 | 5.6 | 18 |
| 275 | Protonation of the dinitrogen-reduction catalyst [HIPTN3N]Mo(III) investigated by ENDOR spectroscopy. <i>Inorganic Chemistry</i> , 2011 , 50, 418-20 | 5.1 | 32 |

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|-----|---|------|-----|
| 274 | Synthesis of [(DPPNCH ₂ CH ₂) ₃ N]3-molybdenum complexes (DPP = 3,5-(2,5-Diisopropylpyrrolyl)2C ₆ H ₃) and studies relevant to catalytic reduction of dinitrogen. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8349-58 | 16.4 | 48 |
| 273 | Formation of {[HIPTN(3)N]Mo(III)H}(-) by heterolytic cleavage of H(2) as established by EPR and ENDOR spectroscopy. <i>Inorganic Chemistry</i> , 2010 , 49, 704-13 | 5.1 | 31 |
| 272 | Experimental and theoretical EPR study of Jahn-Teller-active [HIPTN(3)N]MoL complexes (L = N(2), CO, NH(3)). <i>Journal of the American Chemical Society</i> , 2010 , 132, 8645-56 | 16.4 | 50 |
| 271 | Z-Selective and Syndioselective Ring-Opening Metathesis Polymerization (ROMP) Initiated by MonoAryloxidePyrrolide (MAP) Catalysts. <i>Macromolecules</i> , 2010 , 43, 7515-7522 | 5.5 | 98 |
| 270 | Simple Molybdenum(IV) Olefin Complexes of the Type Mo(NR)(X)(Y)(olefin). <i>Organometallics</i> , 2010 , 29, 6816-6828 | 3.8 | 32 |
| 269 | Synthesis and reactivity of molybdenum imido alkylidene bis-pyrazolide complexes. <i>Dalton Transactions</i> , 2010 , 39, 8547-51 | 4.3 | 16 |
| 268 | Fundamental Studies of Molybdenum and Tungsten Methyldene and Metallacyclobutane Complexes. <i>Organometallics</i> , 2010 , 29, 5241-5251 | 3.8 | 57 |
| 267 | Catalytic Reduction of Dinitrogen to Ammonia by Molybdenum 2010 , 25-50 | 5 | |
| 266 | Well-defined silica-supported Mo-alkylidene catalyst precursors containing one or substituent: methods of preparation and structure-reactivity relationship in alkene metathesis. <i>Chemistry - A European Journal</i> , 2009 , 15, 5083-9 | 4.8 | 51 |
| 265 | Enantioselective synthesis of P-stereogenic phosphinates and phosphine oxides by molybdenum-catalyzed asymmetric ring-closing metathesis. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 762-6 | 16.4 | 96 |
| 264 | Evaluation of Molybdenum and Tungsten Metathesis Catalysts for Homogeneous Tandem Alkane Metathesis. <i>Organometallics</i> , 2009 , 28, 355-360 | 3.8 | 70 |
| 263 | Recent advances in high oxidation state Mo and W imido alkylidene chemistry. <i>Chemical Reviews</i> , 2009 , 109, 3211-26 | 68.1 | 343 |
| 262 | Synthesis and optical spectroscopy of oligo(1,6-heptadiynes) with a single basic structure prepared through adamantlylido-based molybdenum Wittig and metathesis chemistry. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13441-52 | 16.4 | 15 |
| 261 | Alkylation of dinitrogen in [(HIPTNCH(2)CH(2))(3)N]Mo complexes (HIPT = 3,5-(2,4,6-i-Pr(3)C(6)H(2))(2)C(6)H(3)). <i>Journal of the American Chemical Society</i> , 2009 , 131, 12829-37 | 16.4 | 13 |
| 260 | 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, 943-53 | 16.4 | 152 |
| 259 | Inversion of configuration at the metal in diastereomeric imido alkylidene monoaryloxide monopyrrolide complexes of molybdenum. <i>Journal of the American Chemical Society</i> , 2009 , 131, 58-9 | 16.4 | 56 |
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| 141 | Evaluation of Enantiomerically Pure Binaphthol-Based Molybdenum Catalysts for Asymmetric Olefin Metathesis Reactions that Contain 3,3 <i>D</i> Diphenyl- or 3,3 <i>D</i> Dimesityl-Substituted Binaphtholate Ligands. Generation and Decomposition of Unsubstituted Molybdacyclobutane Complexes. <i>Organometallics</i> , 2001 , 20, 5610-5619 | 3.8 | 53 |
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| 133 | Synthesis of $[(\text{Me}_3\text{SiNCH}_2\text{CH}_2)_3\text{N}]_3$ -and $[(\text{C}_6\text{F}_5\text{NCH}_2\text{CH}_2)_3\text{N}]_3$ -Complexes of Molybdenum and Tungsten That Contain CO, Isocyanides, or Ethylene. <i>Organometallics</i> , 2000 , 19, 1132-1149 | 3.8 | 36 |
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