

Erick Moran Carreira

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373
papers

26,381
citations

92
h-index

147
g-index

534
ext. papers

29,188
ext. citations

10.1
avg, IF

7.7
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 373 | Directed reduction of .beta.-hydroxy ketones employing tetramethylammonium triacetoxyborohydride. <i>Journal of the American Chemical Society</i> , 1988 , 110, 3560-3578 | 16.4 | 833 |
| 372 | Enantio- and diastereodivergent dual catalysis: β -allylation of branched aldehydes. <i>Science</i> , 2013 , 340, 1065-8 | 33.3 | 599 |
| 371 | Facile Enantioselective Synthesis of Propargylic Alcohols by Direct Addition of Terminal Alkynes to Aldehydes. <i>Journal of the American Chemical Society</i> , 2000 , 122, 1806-1807 | 16.4 | 523 |
| 370 | Chiral olefins as steering ligands in asymmetric catalysis. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4482-502 | 16.4 | 465 |
| 369 | A simple, mild, catalytic, enantioselective addition of terminal acetylenes to aldehydes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 9687-8 | 16.4 | 418 |
| 368 | Arynes and cyclohexyne in natural product synthesis. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3766-78 | 16.4 | 402 |
| 367 | Readily available [2.2.2]-bicyclooctadienes as new chiral ligands for Ir(I): catalytic, kinetic resolution of allyl carbonates. <i>Journal of the American Chemical Society</i> , 2004 , 126, 1628-9 | 16.4 | 391 |
| 366 | The discovery of novel reactivity in the development of C-C bond-forming reactions: in situ generation of zinc acetylides with Zn(II)/R(3)N. <i>Accounts of Chemical Research</i> , 2000 , 33, 373-81 | 24.3 | 377 |
| 365 | Iridium-catalyzed synthesis of primary allylic amines from allylic alcohols: sulfamic acid as ammonia equivalent. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3139-43 | 16.4 | 344 |
| 364 | Four-membered ring-containing spirocycles: synthetic strategies and opportunities. <i>Chemical Reviews</i> , 2014 , 114, 8257-322 | 68.1 | 336 |
| 363 | Readily available biaryl P,N ligands for asymmetric catalysis. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5971-3 | 16.4 | 316 |
| 362 | Hydrazines and azides via the metal-catalyzed hydrohydrazination and hydroazidation of olefins. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11693-712 | 16.4 | 312 |
| 361 | Oxetanes as versatile elements in drug discovery and synthesis. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9052-67 | 16.4 | 295 |
| 360 | Cyclopropanation Strategies in Recent Total Syntheses. <i>Chemical Reviews</i> , 2017 , 117, 11651-11679 | 68.1 | 284 |
| 359 | Stereodivergent β -allylation of linear aldehydes with dual iridium and amine catalysis. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3020-3 | 16.4 | 281 |
| 358 | Oxetanes in drug discovery: structural and synthetic insights. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 3227-46 | 8.3 | 280 |
| 357 | Chiral [2.2.2] dienes as ligands for Rh(I) in conjugate additions of boronic acids to a wide range of acceptors. <i>Organic Letters</i> , 2004 , 6, 3873-6 | 6.2 | 258 |

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|-----|---|------|-----|
| 356 | Total synthesis of (-)-spirotryprostatin B: synthesis and related studies. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11505-15 | 16.4 | 250 |
| 355 | Asymmetric synthesis of 3,3-diarylpropanals with chiral diene-rhodium catalysts. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10850-1 | 16.4 | 246 |
| 354 | Total Synthesis of Bryostatins 2. <i>Journal of the American Chemical Society</i> , 1999 , 121, 7540-7552 | 16.4 | 241 |
| 353 | Stereodivergence in Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5627-5638 | 16.4 | 240 |
| 352 | Conformationally restricted aza-bodipy: a highly fluorescent, stable, near-infrared-absorbing dye. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1677-9 | 16.4 | 239 |
| 351 | Catalytic, Enantioselective Aldol Additions with Methyl and Ethyl Acetate O-Silyl Enolates: A Chiral Tridentate Chelate as a Ligand for Titanium(IV). <i>Journal of the American Chemical Society</i> , 1994 , 116, 8837-8838 | 16.4 | 237 |
| 350 | Apparent Catalytic Generation of Chiral Metal Enolates: Enantioselective Dienolate Additions to Aldehydes Mediated by Tol-BINAP[Cu(II) Fluoride Complexes. <i>Journal of the American Chemical Society</i> , 1998 , 120, 837-838 | 16.4 | 235 |
| 349 | Direct addition of TMS-acetylene to aldimines catalyzed by a simple, commercially available Ir(I) complex. <i>Organic Letters</i> , 2001 , 3, 4319-21 | 6.2 | 233 |
| 348 | Efficient enantioselective additions of terminal alkynes and aldehydes under operationally convenient conditions. <i>Organic Letters</i> , 2002 , 4, 2605-6 | 6.2 | 226 |
| 347 | Iron-catalyzed cyclopropanation with trifluoroethylamine hydrochloride and olefins in aqueous media: in situ generation of trifluoromethyl diazomethane. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 938-41 | 16.4 | 222 |
| 346 | Conformationally restricted aza-BODIPY: highly fluorescent, stable near-infrared absorbing dyes. <i>Chemistry - A European Journal</i> , 2006 , 12, 7254-63 | 4.8 | 222 |
| 345 | Catalytic in Situ Generation of Zn(II)-Alkynilides under Mild Conditions: A Novel CN Addition Process Utilizing Terminal Acetylenes. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11245-11246 | 16.4 | 207 |
| 344 | Iridium-catalyzed enantioselective allylic vinylation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 994-7 | 16.4 | 203 |
| 343 | Cobalt-catalyzed hydroazidation of olefins: convenient access to alkyl azides. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8294-5 | 16.4 | 195 |
| 342 | Oxetanes as promising modules in drug discovery. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7736-9 | 16.4 | 177 |
| 341 | Direct, enantioselective iridium-catalyzed allylic amination of racemic allylic alcohols. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3470-3 | 16.4 | 175 |
| 340 | Enantioselective Chemo- and Biocatalysis: Partners in Retrosynthesis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8942-8973 | 16.4 | 172 |
| 339 | Iridium-catalyzed enantioselective polyene cyclization. <i>Journal of the American Chemical Society</i> , 2012 , 134, 20276-8 | 16.4 | 172 |

- 338 Cobalt-catalyzed coupling of alkyl iodides with alkenes: deprotonation of hydridocobalt enables turnover. *Angewandte Chemie - International Edition*, **2011**, 50, 11125-8 16.4 170
- 337 Catalytic, Enantioselective Acetone Aldol Additions with 2-Methoxypropene. *Journal of the American Chemical Society*, **1995**, 117, 3649-3650 16.4 170
- 336 Mild cobalt-catalyzed hydrocyanation of olefins with tosyl cyanide. *Angewandte Chemie - International Edition*, **2007**, 46, 4519-22 16.4 168
- 335 Catalytic, enantioselective, conjugate alkyne addition. *Journal of the American Chemical Society*, **2005**, 127, 9682-3 16.4 168
- 334 Enantioselective cobalt-catalyzed preparation of trifluoromethyl-substituted cyclopropanes. *Angewandte Chemie - International Edition*, **2011**, 50, 1101-4 16.4 161
- 333 Enantioselective addition of 2-methyl-3-butyn-2-ol to aldehydes: preparation of 3-hydroxy-1-butyne. *Organic Letters*, **2000**, 2, 4233-6 6.2 160
- 332 Thiazolylalanine-derived catalysts for enantioselective intermolecular aldehyde-imine cross-couplings. *Journal of the American Chemical Society*, **2005**, 127, 1654-5 16.4 157
- 331 Spirocyclic oxetanes: synthesis and properties. *Angewandte Chemie - International Edition*, **2008**, 47, 4512-4 16.4 156
- 330 Synthesis of azaspirocycles and their evaluation in drug discovery. *Angewandte Chemie - International Edition*, **2010**, 49, 3524-7 16.4 155
- 329 Stereodivergent Dual Catalytic β -Allylation of Protected β -Amino- and β -Hydroxyacetaldehydes. *Angewandte Chemie - International Edition*, **2015**, 54, 14363-7 16.4 154
- 328 Iron-catalyzed cyclopropanation in 6 M KOH with in situ generation of diazomethane. *Science*, **2012**, 335, 1471-4 33.3 152
- 327 Highly enantioselective access to primary propargylamines: 4-piperidinone as a convenient protecting group. *Organic Letters*, **2006**, 8, 2437-40 6.2 149
- 326 Probing the biology of natural products: molecular editing by diverted total synthesis. *Angewandte Chemie - International Edition*, **2010**, 49, 9592-628 16.4 145
- 325 Catalytic enantioselective conjugate reduction of beta,beta-disubstituted nitroalkenes. *Angewandte Chemie - International Edition*, **2003**, 42, 4793-5 16.4 144
- 324 Catalytic asymmetric synthesis with rh-diene complexes: 1,4-addition of arylboronic acids to unsaturated esters. *Organic Letters*, **2005**, 7, 3821-4 6.2 142
- 323 Catalytic hydrochlorination of unactivated olefins with para-toluenesulfonyl chloride. *Angewandte Chemie - International Edition*, **2008**, 47, 5758-60 16.4 141
- 322 Iridium-Catalyzed Asymmetric Synthesis of Functionally Rich Molecules Enabled by (Phosphoramidite,Olefin) Ligands. *Accounts of Chemical Research*, **2019**, 52, 2657-2672 24.3 139
- 321 Stereospecific substitution of allylic alcohols to give optically active primary allylic amines: unique reactivity of a (P,alkene)Ir complex modulated by iodide. *Journal of the American Chemical Society*, **2010**, 132, 11917-9 16.4 139

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|-----------------|---|------|-----|
| 3 ²⁰ | Convenient synthesis of alkylhydrazides by the cobalt-catalyzed hydrohydrazination reaction of olefins and azodicarboxylates. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5676-7 | 16.4 | 138 |
| 3 ¹⁹ | Total synthesis of (+)-daphmanidin E. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11501-5 | 16.4 | 136 |
| 3 ¹⁸ | First total synthesis of (+/-)-strychnofoline via a highly selective ring-expansion reaction. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14826-7 | 16.4 | 136 |
| 3 ¹⁷ | The first conjugate addition reaction of terminal alkynes catalytic in copper: conjugate addition of alkynes in water. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6054-5 | 16.4 | 135 |
| 3 ¹⁶ | Total synthesis of a chlorosulpholipid cytotoxin associated with seafood poisoning. <i>Nature</i> , 2009 , 457, 573-6 | 50.4 | 132 |
| 3 ¹⁵ | Fluorination Patterning: A Study of Structural Motifs That Impact Physicochemical Properties of Relevance to Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 9041-60 | 8.3 | 130 |
| 3 ¹⁴ | Enantioselective allylic etherification: selective coupling of two unactivated alcohols. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5568-71 | 16.4 | 129 |
| 3 ¹³ | (+)-Zaragozic Acid C: Synthesis and Related Studies. <i>Journal of the American Chemical Society</i> , 1995 , 117, 8106-8125 | 16.4 | 128 |
| 3 ¹² | Rhodium-catalyzed cyclopropanation of alkynes: synthesis of trifluoromethyl-substituted cyclopropenes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4294-6 | 16.4 | 126 |
| 3 ¹¹ | Total synthesis of (-)-spirotryprostatin B. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 694-6 | 16.4 | 125 |
| 3 ¹⁰ | Stereoselective syntheses of epothilones A and B via nitrile oxide cycloadditions and related studies. <i>Journal of Organic Chemistry</i> , 2001 , 66, 6410-24 | 4.2 | 124 |
| 3 ⁰⁹ | Stereoselective syntheses of epothilones A and B via directed nitrile oxide cycloaddition. <i>Journal of the American Chemical Society</i> , 2001 , 123, 3611-2 | 16.4 | 124 |
| 3 ⁰⁸ | Direct identification of ligand-receptor interactions on living cells and tissues. <i>Nature Biotechnology</i> , 2012 , 30, 997-1001 | 44.5 | 123 |
| 3 ⁰⁷ | Iridium-catalyzed enantioselective synthesis of allylic alcohols: silanolates as hydroxide equivalents. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6204-7 | 16.4 | 121 |
| 3 ⁰⁶ | Iridium-catalyzed enantioselective allylic alkynylation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7532-5 | 16.4 | 120 |
| 3 ⁰⁵ | Synthesis of trifluoroethyl-substituted ketones from aldehydes and cyclohexanones. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9085-8 | 16.4 | 119 |
| 3 ⁰⁴ | Iridium-catalyzed enantioselective allyl-alkene coupling. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3006-9 | 16.4 | 116 |
| 3 ⁰³ | Convenient transformation of optically active nitroalkanes into chiral aldoximes and nitriles. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 612-5 | 16.4 | 114 |

- 302 Asymmetric synthesis of gamma-hydroxy alpha,beta-unsaturated aldehydes via enantioselective direct addition of propargyl acetate to aldehydes. *Organic Letters*, **2001**, 3, 3017-20 6.2 112
- 301 First synthesis of optically pure propargylic N-hydroxylamines by direct, highly diastereoselective addition of terminal alkynes to nitrones. *Angewandte Chemie - International Edition*, **2002**, 41, 3054-6 16.4 110
- 300 A General Solution to the Modular Synthesis of Polyketide Building Blocks by Kanemasa Hydroxy-Directed Nitrile Oxide Cycloadditions. *Angewandte Chemie - International Edition*, **2001**, 40, 2082-2085 16.4 109
- 299 Iron-catalyzed preparation of trifluoromethyl substituted vinyl- and alkynylcyclopropanes. *Organic Letters*, **2011**, 13, 3080-1 6.2 108
- 298 Catalytic hydrohydrazination of a wide range of alkenes with a simple mn complex. *Angewandte Chemie - International Edition*, **2004**, 43, 4099-102 16.4 108
- 297 Enantioselective preparation of 1,1-diarylethanes: aldehydes as removable steering groups for asymmetric synthesis. *Angewandte Chemie - International Edition*, **2007**, 46, 9331-4 16.4 107
- 296 Total synthesis of leucascandrolide A. *Angewandte Chemie - International Edition*, **2002**, 41, 4098-101 16.4 107
- 295 Leucascandrolide a: synthesis and related studies. *Journal of Organic Chemistry*, **2003**, 68, 9274-83 4.2 107
- 294 Convenient catalytic, enantioselective conjugate reduction of nitroalkenes using CuF₂. *Organic Letters*, **2004**, 6, 4575-7 6.2 104
- 293 Cobalt catalyzed functionalization of unactivated alkenes: regioselective reductive C-C bond forming reactions. *Journal of the American Chemical Society*, **2009**, 131, 13214-5 16.4 103
- 292 Readily Available Biaryl P,N Ligands for Asymmetric Catalysis. *Angewandte Chemie*, **2004**, 116, 6097-6099 6.2 103
- 291 Photocatalytic synthesis of allylic trifluoromethyl substituted styrene derivatives in batch and flow. *Organic Letters*, **2013**, 15, 1634-7 6.2 102
- 290 Stereodivergent total synthesis of Δ^9 -tetrahydrocannabinols. *Angewandte Chemie - International Edition*, **2014**, 53, 13898-901 16.4 99
- 289 Novel, Stereoselective Synthesis of 2-Amino Saccharides. *Journal of the American Chemical Society*, **1997**, 119, 3179-3180 16.4 99
- 288 Enantioselective Synthesis of the Cyclopentyl Core of the Axinellamines. *Journal of the American Chemical Society*, **2000**, 122, 8793-8794 16.4 99
- 287 Transfer hydrogenation in water: enantioselective, catalytic reduction of alpha-cyano and alpha-nitro substituted acetophenones. *Organic Letters*, **2010**, 12, 2893-5 6.2 98
- 286 Evaluation of tert-butyl isosteres: case studies of physicochemical and pharmacokinetic properties, efficacies, and activities. *ChemMedChem*, **2015**, 10, 461-9 3.7 97
- 285 Study of Intermediates in Iridium-(Phosphoramidite,Olefin)-Catalyzed Enantioselective Allylic Substitution. *Journal of the American Chemical Society*, **2017**, 139, 3603-3606 16.4 96

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|-----|--|------|----|
| 284 | Pyridinium Salts as Redox-Active Functional Group Transfer Reagents. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9264-9280 | 16.4 | 96 |
| 283 | Ir-catalyzed reverse prenylation of 3-substituted indoles: total synthesis of (+)-aszonalenin and (-)-brevicompanine B. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16756-9 | 16.4 | 94 |
| 282 | Formaldehyde N,N-dialkylhydrazones as neutral formyl anion equivalents in iridium-catalyzed asymmetric allylic substitution. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5296-9 | 16.4 | 93 |
| 281 | Metal versus silyl triflate catalysis in the Mukaiyama aldol addition reaction. <i>Tetrahedron Letters</i> , 1994 , 35, 4323-4326 | 2 | 92 |
| 280 | Enantioselective allylic thioetherification: the effect of phosphoric acid diester on iridium-catalyzed enantioconvergent transformations. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8652-5 | 16.4 | 91 |
| 279 | Conformational and configurational analysis in the study and synthesis of chlorinated natural products. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15866-76 | 16.4 | 91 |
| 278 | A mild and chemoselective method for the reduction of conjugated isoxazolines to beta-hydroxy ketones. <i>Organic Letters</i> , 2001 , 3, 1587-90 | 6.2 | 90 |
| 277 | Reversible Spatiotemporal Control of Induced Protein Degradation by Bistable PhotoPROTACs. <i>ACS Central Science</i> , 2019 , 5, 1682-1690 | 16.8 | 87 |
| 276 | Synthesis and biological evaluation of amphotericin B derivatives. <i>Natural Product Reports</i> , 2010 , 27, 1329-49 | 15.1 | 86 |
| 275 | Total synthesis of (H)-Gelsemoxonine. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8500-3 | 16.4 | 85 |
| 274 | Total synthesis of (+)-asperolide C by iridium-catalyzed enantioselective polyene cyclization. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12166-9 | 16.4 | 84 |
| 273 | Synthesis and structural analysis of a new class of azaspiro[3.3]heptanes as building blocks for medicinal chemistry. <i>Organic Letters</i> , 2010 , 12, 1944-7 | 6.2 | 84 |
| 272 | Zn-alkynylide additions to acyl iminiums. <i>Organic Letters</i> , 2004 , 6, 1497-9 | 6.2 | 84 |
| 271 | Asymmetric autocatalysis enables an improved synthesis of efavirenz. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2957-61 | 16.4 | 82 |
| 270 | Asymmetric Dipolar Cycloadditions of Me ₃ SiCHN ₂ . Synthesis of a Novel Class of Amino Acids: Azaprolines. <i>Journal of the American Chemical Society</i> , 1997 , 119, 8379-8380 | 16.4 | 80 |
| 269 | Amphotericin B increases influenza A virus infection by preventing IFITM3-mediated restriction. <i>Cell Reports</i> , 2013 , 5, 895-908 | 10.6 | 78 |
| 268 | Catalytic asymmetric intramolecular hydroacylation with rhodium/phosphoramidite-alkene ligand complexes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10670-4 | 16.4 | 77 |
| 267 | Transfer hydrogenation in water: enantioselective, catalytic reduction of (E)-beta,beta-disubstituted nitroalkenes. <i>Organic Letters</i> , 2009 , 11, 4196-8 | 6.2 | 77 |

- 266 Iridium-catalyzed enantioselective allylic alkylation with functionalized organozinc bromides. *Angewandte Chemie - International Edition*, **2015**, 54, 7644-7 16.4 76
- 265 Total synthesis and stereochemical reassignment of (⊖)-indoxamycin B. *Angewandte Chemie - International Edition*, **2012**, 51, 3474-7 16.4 76
- 264 Titanium fluoride complexes as catalysts for the enantioselective addition of Me₃Al to aldehydes. *Tetrahedron Letters*, **1998**, 39, 9593-9596 2 76
- 263 Enantioselective total synthesis of (R)-strongyloidiols A and B. *Tetrahedron*, **2003**, 59, 6813-6817 2.4 76
- 262 Iridium-catalyzed enantioselective allyl-allylsilane cross-coupling. *Angewandte Chemie - International Edition*, **2014**, 53, 10759-62 16.4 75
- 261 Preparation of trifluoromethyl-substituted aziridines with in situ generated CF₃CHN₂. *Organic Letters*, **2012**, 14, 1900-1 6.2 75
- 260 Cobalt-catalyzed hydrohydrazination of dienes and enynes: access to allylic and propargylic hydrazides. *Organic Letters*, **2005**, 7, 4249-52 6.2 75
- 259 Facile one-pot synthesis of photochromic pyrans. *Organic Letters*, **2003**, 5, 4153-4 6.2 75
- 258 Synthesis of (+)-Zaragozic Acid C. *Journal of the American Chemical Society*, **1994**, 116, 10825-10826 16.4 75
- 257 Total synthesis of (⊖)-hippolachnin A. *Angewandte Chemie - International Edition*, **2015**, 54, 2378-82 16.4 72
- 256 Enantio- and Diastereoselective Spiroketalization Catalyzed by Chiral Iridium Complex. *Journal of the American Chemical Society*, **2017**, 139, 8082-8085 16.4 71
- 255 Expanding the azaspiro[3.3]heptane family: synthesis of novel highly functionalized building blocks. *Organic Letters*, **2012**, 14, 66-9 6.2 71
- 254 Cascade formation of isoxazoles: facile base-mediated rearrangement of substituted oxetanes. *Angewandte Chemie - International Edition*, **2011**, 50, 5379-82 16.4 71
- 253 Synthesis of (+/-)-strychnofoline via a highly convergent selective annulation reaction. *Chemistry - A European Journal*, **2006**, 12, 8208-19 4.8 71
- 252 Stereoselective Conjugate Addition Reactions Using In Situ Metallated Terminal Alkynes and the Development of Novel Chiral P,N-Ligands. *Bulletin of the Chemical Society of Japan*, **2007**, 80, 1635-1657^{5.1} 71
- 251 Ring expansion of 3-oxetanone-derived spirocycles: facile synthesis of saturated nitrogen heterocycles. *Angewandte Chemie - International Edition*, **2013**, 52, 11908-11 16.4 70
- 250 Divergent Control of Point and Axial Stereogenicity: Catalytic Enantioselective C-N Bond-Forming Cross-Coupling and Catalyst-Controlled Atroposelective Cyclodehydration. *Angewandte Chemie - International Edition*, **2018**, 57, 6251-6255 16.4 69
- 249 Total synthesis of (+)-crotoogoudin. *Angewandte Chemie - International Edition*, **2013**, 52, 11168-71 16.4 69

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|-----|--|------|----|
| 248 | Recent Advances in the Total Synthesis of Chlorosulfolipids. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1685-1698 | 3.2 | 69 |
| 247 | On the polarity of partially fluorinated methyl groups. <i>Journal of Fluorine Chemistry</i> , 2013 , 152, 119-128 | 2.1 | 69 |
| 246 | Asymmetric Photocycloadditions with an Optically Active Allenylsilane: [Pt] Trimethylsilyl as a Removable Stereocontrolling Group for the Enantioselective Synthesis of exo-Methylenecyclobutanes. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2597-2605 | 16.4 | 69 |
| 245 | Synthesis and in vitro evaluation of inhibitors of intestinal cholesterol absorption. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 6035-53 | 8.3 | 69 |
| 244 | Iridium diamine catalyst for the asymmetric transfer hydrogenation of ketones. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8979-81 | 16.4 | 68 |
| 243 | Total Synthesis of Gelsemoxonine through a Spirocyclopropane Isoxazolidine Ring Contraction. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6084-96 | 16.4 | 65 |
| 242 | Phospholipid oxidation generates potent anti-inflammatory lipid mediators that mimic structurally related pro-resolving eicosanoids by activating Nrf2. <i>EMBO Molecular Medicine</i> , 2015 , 7, 593-607 | 12 | 63 |
| 241 | Enantioselective Chemo- und Biokatalyse: Partner in der Retrosynthese. <i>Angewandte Chemie</i> , 2017 , 129, 9068-9100 | 3.6 | 62 |
| 240 | Total synthesis and stereochemical revision of the chlorinated sesquiterpene ([Pt])-gomerone c. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 13066-9 | 16.4 | 62 |
| 239 | Infrared spectroscopic investigations on the metallation of terminal alkynes by $\text{Zn}(\text{OTf})_2$. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 5843-5 | 11.5 | 62 |
| 238 | Synthesis of Photoswitchable [Pt] Tetrahydrocannabinol Derivatives Enables Optical Control of Cannabinoid Receptor 1 Signaling. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18206-18212 | 16.4 | 61 |
| 237 | Stereodivergent Dual Catalytic [Pt] -Allylation of Protected [Pt] -Amino- and [Pt] -Hydroxyacetaldehydes. <i>Angewandte Chemie</i> , 2015 , 127, 14571-14575 | 3.6 | 61 |
| 236 | Direkte, enantioselective Iridium-katalysierte allylische Aminierung von racemischen Allylalkoholen. <i>Angewandte Chemie</i> , 2012 , 124, 3527-3530 | 3.6 | 61 |
| 235 | Synthesis of undecachlorosulfolipid A: re-evaluation of the nominal structure. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7940-3 | 16.4 | 61 |
| 234 | Cu(I)-catalyzed conjugate addition of ethyl propiolate. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4964-7 | 16.4 | 60 |
| 233 | Reduction of 2,3-dihydroisoxazoles to beta-amino ketones and beta-amino alcohols. <i>Organic Letters</i> , 2005 , 7, 5741-2 | 6.2 | 59 |
| 232 | Catalytic Enantioselective Conjugate Reduction of [Pt] Disubstituted Nitroalkenes. <i>Angewandte Chemie</i> , 2003 , 115, 4941-4943 | 3.6 | 58 |
| 231 | 2,6-Diazaspiro[3.3]heptanes: synthesis and application in Pd-catalyzed aryl amination reactions. <i>Organic Letters</i> , 2008 , 10, 3525-6 | 6.2 | 57 |

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|-----|--|------|----|
| 230 | Synthesis and photochromism of novel phenylene-linked photochromic bispyrans. <i>Organic Letters</i> , 2006 , 8, 99-102 | 6.2 | 57 |
| 229 | Significant improvement of antifungal activity of polyene macrolides by bisalkylation of the mycosamine. <i>Organic Letters</i> , 2006 , 8, 1807-9 | 6.2 | 56 |
| 228 | Total synthesis of bafilomycin A1. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 578-81 | 16.4 | 55 |
| 227 | Efficient synthesis strategies by application of transition metal-catalyzed carbene/nitrene insertions into C-H bonds. <i>Natural Product Reports</i> , 2014 , 31, 449-55 | 15.1 | 54 |
| 226 | Synthesis and stability of oxetane analogs of thalidomide and lenalidomide. <i>Organic Letters</i> , 2013 , 15, 4312-5 | 6.2 | 54 |
| 225 | Total synthesis of erythronolide A by Mg(II)-mediated cycloadditions of nitrile oxides. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 4036-8 | 16.4 | 54 |
| 224 | Total Synthesis of (-)-Rhazinilam and Formal Synthesis of (+)-Eburenine and (+)-Aspidospermidine: Asymmetric Cu-Catalyzed Propargylic Substitution. <i>Organic Letters</i> , 2017 , 19, 5529-5532 | 6.2 | 53 |
| 223 | Total Synthesis of (+)-Trehazolin: Optically Active Spirocycloheptadienes as Useful Precursors for the Synthesis of Amino Cyclopentitols. <i>Journal of the American Chemical Society</i> , 1995 , 117, 11811-11812 | 16.4 | 53 |
| 222 | Pyridyl Radical Cation for C-H Amination of Arenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 526-531 | 16.4 | 53 |
| 221 | Synthesis of novel angular spirocyclic azetidines. <i>Organic Letters</i> , 2011 , 13, 780-3 | 6.2 | 52 |
| 220 | Enantioselective Iridium-Catalyzed Allylic Cyclizations. <i>Organic Letters</i> , 2017 , 19, 3235-3238 | 6.2 | 50 |
| 219 | Synthesis of 35-deoxy amphotericin B methyl ester: a strategy for molecular editing. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4335-8 | 16.4 | 49 |
| 218 | Iron-catalyzed cyclopropanation with glycine ethyl ester hydrochloride in water. <i>Organic Letters</i> , 2012 , 14, 2162-3 | 6.2 | 48 |
| 217 | Rapid formation of complexity in the total synthesis of natural products enabled by oxabicyclo[2.2.1]heptene building blocks. <i>Chemical Society Reviews</i> , 2009 , 38, 3222-41 | 58.5 | 48 |
| 216 | Pentafulvene for the synthesis of complex natural products: total syntheses of (±)-pallambins A and B. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11227-30 | 16.4 | 47 |
| 215 | An amphotericin B-fluorescein conjugate as a powerful probe for biochemical studies of the membrane. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5181-5 | 16.4 | 47 |
| 214 | Selective Photoaffinity Probe That Enables Assessment of Cannabinoid CB Receptor Expression and Ligand Engagement in Human Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6067-6075 | 16.4 | 46 |
| 213 | Enantioselective Allylethersynthese: selektive Kupplung von zwei Alkoholen. <i>Angewandte Chemie</i> , 2011 , 123, 5683-5686 | 3.6 | 46 |

| | | | |
|-----|---|------|----|
| 212 | Asymmetric conjugate addition reactions of Meldrum acid derived acceptors employing chiral phosphoramidite ligands. <i>Organic Letters</i> , 2003 , 5, 4557-8 | 6.2 | 46 |
| 211 | A smart photochromophore through synergistic coupling of photochromic subunits. <i>Journal of the American Chemical Society</i> , 2002 , 124, 1582-3 | 16.4 | 46 |
| 210 | Ruthenium-catalyzed intramolecular hydrocarbamoylation of allylic formamides: convenient access to chiral pyrrolidones. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6814-7 | 16.4 | 45 |
| 209 | Expedient preparation of trifluoromethyl-substituted benzofuranols. <i>Organic Letters</i> , 2011 , 13, 5984-5 | 6.2 | 45 |
| 208 | Total syntheses of guanacastepenes N and O. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2962-6 | 16.4 | 45 |
| 207 | Enantioselective Synthesis of ent-Stelletamide A via a Novel Dipolar Cycloaddition Reaction of (Trimethylsilyl)diazomethane. <i>Journal of Organic Chemistry</i> , 1997 , 62, 7916-7917 | 4.2 | 45 |
| 206 | Oxetanyl peptides: novel peptidomimetic modules for medicinal chemistry. <i>Organic Letters</i> , 2014 , 16, 4070-3 | 6.2 | 44 |
| 205 | Construction of multifunctional modules for drug discovery: synthesis of novel thia/oxa-azaspiro[3.4]octanes. <i>Organic Letters</i> , 2013 , 15, 4766-9 | 6.2 | 44 |
| 204 | Probing the role of the mycosamine C2OH on the activity of amphotericin B. <i>Organic Letters</i> , 2011 , 13, 1390-3 | 6.2 | 44 |
| 203 | Allenlylic Carbonates in Enantioselective Iridium-Catalyzed Alkylations. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4697-4704 | 16.4 | 43 |
| 202 | Cyclohexyne cycloinsertion by an annulative ring expansion cascade. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4092-5 | 16.4 | 43 |
| 201 | Stereochemically rich pentaketides from bis(isoxazolines): a general strategy for efficient polyketide synthesis. <i>Organic Letters</i> , 2004 , 6, 2485-8 | 6.2 | 43 |
| 200 | Asymmetric Catalysis Mediated by Synthetic Peptides, Version 2.0: Expansion of Scope and Mechanisms. <i>Chemical Reviews</i> , 2020 , 120, 11479-11615 | 68.1 | 43 |
| 199 | pH-Independent transfer hydrogenation in water: catalytic, enantioselective reduction of β -keto esters. <i>Organic Letters</i> , 2012 , 14, 4522-4 | 6.2 | 42 |
| 198 | Convergent synthesis of the amphotericin polyol subunit employing asymmetric dienolate addition reactions. <i>Tetrahedron Letters</i> , 1998 , 39, 7013-7016 | 2 | 42 |
| 197 | Multiple plasma membrane receptors but not NPC1L1 mediate high-affinity, ezetimibe-sensitive cholesterol uptake into the intestinal brush border membrane. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007 , 1771, 1140-7 | 5 | 42 |
| 196 | Biologically active amphotericin B-calix[4]arene conjugates. <i>Bioconjugate Chemistry</i> , 2006 , 17, 1460-3 | 6.3 | 41 |
| 195 | Rh-Catalyzed Stereospecific Synthesis of Allenes from Propargylic Benzoates and Arylboronic Acids. <i>Organic Letters</i> , 2016 , 18, 2174-6 | 6.2 | 41 |

| | | | |
|-----|---|------|----|
| 194 | Stereoselective synthesis of erythronolide A via nitrile oxide cycloadditions and related studies. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8695-712 | 4.2 | 40 |
| 193 | Mild cleavage of aryl mesylates: methanesulfonate as potent protecting group for phenols. <i>Organic Letters</i> , 2004 , 6, 1513-4 | 6.2 | 40 |
| 192 | Formation of β -SF ₅ -Enolate Enables Preparation of 3-SF ₅ -Quinolin-2-ones, 3-SF ₅ -Quinolines, and 3-SF ₅ -Pyridin-2-ones: Evaluation of their Physicochemical Properties. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2113-7 | 16.4 | 40 |
| 191 | Partially fluorinated alkoxy groups \square Conformational adaptors to changing environments. <i>Journal of Fluorine Chemistry</i> , 2017 , 198, 34-46 | 2.1 | 39 |
| 190 | Ir-catalyzed preparation of SF ₅ -substituted potassium aryl trifluoroborates via C-H borylation and their application in the Suzuki-Miyaura reaction. <i>Organic Letters</i> , 2013 , 15, 5147-9 | 6.2 | 39 |
| 189 | Synthesis of novel azaspiro[3.4]octanes as multifunctional modules in drug discovery. <i>Organic Letters</i> , 2011 , 13, 6134-6 | 6.2 | 39 |
| 188 | Palladium-Catalyzed Regioselective C-H Iodination of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8758-8763 | 16.4 | 38 |
| 187 | Effect of Partially Fluorinated N-Alkyl-Substituted Piperidine-2-carboxamides on Pharmacologically Relevant Properties. <i>ChemMedChem</i> , 2016 , 11, 2216-2239 | 3.7 | 38 |
| 186 | Synthesis of epoxyisoprostanes: effects in reducing secretion of pro-inflammatory cytokines IL-6 and IL-12. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5382-5 | 16.4 | 38 |
| 185 | Ugi-4-component reaction enabling rapid access to the core fragment of massadine. <i>Organic Letters</i> , 2011 , 13, 78-81 | 6.2 | 38 |
| 184 | Synthesis and biophysical studies on 35-deoxy amphotericin B methyl ester. <i>Chemistry - A European Journal</i> , 2009 , 15, 7117-28 | 4.8 | 38 |
| 183 | Diastereoselective zinc-catalyzed conjugate addition of alkynes. <i>Organic Letters</i> , 2004 , 6, 2281-3 | 6.2 | 38 |
| 182 | Synthesis and biological studies of 35-deoxy amphotericin B methyl ester. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4339-42 | 16.4 | 37 |
| 181 | Total Synthesis of (-)-Mitrephorone A. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16704-16710 | 16.4 | 37 |
| 180 | Uncovering the psychoactivity of a cannabinoid from liverworts associated with a legal high. <i>Science Advances</i> , 2018 , 4, eaat2166 | 14.3 | 37 |
| 179 | Enantioselective synthesis of the core of banyaside, suomilide, and spumigin HKVV. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8852-5 | 16.4 | 36 |
| 178 | Control of remote enoate geometry in the bryostatins with a tethered horner-wadsworth-emmons reagent. <i>Tetrahedron Letters</i> , 1990 , 31, 4703-4706 | 2 | 36 |
| 177 | HATRIC-based identification of receptors for orphan ligands. <i>Nature Communications</i> , 2018 , 9, 1519 | 17.4 | 35 |

| | | | |
|-----|--|------|----|
| 176 | Facile formation of N-acyl-oxazolidinone derivatives using acid fluorides. <i>Organic Letters</i> , 2010 , 12, 4102-4105 | 6.2 | 35 |
| 175 | Autotandem catalysis with ruthenium: remote hydroesterification of allylic amides. <i>Organic Letters</i> , 2014 , 16, 572-5 | 6.2 | 34 |
| 174 | Enantioselective synthesis of the carbocyclic D-ring subunit of massadine. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8514-7 | 16.4 | 34 |
| 173 | An in vitro assay for evaluation of small-molecule inhibitors of cholesterol absorption. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 4653-6 | 16.4 | 34 |
| 172 | Palladium-Catalyzed C-H Alkynylation of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7818-7822 | 16.4 | 34 |
| 171 | Totalsynthese und stereochemische Strukturberichtigung von (±)-Indoxamycin B. <i>Angewandte Chemie</i> , 2012 , 124, 3531-3534 | 3.6 | 33 |
| 170 | Total Synthesis of (+)-Asperolide C by Iridium-Catalyzed Enantioselective Polyene Cyclization. <i>Angewandte Chemie</i> , 2013 , 125, 12388-12391 | 3.6 | 33 |
| 169 | Iridium-Catalyzed Enantioselective Allylic Substitution with Aqueous Solutions of Nucleophiles. <i>Journal of the American Chemical Society</i> , 2019 , 141, 12212-12218 | 16.4 | 32 |
| 168 | Stereodivergent Total Synthesis of Δ-Tetrahydrocannabinols. <i>Angewandte Chemie</i> , 2014 , 126, 14118-14126 | 16.4 | 32 |
| 167 | Carbohydrate sulfonyl chlorides for simple, convenient access to glycoconjugates. <i>Organic Letters</i> , 2005 , 7, 1145-8 | 6.2 | 32 |
| 166 | Synthesis and Biological Evaluation of Bromo- and Fluorodanicalipin A. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2555-8 | 16.4 | 31 |
| 165 | Totalsynthese von (+)-Daphmanidin E. <i>Angewandte Chemie</i> , 2011 , 123, 11703-11707 | 3.6 | 31 |
| 164 | ZnCl ₂ -mediated stereoselective addition of terminal alkynes to D-(+)-mannofuranosyl nitrones. <i>Organic Letters</i> , 2005 , 7, 5329-30 | 6.2 | 31 |
| 163 | Biological Investigations of (+)-Danicalipin A Enabled Through Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 639-43 | 16.4 | 30 |
| 162 | Iridium-Catalyzed Enantioselective Allylic Alkylation with Functionalized Organozinc Bromides. <i>Angewandte Chemie</i> , 2015 , 127, 7754-7757 | 3.6 | 30 |
| 161 | An in situ procedure for catalytic, enantioselective acetate aldol addition. Application to the synthesis of (R)-(-)-Ephedrine. <i>Tetrahedron Letters</i> , 1997 , 38, 927-930 | 2 | 30 |
| 160 | Synthesis and in vitro biological properties of novel cationic derivatives of amphotericin B. <i>Chemistry - A European Journal</i> , 2008 , 14, 2465-81 | 4.8 | 30 |
| 159 | Structure-function relationships of HDL in diabetes and coronary heart disease. <i>JCI Insight</i> , 2020 , 5, | 9.9 | 30 |

| | | | |
|-----|---|------|----|
| 158 | Total Synthesis of Prostaglandin 15d-PGJ(2) and Investigation of its Effect on the Secretion of IL-6 and IL-12. <i>Organic Letters</i> , 2015 , 17, 4340-3 | 6.2 | 29 |
| 157 | Stereoselective Synthesis of Piperidines by Iridium-Catalyzed Cyclocondensation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11515-11519 | 16.4 | 29 |
| 156 | Total synthesis of (-)-dendrobine. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3436-9 | 16.4 | 29 |
| 155 | Pd-catalyzed cleavage of benzylic nitro bonds: new opportunities for asymmetric synthesis. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2078-81 | 16.4 | 29 |
| 154 | Coordination-Induced Stereocontrol over Carbocations: Asymmetric Reductive Deoxygenation of Racemic Tertiary Alcohols. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4738-4748 | 16.4 | 29 |
| 153 | Iridium-Catalyzed Enantioselective Allyl-Allylsilane Cross-Coupling. <i>Angewandte Chemie</i> , 2014 , 126, 10935-10938 | 16.4 | 29 |
| 152 | Hydroxyl-directed nitrile oxide cycloaddition reactions with cyclic allylic alcohols. <i>Organic Letters</i> , 2007 , 9, 3857-8 | 6.2 | 28 |
| 151 | A modular approach to polyketide building blocks: cycloadditions of nitrile oxides and homoallylic alcohols. <i>Organic Letters</i> , 2005 , 7, 2011-4 | 6.2 | 28 |
| 150 | Efficient asymmetric synthesis of 1-alk-2-yne-1,4-diols. <i>Tetrahedron</i> , 2002 , 58, 8341-8344 | 2.4 | 28 |
| 149 | Amine-selective bioconjugation using arene diazonium salts. <i>Organic Letters</i> , 2014 , 16, 3908-11 | 6.2 | 27 |
| 148 | Synthesis of Microcin SF608 through nucleophilic opening of an oxabicyclo[2.2.1]heptane. <i>Organic Letters</i> , 2010 , 12, 3950-3 | 6.2 | 27 |
| 147 | Heterocyclic ring scaffolds as small-molecule cholesterol absorption inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 3514-23 | 3.9 | 27 |
| 146 | 1,2,4-oxadiazolidinones as configurationally stable chiral building blocks. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 936-8 | 16.4 | 27 |
| 145 | Enantioselective Reduction of Nitroalkene Mixtures by in Situ Equilibration. <i>Organic Process Research and Development</i> , 2007 , 11, 633-636 | 3.9 | 26 |
| 144 | Addition of Trifluoroborates to Oxetanyl N,O-Acetals: Entry into Spiro and Fused Saturated Heterocycles. <i>Organic Letters</i> , 2015 , 17, 3350-3 | 6.2 | 25 |
| 143 | Synthese von Undecachlorsulfolipid A: Reevaluierung der nominalen Struktur. <i>Angewandte Chemie</i> , 2011 , 123, 8087-8091 | 3.6 | 25 |
| 142 | Enantioselective allene/enone photocycloadditions: The use of an inexpensive optically active 1,3-disubstituted allene. <i>Tetrahedron</i> , 1997 , 53, 16253-16276 | 2.4 | 25 |
| 141 | Catalytic Dynamic Kinetic Resolutions in Tandem to Construct Two-Axis Terphenyl Atropisomers. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16461-16470 | 16.4 | 25 |

| | | | |
|-----|---|------|----|
| 140 | Stereochemical studies of the opening of chloro vinyl epoxides: cyclic chloronium ions as intermediates. <i>Organic Letters</i> , 2015 , 17, 1878-81 | 6.2 | 24 |
| 139 | Trimethyl Orthoacetate and Ethylene Glycol Mono-Vinyl Ether as Enolate Surrogates in Enantioselective Iridium-Catalyzed Allylation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7654-7658 | 16.4 | 24 |
| 138 | Cyclohexyne cycloinsertion in the divergent synthesis of guanacastepenes. <i>Chemistry - A European Journal</i> , 2012 , 18, 15761-71 | 4.8 | 24 |
| 137 | Nonlinear Effects with Diastereomeric Ligand Mixtures in Enantioselective, Catalytic Additions of Terminal Alkynes Involving Copper-BINAP Complexes. <i>ACS Catalysis</i> , 2012 , 2, 1232-1234 | 13.1 | 24 |
| 136 | Polyketide building blocks via diastereoselective nitrile oxide cycloadditions with homoallylic alcohols and monoprotected homoallylic diols. <i>Chemistry - A European Journal</i> , 2009 , 15, 12065-81 | 4.8 | 24 |
| 135 | Total synthesis of nominal banyaside B: structural revision of the glycosylation site. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9229-32 | 16.4 | 24 |
| 134 | Catalytic, enantioselective acetate aldol additions to α,β -unsaturated aldehydes: Preparation of optically active propargylic alcohols. <i>Tetrahedron</i> , 1998 , 54, 7025-7032 | 2.4 | 24 |
| 133 | Oxetanyl Amino Acids for Peptidomimetics. <i>Organic Letters</i> , 2017 , 19, 2510-2513 | 6.2 | 23 |
| 132 | Towards the synthesis of massadine: a unified strategy for the stereoselective synthesis of the carbocyclic C,D-ring subunit. <i>Chemistry - A European Journal</i> , 2011 , 17, 12405-16 | 4.8 | 23 |
| 131 | First Synthesis of Optically Pure Propargylic N-Hydroxylamines by Direct, Highly Diastereoselective Addition of Terminal Alkynes to Nitrones. <i>Angewandte Chemie</i> , 2002 , 114, 3180 | 3.6 | 23 |
| 130 | Catalytic asymmetric and stereodivergent oligonucleotide synthesis. <i>Science</i> , 2021 , 371, 702-707 | 33.3 | 23 |
| 129 | Mechanistic insight into the spirocyclopropane isoxazolidine ring contraction. <i>Organic Letters</i> , 2014 , 16, 960-3 | 6.2 | 22 |
| 128 | Discovery of a highly potent anti-inflammatory epoxyisoprostane-derived lactone. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17382-5 | 16.4 | 22 |
| 127 | Nucleophilic opening of oxabicyclic ring systems. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6296-9 | 16.4 | 22 |
| 126 | Amphotericin B as a potential probe of the physical state of vesicle membranes. <i>Organic Letters</i> , 2004 , 6, 3683-6 | 6.2 | 22 |
| 125 | Total Synthesis of Erythronolide A by MgII-Mediated Cycloadditions of Nitrile Oxides. <i>Angewandte Chemie</i> , 2005 , 117, 4104-4106 | 3.6 | 22 |
| 124 | Addition of Terminal Acetylides to C=O and C=N Electrophiles 2005 , 101-138 | | 22 |
| 123 | Divergent Control of Point and Axial Stereogenicity: Catalytic Enantioselective C-C Bond-Forming Cross-Coupling and Catalyst-Controlled Atroposelective Cyclodehydration. <i>Angewandte Chemie</i> , 2018 , 130, 6359-6363 | 3.6 | 21 |

| | | | |
|-----|--|------|----|
| 122 | Adventures in drug-like chemistry space: from oxetanes to spiroazetidines and beyond!. <i>Chimia</i> , 2014 , 68, 492-9 | 1.3 | 21 |
| 121 | Total Synthesis of (±)-Hippolachnin A. <i>Angewandte Chemie</i> , 2015 , 127, 2408-2412 | 3.6 | 21 |
| 120 | Total synthesis of bafilomycin A1. <i>Chemistry - A European Journal</i> , 2012 , 18, 3598-610 | 4.8 | 20 |
| 119 | Total Synthesis and Stereochemical Revision of the Chlorinated Sesquiterpene (±)-Gomerone C. <i>Angewandte Chemie</i> , 2012 , 124, 13243-13246 | 3.6 | 20 |
| 118 | Beta-glycosidation of sterically hindered alcohols. <i>Organic Letters</i> , 2009 , 11, 1305-7 | 6.2 | 20 |
| 117 | Total Synthesis and Stereochemical Assignment of (+)-BroussonetineH. <i>Organic Letters</i> , 2017 , 19, 5533-5536 | 19 | 19 |
| 116 | Morpholine Ketene Aminal as Amide Enolate Surrogate in Iridium-Catalyzed Asymmetric Allylic Alkylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9537-9541 | 16.4 | 19 |
| 115 | A Unified Strategy to Plakortin Pentalenes: Total Syntheses of (±)-Gracilioethers E and F. <i>Organic Letters</i> , 2016 , 18, 220-3 | 6.2 | 19 |
| 114 | Access to the aeruginosin serine protease inhibitors through the nucleophilic opening of an oxabicyclo[2.2.1]heptane: total synthesis of microcin SF608. <i>Chemistry - A European Journal</i> , 2014 , 20, 6071-80 | 4.8 | 19 |
| 113 | Oligothiophene-linked bisnaphthopyrans: sequential and temperature-dependent photochromism. <i>Chemistry - A European Journal</i> , 2007 , 13, 2671-85 | 4.8 | 19 |
| 112 | Homologative Trifluoromethylation of Acetals. <i>Synthesis</i> , 2013 , 45, 1857-1862 | 2.9 | 18 |
| 111 | Totalsynthese von (+)-Crotogoudin. <i>Angewandte Chemie</i> , 2013 , 125, 11375-11379 | 3.6 | 18 |
| 110 | Electrophilic Nrf2 activators and itaconate inhibit inflammation at low dose and promote IL-1 β production and inflammatory apoptosis at high dose. <i>Redox Biology</i> , 2020 , 36, 101647 | 11.3 | 17 |
| 109 | Construction of Vicinal Quaternary Centers via Iridium-Catalyzed Asymmetric Allenylic Alkylation of Racemic Tertiary Alcohols. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3323-3329 | 16.4 | 17 |
| 108 | Gold(i)-catalyzed stereoselective cyclization of 1,3-enyne aldehydes by a 1,3-acyloxy migration/Nazarov cyclization/aldol addition cascade. <i>Chemical Science</i> , 2019 , 10, 8219-8223 | 9.4 | 16 |
| 107 | One-pot synthesis of novel photochromic oxazine compounds. <i>Organic Letters</i> , 2011 , 13, 5084-7 | 6.2 | 16 |
| 106 | Total Synthesis of (+)-Sarcophytin. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 823-826 | 16.4 | 16 |
| 105 | Identification of biologically active δ -lactone eicosanoids as paraoxonase substrates. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 87-92 | 3.4 | 16 |

| | | | |
|-----|---|------|----|
| 104 | Stereochemical Revision, Total Synthesis, and Solution State Conformation of the Complex Chlorosulfolipid Mytilipin B. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10510-10519 | 16.4 | 15 |
| 103 | Total Synthesis of Epicolactone. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13159-13162 | 16.4 | 15 |
| 102 | A novel strategy for bioconjugation: synthesis and preliminary evaluation with amphotericin B. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1339-42 | 3.9 | 15 |
| 101 | Bioisosteric Exchange of Csp ³ -Chloro and Methyl Substituents: Synthesis and Initial Biological Studies of Atpenin A5 Analogues. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4049-53 | 16.4 | 15 |
| 100 | Total Synthesis of (-)-Merochlorin A. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2490-2494 | 16.4 | 15 |
| 99 | An efficient synthesis strategy to the core structure of 6-5-6-5-6-membered epipolythiodiketopiperazines. <i>Organic Letters</i> , 2014 , 16, 2854-7 | 6.2 | 13 |
| 98 | Cobalt-Catalyzed Synthesis of Tertiary Azides from β,β -Disubstituted Olefins under Mild Conditions Using Commercially Available Reagents. <i>Synthesis</i> , 2007 , 2007, 3839-3845 | 2.9 | 13 |
| 97 | Stereoselective Synthesis of Piperidines by Iridium-Catalyzed Cyclocondensation. <i>Angewandte Chemie</i> , 2017 , 129, 11673-11677 | 3.6 | 12 |
| 96 | Stereochemistry and biological activity of chlorinated lipids: a study of danicalipin A and selected diastereomers. <i>Chemical Science</i> , 2017 , 8, 6904-6910 | 9.4 | 12 |
| 95 | Amphotericin B: 50 Years of Chemistry and Biochemistry. <i>Synthesis</i> , 2006 , 2006, 0914-0942 | 2.9 | 12 |
| 94 | Pyridiniumsalze als redoxaktive Reagenzien zur Bertragung funktioneller Gruppen. <i>Angewandte Chemie</i> , 2020 , 132, 9350-9366 | 3.6 | 12 |
| 93 | Total Synthesis of (-)-Mitrephorone A Enabled by Stereoselective Nitrile Oxide Cycloaddition and Tetrasubstituted Olefin Synthesis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17802-17809 | 16.4 | 12 |
| 92 | Cyclopentenone Prostaglandins and Structurally Related Oxidized Lipid Species Instigate and Share Distinct Pro- and Anti-inflammatory Pathways. <i>Cell Reports</i> , 2020 , 30, 4399-4417.e7 | 10.6 | 12 |
| 91 | Activation of Copper Species on Carbon Nitride for Enhanced Activity in the Arylation of Amines. <i>ACS Catalysis</i> , 2020 , 10, 11069-11080 | 13.1 | 12 |
| 90 | Development of High-Specificity Fluorescent Probes to Enable Cannabinoid Type 2 Receptor Studies in Living Cells. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16953-16964 | 16.4 | 12 |
| 89 | Structural and Conformational Aspects of Equatorial and Axial Trifluoromethyl, Difluoromethyl, and Monofluoromethyl Groups. <i>Chemistry - A European Journal</i> , 2016 , 22, 16920-16928 | 4.8 | 12 |
| 88 | Novel SF ₅ -Anilines and SF ₅ -Aryl Ethers from SF ₅ -Substituted Potassium Aryl Trifluoroborates. <i>Synlett</i> , 2015 , 26, 737-740 | 2.2 | 11 |
| 87 | Synthesis and Biological Evaluation of Chlorinated Analogs of Leukotoxin Diol. <i>Organic Letters</i> , 2015 , 17, 5602-5 | 6.2 | 11 |

| | | | |
|----|---|------|----|
| 86 | Pentafulvene for the Synthesis of Complex Natural Products: Total Syntheses of (±)-Pallambins A and B. <i>Angewandte Chemie</i> , 2015 , 127, 11379-11382 | 3.6 | 11 |
| 85 | Advances in catalytic, enantioselective aldol addition reactions with novel Ti(IV) complexes. <i>Drug Discovery Today</i> , 1996 , 1, 145-150 | 8.8 | 11 |
| 84 | Total Synthesis and Structural Revision of a Harziane Diterpenoid. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1192-1196 | 16.4 | 11 |
| 83 | Biological Investigations of (+)-Danicalipin A Enabled Through Synthesis. <i>Angewandte Chemie</i> , 2016 , 128, 649-653 | 3.6 | 11 |
| 82 | Trimethyl Orthoacetate and Ethylene Glycol Mono-Vinyl Ether as Enolate Surrogates in Enantioselective Iridium-Catalyzed Allylation. <i>Angewandte Chemie</i> , 2018 , 130, 7780-7784 | 3.6 | 11 |
| 81 | Highly Selective, Amine-Derived Cannabinoid Receptor 2 Probes. <i>Chemistry - A European Journal</i> , 2020 , 26, 1380-1387 | 4.8 | 10 |
| 80 | Enantioselective Total Synthesis of Terreumols A and C from the Mushroom <i>Tricholoma terreum</i> . <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2916-9 | 16.4 | 10 |
| 79 | Total Synthesis of Nominal Banyaside B: Structural Revision of the Glycosylation Site. <i>Angewandte Chemie</i> , 2010 , 122, 9415-9418 | 3.6 | 10 |
| 78 | Diastereoselective acetylide additions to a [3.2.1]-dioxabicyclooctanone: Installation of the C(4) stereocenter of (+)-zaragozic acid C. <i>Tetrahedron Letters</i> , 1995 , 36, 1209-1212 | 2 | 10 |
| 77 | Formation of β -SF5-Enolate Enables Preparation of 3-SF5-Quinolin-2-ones, 3-SF5-Quinolines, and 3-SF5-Pyridin-2-ones: Evaluation of their Physicochemical Properties. <i>Angewandte Chemie</i> , 2016 , 128, 2153-2157 | 3.6 | 10 |
| 76 | Optical Control of Cannabinoid Receptor 2-Mediated Ca Release Enabled by Synthesis of Photoswitchable Probes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 736-743 | 16.4 | 10 |
| 75 | Palladiumkatalysierte C-H-Alkinylierung inaktivierter Alkene. <i>Angewandte Chemie</i> , 2020 , 132, 7892-7896 | 3.6 | 10 |
| 74 | Enantioselective Addition of Alkynes to β,β -Dichlorinated Aldehydes. <i>Organic Letters</i> , 2017 , 19, 743-745 | 6.2 | 9 |
| 73 | Differential interaction of an AmB analogue and ergosterol in enantiomeric membranes. <i>Organic Letters</i> , 2010 , 12, 1772-5 | 6.2 | 9 |
| 72 | Synthesis and investigation of tryptophan-amphotericin B conjugates. <i>ChemBioChem</i> , 2009 , 10, 1617-20 | 3.8 | 9 |
| 71 | Cycloaddition Reactions 2010 , 43-82 | | 9 |
| 70 | Solid-phase synthesis of photochromic spiropyrans. <i>Organic Letters</i> , 2005 , 7, 1609-12 | 6.2 | 9 |
| 69 | Enantioselective Synthesis of Cyclic Nitrones by Chemoselective Intramolecular Allylic Alkylation of Oximes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9913-9918 | 16.4 | 9 |

| | | | |
|----|--|---------|---|
| 68 | Synthesis of substituted tetrahydrofuranones and tetrahydropyranones: Photocycloaddition/fragmentation reactions of dioxinones. <i>Tetrahedron Letters</i> , 1997 , 38, 5579-5582 | 2 | 8 |
| 67 | Δ ⁸ -Tetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , 2021 , 84, 2502-2510 | 4.9 | 8 |
| 66 | Molecular Recognition and Cocrystallization of Methylated and Halogenated Fragments of Danicalipin A by Enantiopure Allenic-Acetylenic Cage Receptors. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4749-4755 | 16.4 | 7 |
| 65 | Total Synthesis of (+)-Dendrowardol C. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10890-10893 | 16.4 | 7 |
| 64 | Total Synthesis of (±)-Dendrobine. <i>Angewandte Chemie</i> , 2012 , 124, 3492-3495 | 3.6 | 7 |
| 63 | Enantio- and Chemoselective Intramolecular Iridium-Catalyzed -Allylation of Oximes. <i>Organic Letters</i> , 2021 , 23, 2643-2647 | 6.2 | 7 |
| 62 | Total Synthesis of (+)-Sarcophytin. <i>Angewandte Chemie</i> , 2018 , 130, 831-834 | 3.6 | 7 |
| 61 | Mass Balances and Life Cycle Assessment | 200-227 | 7 |
| 60 | Bicyclo[3.2.0]heptane as a Core Structure for Conformational Locking of 1,3-Bis-Pharmacophores, Exemplified by GABA. <i>Chemistry - A European Journal</i> , 2017 , 23, 3126-3138 | 4.8 | 6 |
| 59 | Ir-Catalyzed Enantioconvergent Synthesis of Diversely Protected Allenic Amines Employing Ammonia Surrogates. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16404-16408 | 16.4 | 6 |
| 58 | Bioisosteric Exchange of C -Chloro and Methyl Substituents: Synthesis and Initial Biological Studies of Atpenin A5 Analogues. <i>Angewandte Chemie</i> , 2016 , 128, 4117-4121 | 3.6 | 6 |
| 57 | Asymmetric Synthesis of the Tricyclooctane Core of Trachylobane Natural Products and Related Terpenoids. <i>Organic Letters</i> , 2019 , 21, 8705-8707 | 6.2 | 6 |
| 56 | Structure determination of slowly exchanging conformers in solution using high-resolution NMR, computational modeling and DFT-GIAO chemical shielding: application to an erythronolide A derivative. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 909-16 | 2.1 | 6 |
| 55 | Azoacetylenes for the Synthesis of Arylazotriazole Photoswitches. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14495-14501 | 16.4 | 6 |
| 54 | Morpholine Ketene Aminal as Amide Enolate Surrogate in Iridium-Catalyzed Asymmetric Allylic Alkylation. <i>Angewandte Chemie</i> , 2019 , 131, 9637-9641 | 3.6 | 5 |
| 53 | Derailed Ohira-Bestmann Reaction of α,β -Unsaturated Aldehydes for the Stereoselective Synthesis of Cyclopenta[c]pyrazoles. <i>Helvetica Chimica Acta</i> , 2020 , 103, e2000058 | 2 | 5 |
| 52 | Total Synthesis of Epicolactone. <i>Angewandte Chemie</i> , 2018 , 130, 13343-13346 | 3.6 | 5 |
| 51 | Active amphotericin B derivatives position the mycosamine in two radial orientations. <i>ChemBioChem</i> , 2010 , 11, 778-81 | 3.8 | 5 |

| | | | |
|----|--|------|---|
| 50 | Light-mediated discovery of surfaceome nanoscale organization and intercellular receptor interaction networks. <i>Nature Communications</i> , 2021 , 12, 7036 | 17.4 | 5 |
| 49 | Mutanobactin D from the Human Microbiome: Total Synthesis, Configurational Assignment, and Biological Evaluation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10389-10402 | 16.4 | 5 |
| 48 | A Unified Strategy to 6-5-6-5-6-Membered Epipolythiodiketopiperazines: Studies towards the Total Synthesis of Scabrosin Diacetate and Haematocin. <i>Chemistry - A European Journal</i> , 2015 , 21, 12475-80 | 4.8 | 4 |
| 47 | Enantioselective Iridium-Catalyzed β -Allylation with Aqueous Solutions of Acetaldehyde. <i>Organic Letters</i> , 2020 , 22, 1135-1138 | 6.2 | 4 |
| 46 | Nucleophilic additions to a spiro[2,4]hepta-4,6-diene 4-nitrile: Synthesis of 1,2-disubstituted cyclopentenes. <i>Tetrahedron Letters</i> , 1998 , 39, 5675-5678 | 2 | 4 |
| 45 | Enantioselective Total Synthesis of (+)-Euphorikanin A. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8261-8265 | 16.4 | 4 |
| 44 | Synthesis and Biological Evaluation of Bromo- and Fluorodanicalipin A. <i>Angewandte Chemie</i> , 2016 , 128, 2601-2604 | 3.6 | 4 |
| 43 | Total Synthesis of (R)-Merochlorin A. <i>Angewandte Chemie</i> , 2019 , 131, 2512-2516 | 3.6 | 4 |
| 42 | Facile, Novel Methodology for the Synthesis of Spiro[pyrrolidin-3,3'-oxindoles]: Catalyzed Ring Expansion Reactions of Cyclopropanes by Aldimines 1999 , 38, 3186 | | 4 |
| 41 | Synthesis and Structure-Activity Relationship Studies of Anti-Inflammatory Epoxyisoprostane Analogues. <i>Organic Letters</i> , 2018 , 20, 3014-3016 | 6.2 | 3 |
| 40 | Enantioselective Totalsynthese der Terreumole A und C aus dem Pilz <i>Tricholoma terreum</i> . <i>Angewandte Chemie</i> , 2016 , 128, 2969-2972 | 3.6 | 3 |
| 39 | Cobalt-Catalyzed Cyclization of Unsaturated N-Acyl Sulfonamides: a Diverted Mukaiyama Hydration Reaction. <i>Jacs Au</i> , | | 3 |
| 38 | The Serendipitous Discovery of a Rose Odorant. <i>Chimia</i> , 2020 , 74, 247-251 | 1.3 | 2 |
| 37 | -based Configuration Analysis: An Enabling NMR-Spectroscopic Tool in the Synthesis and Study of Chlorinated Natural Products. <i>Chimia</i> , 2011 , 65, 814 | 1.3 | 2 |
| 36 | Catalytic Decarbonylation of Epoxyaldehydes: Applications to the Preparation of Terminal Epoxides. <i>Synlett</i> , 2009 , 2009, 2076-2078 | 2.2 | 2 |
| 35 | Mechanistic implications of stereospecific 1,5-hydrogen-atom transfer in the formation of an unusual allene/enoate photoproduct. <i>Tetrahedron Letters</i> , 1997 , 38, 8789-8792 | 2 | 2 |
| 34 | Grainyhead 1 acts as a drug-inducible conserved transcriptional regulator linked to insulin signaling and lifespan.. <i>Nature Communications</i> , 2022 , 13, 107 | 17.4 | 2 |
| 33 | Reversible Spatiotemporal Control of Induced Protein Degradation by Bistable photoPROTACs | | 2 |

| | | | |
|----|---|------|---|
| 32 | Total Synthesis and Structural Revision of a Harziane Diterpenoid. <i>Angewandte Chemie</i> , 2020 , 132, 1208-1212 | 2 | 2 |
| 31 | Mn- and Co-Catalyzed Aminocyclizations of Unsaturated Hydrazones Providing a Broad Range of Functionalized Pyrazolines. <i>Jacs Au</i> , 2021 , 1, 919-924 | 2 | |
| 30 | Organic Letters 2.0: A New Beginning. <i>Organic Letters</i> , 2019 , 21, 1-4 | 6.2 | 2 |
| 29 | Discovery and Surprises with Cyclizations, Cycloadditions, Fragmentations, and Rearrangements in Complex Settings. <i>Accounts of Chemical Research</i> , 2021 , 54, 890-902 | 24.3 | 2 |
| 28 | [1,3]-Sigmatropic Shift of an Allylic Chloride. <i>Helvetica Chimica Acta</i> , 2018 , 101, e1800148 | 2 | 2 |
| 27 | Unconventional Rose Odorants: Serendipitous Discovery and Unique Olfactory Properties of 2,2-Bis(prenyl)-3-oxobutyronitrile and Its Derivatives. <i>Synthesis</i> , 2018 , 50, 4490-4500 | 2.9 | 2 |
| 26 | Allene C(sp)-H Activation and Alkenylation Catalyzed by Palladium.. <i>Journal of the American Chemical Society</i> , 2021 , 143, 21705-21712 | 16.4 | 2 |
| 25 | Aqueous Instability of β -Fluorobutylpiperidines. <i>ChemMedChem</i> , 2017 , 12, 431-437 | 3.7 | 1 |
| 24 | The Journal of Organic Chemistry Global Enterprise. <i>Journal of Organic Chemistry</i> , 2019 , 84, 4953 | 4.2 | 1 |
| 23 | Ring-fused cyclobutanes cycloisomerization of alkylidenecyclopropane acylsilanes. <i>Chemical Science</i> , 2020 , 11, 5294-5298 | 9.4 | 1 |
| 22 | Azides by Olefin Hydroazidation Reactions95-111 | | 1 |
| 21 | Modern Arylations of Carbonyl Compounds271-309 | | 1 |
| 20 | C \equiv N Transformation at Terminal Alkynes29-85 | | 1 |
| 19 | Enantioselective Synthesis of Cyclic Nitrones by Chemoselective Intramolecular Allylic Alkylation of Oximes. <i>Angewandte Chemie</i> , 2021 , 133, 10001-10006 | 3.6 | 1 |
| 18 | Synthesis of (3-Chlorobutyl)benzene by the Cobalt-Catalyzed Hydrochlorination of 4-Phenyl-1-Butene 2010 , 88-94 | | 1 |
| 17 | Total Synthesis of Shearinines D and G: A Convergent Approach to Indole Diterpenoids. <i>Angewandte Chemie</i> , 2022 , 134, e202112838 | 3.6 | 0 |
| 16 | Confronting Racism in Chemistry Journals. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6131-6133 | 5.6 | |
| 15 | Confronting Racism in Chemistry Journals. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 2496-2498 | 4.3 | |

| | | |
|----|--|-----|
| 14 | Ir-Catalyzed Enantioconvergent Synthesis of Diversely Protected Allenylic Amines Employing Ammonia Surrogates. <i>Angewandte Chemie</i> , 2020 , 132, 16546 | 3.6 |
| 13 | Confronting Racism in Chemistry Journals. <i>Organometallics</i> , 2020 , 39, 2331-2333 | 3.8 |
| 12 | Update to Our Reader, Reviewer, and Author Communities April 2020. <i>Energy & Fuels</i> , 2020 , 34, 5107-5108 | 4.1 |
| 11 | Update to Our Reader, Reviewer, and Author Communities April 2020. <i>Organometallics</i> , 2020 , 39, 1665-1666 | 3.6 |
| 10 | The Catalytic, Enantioselective Favorskii Reaction: In Situ Formation of Metal Alkynylides and Their Additions to Aldehydes 2019 , 207-254 | |
| 9 | Tactics and Strategies in the Total Synthesis of Chlorosulfolipids 2013 , 353-361 | |
| 8 | Total Synthesis of (+)-Dendrowardol C. <i>Angewandte Chemie</i> , 2017 , 129, 11030-11033 | 3.6 |
| 7 | Syntheses of Transition Metal Nitride Complexes 129-167 | |
| 6 | Confronting Racism in Chemistry Journals. <i>Journal of Chemical Health and Safety</i> , 2020 , 27, 198-200 | 1.7 |
| 5 | Total Synthesis of (±)-Mitrephorone A. <i>Synfacts</i> , 2021 , 17, 0014 | 0 |
| 4 | Modern Catalytic Enantioselective Approaches to Piperidines 2020 , 249-271 | |
| 3 | Total Synthesis of (+)-Euphorikanin A. <i>Synfacts</i> , 2021 , 17, 0852 | 0 |
| 2 | Synthesis of Chlorosulfolipid Natural Products. <i>Topics in Heterocyclic Chemistry</i> , 2021 , 439-465 | 0.2 |
| 1 | Pyridyl Radical Cation for C-H Amination of Arenes. <i>Angewandte Chemie</i> , 2018 , 131, 536 | 3.6 |