

# Larry E Overman

## 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.

362  
papers

23,963  
citations

80  
h-index

133  
g-index

461  
ext. papers

25,789  
ext. citations

9.9  
avg, IF

7.27  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 362 | Strategic Use of Visible-Light Photoredox Catalysis in Natural Product Synthesis. <i>Chemical Reviews</i> , <b>2021</b> ,  | 68.1 | 27        |
| 361 | Lewis Acid Activation of Fragment-Coupling Reactions of Tertiary Carbon Radicals Promoted by Visible-Light Irradiation of EDA Complexes. <i>Organic Letters</i> , <b>2021</b> , 23, 1103-1106  | 6.2  | 12        |
| 360 | Constructing Saturated Guanidinium Heterocycles by Cycloaddition of $\alpha$ -Amidinylium Ions with Indoles. <i>Organic Letters</i> , <b>2021</b> , 23, 7618-7623  | 6.2  | 2         |
| 359 | Enantioselective Total Synthesis of Macfarlandin C, a Spongian Diterpenoid Harboring a Concave-Substituted cis-Dioxabicyclo[3.3.0]octanone Fragment. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6268-6272                  | 16.4 | 8         |
| 358 | Enantioselective Total Synthesis of Macfarlandin C, a Spongian Diterpenoid Harboring a Concave-Substituted cis-Dioxabicyclo[3.3.0]octanone Fragment. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 6327-6331   | 16.4 | 8         |
| 357 | General Access to Concave-Substituted $\alpha$ -Dioxabicyclo[3.3.0]octanones: Enantioselective Total Syntheses of Macfarlandin C and Dendrillolide A. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 15532-15551                            | 4.2  | 3         |
| 356 | Facile Preparation of Spirolactones by an Alkoxy carbonyl Radical Cyclization-Cross-Coupling Cascade. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 8649-8653  | 3.6  | 7         |
| 355 | Facile Preparation of Spirolactones by an Alkoxy carbonyl Radical Cyclization-Cross-Coupling Cascade. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8561-8565   | 16.4 | 31        |
| 354 | Tertiary Alcohols as Radical Precursors for the Introduction of Tertiary Substituents into Heteroarenes. <i>ACS Catalysis</i> , <b>2019</b> , 9, 3413-3418   | 13.1 | 42        |
| 353 | Attenuation of hedgehog/GLI signaling by NT1721 extends survival in pancreatic cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 431   | 12.8 | 2         |
| 352 | Forging C(sp)-C(sp) Bonds with Carbon-Centered Radicals in the Synthesis of Complex Molecules. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 2800-2813  | 16.4 | 73        |
| 351 | Visible-Light Photocatalysis in the Synthesis of Natural Products <b>2018</b> , 283-297  |      | 4         |
| 350 | Total Synthesis of (-)-Chromodorolide B By a Computationally-Guided Radical Addition/Cyclization/Fragmentation Cascade. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 3091-3102   | 16.4 | 37        |
| 349 | 1,6-Addition of Tertiary Carbon Radicals Generated From Alcohols or Carboxylic Acids by Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , <b>2018</b> , 20, 868-871   | 6.2  | 25        |
| 348 | Short Enantioselective Total Syntheses of Cheloviolenes A and B and Dendrillolide C via Convergent Fragment Coupling Using a Tertiary Carbon Radical. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 6958-6976                              | 4.2  | 37        |
| 347 | Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , <b>2018</b> , 4, 1727-1741  | 16.8 | 26        |
| 346 | Versatile Construction of 6-Substituted cis-2,8-Dioxabicyclo[3.3.0]octan-3-ones: Short Enantioselective Total Syntheses of Cheloviolenes A and B and Dendrillolide C. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 7192-7195 | 16.4 | 45        |

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| 345 | Analogues of Marine Guanidine Alkaloids Are in Vitro Effective against Trypanosoma cruzi and Selectively Eliminate Leishmania (L.) infantum Intracellular Amastigotes. <i>Journal of Natural Products</i> , <b>2016</b> , 79, 2202-10                    | 4.9  | 30  |
| 344 | Diastereoselective Coupling of Chiral Acetonide Trisubstituted Radicals with Alkenes. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 8786-90  | 4.8  | 10  |
| 343 | Short Enantioselective Total Syntheses of trans-Clerodane Diterpenoids: Convergent Fragment Coupling Using a trans-Decalin Tertiary Radical Generated from a Tertiary Alcohol Precursor. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 7029-35 | 4.2  | 40  |
| 342 | H3K9me3 Inhibition Improves Memory, Promotes Spine Formation, and Increases BDNF Levels in the Aged Hippocampus. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 3611-22  | 6.6  | 72  |
| 341 | Total Synthesis of (-)-Chromodorolide B. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 2186-9   | 16.4 | 38  |
| 340 | NT1721, a novel epidithiodiketopiperazine, exhibits potent in vitro and in vivo efficacy against acute myeloid leukemia. <i>Oncotarget</i> , <b>2016</b> , 7, 86186-86197  | 3.3  | 8   |
| 339 | Synthetic Strategies toward Natural Products Containing Contiguous Stereogenic Quaternary Carbon Atoms. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4156-86   | 16.4 | 198 |
| 338 | Strategien für die Synthese von Naturstoffen mit benachbarten stereogenen quartären Kohlenstoffatomen. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4226-4258   | 3.6  | 61  |
| 337 | Generation of the Methoxycarbonyl Radical by Visible-Light Photoredox Catalysis and Its Conjugate Addition with Electron-Deficient Olefins. <i>Organic Letters</i> , <b>2016</b> , 18, 2564-7  | 6.2  | 43  |
| 336 | Palladium(II)-Catalyzed Enantioselective Reactions Using COP Catalysts. <i>Accounts of Chemical Research</i> , <b>2016</b> , 49, 2220-2231   | 24.3 | 41  |
| 335 | Fragment Coupling with Tertiary Radicals Generated by Visible-Light Photocatalysis. <i>Accounts of Chemical Research</i> , <b>2016</b> , 49, 1578-86   | 24.3 | 144 |
| 334 | Stereocontrolled enantioselective total synthesis of the [2+2] quadrigemine alkaloids. <i>Tetrahedron</i> , <b>2015</b> , 71, 6424-6436  | 2.4  | 13  |
| 333 | Synthesis of 2,5-Diaryl-1,5-dienes from Allylic Bromides Using Visible-Light Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 11388-97  | 4.2  | 14  |
| 332 | Tricyclic Analogues of Epidithiodioxopiperazine Alkaloids with Promising and Antitumor Activity. <i>Chemical Science</i> , <b>2015</b> , 6, 4451-4457  | 9.4  | 23  |
| 331 | Oxalates as Activating Groups for Alcohols in Visible Light Photoredox Catalysis: Formation of Quaternary Centers by Redox-Neutral Fragment Coupling. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 11270-11273                   | 16.4 | 226 |
| 330 | Ligand-Controlled Diastereoselective 1,3-Dipolar Cycloadditions of Azomethine Ylides with Methacrylonitrile. <i>Organic Letters</i> , <b>2015</b> , 17, 6166-9   | 6.2  | 14  |
| 329 | Constructing Quaternary Carbons from N-(Acyloxy)phthalimide Precursors of Tertiary Radicals Using Visible-Light Photocatalysis. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 6025-36  | 4.2  | 172 |
| 328 | Fragment Coupling and the Construction of Quaternary Carbons Using Tertiary Radicals Generated From tert-Alkyl N-Phthalimidoyl Oxalates By Visible-Light Photocatalysis. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 6012-24                 | 4.2  | 75  |

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| 327 | Constructing quaternary stereogenic centers using tertiary organocuprates and tertiary radicals. Total synthesis of trans-clerodane natural products. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 660-3   | 16.4 | 82  |
| 326 | The insulin secretory action of novel polycyclic guanidines: discovery through open innovation phenotypic screening, and exploration of structure-activity relationships. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 1031-6   | 2.9  | 6   |
| 325 | Catalytic enantioselective synthesis of quaternary carbon stereocentres. <i>Nature</i> , <b>2014</b> , 516, 181-91   | 50.4 | 617 |
| 324 | Total synthesis of (+)-sieboldine a: evolution of a pinacol-terminated cyclization strategy. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 9-34  | 4.2  | 43  |
| 323 | Enantioselective total syntheses of plectosphaeroic acids B and C. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 8766-88   | 4.2  | 14  |
| 322 | Direct construction of quaternary carbons from tertiary alcohols via photoredox-catalyzed fragmentation of tert-alkyl N-phthalimidoyl oxalates. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 15342-5   | 16.4 | 195 |
| 321 | Enantioselective synthesis of angularly substituted 1-azabicyclic rings: coupled dynamic kinetic epimerization and chirality transfer. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 9929-48   | 4.2  | 13  |
| 320 | Enantioselective total synthesis of plectosphaeroic acid B. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 4231-4  | 16.4 | 34  |
| 319 | General approach for preparing epidithiodioxopiperazines from trioxopiperazine precursors: enantioselective total syntheses of (+)- and (-)-gliocladiene C, (+)-leptosin D, (+)-T988C, (+)-bionectin A, and (+)-gliocladiene A. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 4117-28 | 16.4 | 72  |
| 318 | Palladacyclic imidazoline-naphthalene complexes: synthesis and catalytic performance in Pd(II)-catalyzed enantioselective reactions of allylic trichloroacetimidates. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 1939-51  | 4.2  | 18  |
| 317 | Palladium(II)-catalyzed enantioselective synthesis of 2-vinyl oxygen heterocycles. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 1961-73   | 4.2  | 50  |
| 316 | Origins of stereoselectivities of dihydroxylations of cis-bicyclo[3.3.0]octenes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 16054-8  | 16.4 | 15  |
| 315 | A Concise Synthesis of (±)-Aplyviolene Facilitated by a Strategic Tertiary Radical Conjugate Addition. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 9714-9718   | 3.6  | 70  |
| 314 | Forming Tertiary Organolithiums and Organocuprates from Nitrile Precursors and their Bimolecular Reactions with Carbon Electrophiles to Form Quaternary Carbon Stereocenters. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 9719-9724  | 3.6  | 1   |
| 313 | A concise synthesis of (-)-aplyviolene facilitated by a strategic tertiary radical conjugate addition. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9576-80  | 16.4 | 224 |
| 312 | Forming tertiary organolithiums and organocuprates from nitrile precursors and their bimolecular reactions with carbon electrophiles to form quaternary carbon stereocenters. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9581-6  | 16.4 | 17  |
| 311 | Kein Ende für Totalsynthesen von Strychnin in Sicht? Lektionen für Strategien und Methoden in der Totalsynthese. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 4362-4386   | 3.6  | 44  |
| 310 | Is there no end to the total syntheses of strychnine? Lessons learned in strategy and tactics in total synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4288-311  | 16.4 | 121 |

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| 309 | Enantioselective total synthesis of (+)-glioclidine C: convergent construction of cyclotryptamine-fused polyoxopiperazines and a general approach for preparing epidithiodioxopiperazines from trioxopiperazine precursors. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6549-52 | 16.4 | 142 |
| 308 | The Aza-Cope/Mannich Reaction <b>2011</b> , 747-820  |      | 9   |
| 307 | Divergent synthesis and chemical reactivity of bicyclic lactone fragments of complex rearranged spongian diterpenes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 17494-503  | 16.4 | 28  |
| 306 | Total synthesis of (+)-condylocarpine, (+)-isocondylocarpine, and (+)-tubotaiwine. <i>Organic Letters</i> , <b>2011</b> , 13, 138-41   | 6.2  | 24  |
| 305 | Identification of an Unexpected 2-Oxonia[3,3]sigmatropic Rearrangement/Aldol Pathway in the Formation of Oxacyclic Rings. Total Synthesis of (+)-Aspergillin PZ. <i>Tetrahedron</i> , <b>2011</b> , 67, 9837-9843  | 2.4  | 36  |
| 304 | Enantioselective total synthesis of aplyviolene. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16425-7  | 16.4 | 36  |
| 303 | Golgi-modifying properties of macfarlandin E and the synthesis and evaluation of its 2,7-dioxabicyclo[3.2.1]octan-3-one core. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 6158-63  | 11.5 | 40  |
| 302 | Cluster Preface: Stereoselective Synthesis of Stereogenic Quaternary Carbons: A Formidable Challenge and Remarkable Recent Progress. <i>Synlett</i> , <b>2010</b> , 2010, 1692-1693  | 2.2  | 2   |
| 301 | Total synthesis of (+)-nankakurines A and B and (±)-5-epi-nankakurine A. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 7519-34   | 4.2  | 59  |
| 300 | Catalytic asymmetric synthesis of chiral allylic esters. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 15185-91   | 16.4 | 60  |
| 299 | Mechanism of the cobalt oxazoline palladacycle (COP)-catalyzed asymmetric synthesis of allylic esters. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 15192-203  | 16.4 | 54  |
| 298 | Total synthesis of (+/-)- and (-)-actinophyllic acid. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4894-906  | 16.4 | 104 |
| 297 | Total synthesis of (+)-sieboldine A. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 7876-7   | 16.4 | 91  |
| 296 | Origin of stereocontrol in the construction of the 12-oxatricyclo[6.3.1.0(2,7)]dodecane ring system by Prins-pinacol reactions. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 455-63   | 4.2  | 18  |
| 295 | Enantioselective synthesis of angularly substituted 1-azabicyclic ring systems: dynamic kinetic resolution using aza-Cope rearrangements. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 3272-3  | 16.4 | 28  |
| 294 | Terminating Catalytic Asymmetric Heck Cyclizations by Stereoselective Intramolecular Capture of Allylpalladium Intermediates: Total Synthesis of (-)-Spirotryprostatin B and Three Stereoisomers. <i>Tetrahedron</i> , <b>2010</b> , 66, 6514-6525   | 2.4  | 36  |
| 293 | Catalytic Asymmetric Synthesis of Branched Chiral Allylic Phenyl Ethers from (-)-Allylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 3186-3192  | 5.6  | 33  |
| 292 | Molecular Rearrangements in the Construction of Complex Molecules. <i>Tetrahedron</i> , <b>2009</b> , 65, 6432-6446  | 2.4  | 51  |

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| 291 | Absolute configuration of actinophyllic acid as determined through chiroptical data. <i>Journal of Natural Products</i> , <b>2009</b> , 72, 430-2  | 4.9  | 41  |
| 290 | A unified strategy for enantioselective total synthesis of cladiellin and briarellin diterpenes: total synthesis of briarellins E and F and the putative structure of alcyonin and revision of its structure assignment. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 5458-70 | 4.2  | 29  |
| 289 | Asymmetric construction of rings A-D of daphnicyclidin-type alkaloids. <i>Organic Letters</i> , <b>2009</b> , 11, 5658-61  | 6.2  | 62  |
| 288 | Total synthesis of the strychnos alkaloid (+)-minfiensine: tandem enantioselective intramolecular Heck-iminium ion cyclization. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 5368-77   | 16.4 | 183 |
| 287 | Total synthesis of (+/-)-actinophyllic acid. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7568-9   | 16.4 | 107 |
| 286 | Catalytic asymmetric synthesis of allylic thiol derivatives. <i>Organic Letters</i> , <b>2008</b> , 10, 1485-8   | 6.2  | 32  |
| 285 | A versatile synthesis of unsymmetrical 3,3'-bioxindoles: stereoselective Mukaiyama aldol reactions of 2-siloxyindoles with isatins. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 9151-4   | 4.2  | 25  |
| 284 | Enantioselective total syntheses of nankakurines A and B: confirmation of structure and establishment of absolute configuration. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 11297-9  | 16.4 | 49  |
| 283 | Construction of epidithiodioxopiperazines by directed oxidation of hydroxyproline-derived dioxopiperazines. <i>Organic Letters</i> , <b>2007</b> , 9, 5267-70  | 6.2  | 54  |
| 282 | Enantioselective total synthesis of (+)-gliocladin C. <i>Organic Letters</i> , <b>2007</b> , 9, 339-41   | 6.2  | 91  |
| 281 | On the structure of palauamine: evidence for the revised relative configuration from chemical synthesis. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 12896-900  | 16.4 | 69  |
| 280 | Catalytic asymmetric synthesis of allylic aryl ethers. <i>Organic Letters</i> , <b>2007</b> , 9, 911-3   | 6.2  | 71  |
| 279 | Intramolecular Heck Reactions in Natural Product Chemistry <b>2007</b> , 230-269   |      | 1   |
| 278 | Total synthesis of complex cyclotryptamine alkaloids: stereocontrolled construction of quaternary carbon stereocenters. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 5488-508  | 16.4 | 369 |
| 277 | Total synthesis of (+)-asperazine. <i>Tetrahedron</i> , <b>2007</b> , 63, 8499-8513  | 2.4  | 73  |
| 276 | Kinetic and computational analysis of the palladium(II)-catalyzed asymmetric allylic trichloroacetimidate rearrangement: development of a model for enantioselectivity. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 5031-44                                     | 16.4 | 114 |
| 275 | Synthesis of all low-energy stereoisomers of the tris(pyrrolidinoindoline) alkaloid hodgkinsine and preliminary assessment of their antinociceptive activity. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 7909-14  | 4.2  | 28  |
| 274 | Total synthesis of (+)-sarain A. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 11987-2002   | 16.4 | 89  |

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| 273 | Preparation of (S)-2-(4-Methylethyl)-Oxazolinylcyclopentadienyl)-(R)-Tetraphenylcyclo-Butadiene)cobalt <b>2007</b> , 139-147  |      | 4   |
| 272 | Preparation of the COP Catalysts: [(S)-COP-OAc] <sub>2</sub> , [(S)-COP-Cl] <sub>2</sub> , and (S)-COP-hfacac <b>2007</b> , 148-155   |      | 5   |
| 271 | Total synthesis of (-)-sarain A. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2912-5  | 16.4 | 56  |
| 270 | Total Synthesis of (R)-Sarain A. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 2978-2981  | 3.6  | 16  |
| 269 | Enantioselective total synthesis of batzelladine F and definition of its structure. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 2604-8   | 16.4 | 52  |
| 268 | Evolution of a strategy for the synthesis of structurally complex batzelladine alkaloids. Enantioselective total synthesis of the proposed structure of batzelladine F and structural revision. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 2594-603 | 16.4 | 42  |
| 267 | Concise synthesis of guanidine-containing heterocycles using the Biginelli reaction. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 7706-14  | 4.2  | 76  |
| 266 | Stereocontrolled synthesis of functionalized cis-cyclopentapyrazolidines by 1,3-dipolar cycloaddition reactions of azomethine imines. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 9144-52   | 4.2  | 40  |
| 265 | Scope and facial selectivity of the Prins-pinacol synthesis of attached rings. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 1581-7   | 4.2  | 77  |
| 264 | Enantioselective total synthesis of guanacastepene N using an uncommon 7-endo Heck cyclization as a pivotal step. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 13095-101  | 16.4 | 77  |
| 263 | Diastereoselection in the formation of contiguous quaternary carbon stereocenters by the intramolecular Heck reaction. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 2600-8   | 4.2  | 25  |
| 262 | EVALUATION OF STRATEGIES FOR THE SYNTHESIS OF THE GUANIDINE HEMIAMINAL PORTION OF PALAUQUAMINE. <i>Heterocycles</i> , <b>2006</b> , 70, 557-570   | 0.8  | 22  |
| 261 | Diastereoselection in the formation of spirocyclic oxindoles by the intramolecular Heck reaction. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 2587-99   | 4.2  | 49  |
| 260 | Synthesis of Dihydroquinolinones Angularly-fused to Tetrahydrobenzazepinone Rings. <i>Heterocycles</i> , <b>2006</b> , 67, 585  | 0.8  | 2   |
| 259 | Sequential catalytic asymmetric Heck-iminium ion cyclization: enantioselective total synthesis of the Strychnos alkaloid minfiensine. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 10186-7  | 16.4 | 151 |
| 258 | Stereocontrolled synthesis of angularly substituted 1-azabicyclic rings by cationic 2-aza-cope rearrangements. <i>Organic Letters</i> , <b>2005</b> , 7, 913-6  | 6.2  | 17  |
| 257 | Total synthesis of (-)-crambidine and definition of the relative configuration of its unique tetracyclic guanidinium core. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 15652-8   | 16.4 | 21  |
| 256 | Catalytic asymmetric intramolecular aminopalladation: improved palladium(II) catalysts. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 2859-61   | 4.2  | 48  |

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| 255 | Catalytic asymmetric synthesis of chiral allylic amines. Evaluation of ferrocenyloxazoline palladacycle catalysts and imidate motifs. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 648-57   | 4.2  | 114 |
| 254 | Synthesis of tert-Leucine-Derived Cobalt Oxazoline Palladacycles. Reversal of Palladation Diastereoselectivity and Application to the Asymmetric Rearrangement of N-Aryl Trifluoroacetimidates. <i>Organometallics</i> , <b>2005</b> , 24, 77-81 | 3.8  | 76  |
| 253 | Aza-cope rearrangement-mannich cyclizations for the formation of complex tricyclic amines: stereocontrolled total synthesis of (+/-)-gelsemine. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 18046-53                    | 16.4 | 53  |
| 252 | Use of the intramolecular Heck reaction for forming congested quaternary carbon stereocenters. Stereocontrolled total synthesis of (+/-)-gelsemine. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 18054-65                | 16.4 | 108 |
| 251 | Total synthesis and properties of the crambescidin core zwitterionic acid and crambescidin 359. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 3380-90   | 16.4 | 36  |
| 250 | The Allylic Trihaloacetimidate Rearrangement <b>2005</b> , 1-107   |      | 39  |
| 249 | Toward an enantioselective total synthesis of sarain A: construction of an advanced intermediate and rearrangement of the sarain A core under mild conditions. <i>Organic Letters</i> , <b>2005</b> , 7, 933-6                                   | 6.2  | 30  |
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| 17 | The preparation of ureas by the thermolysis of allylic pseudoureas. <i>Tetrahedron Letters</i> , <b>1976</b> , 17, 1144-1148   |      | 5       |
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| 15 | Synthesis of 1-azaspiro[5.5]undec-7-en-2-one. <i>Tetrahedron Letters</i> , <b>1975</b> , 16, 1149-1152   | 2    | 11      |
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| 13 | Hemiacetal mediated reactions. Directed synthesis of diols and acetals. <i>Journal of Organic Chemistry</i> , <b>1974</b> , 39, 1474-1481  | 4.2  | 32      |
| 12 | Intramolecular delivery of a water equivalent in the oxymercuration reaction. Conversion of an allylic alcohol into a cis- vicinal diol. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1972</b> , 1196                           |      | 5       |
| 11 | Solvolytic rearrangements accompanied by multiple alkyl shifts. <i>Journal of the American Chemical Society</i> , <b>1971</b> , 93, 2247-2253  | 16.4 | 6       |
| 10 | An "artificial enzyme" combining a metal catalytic group and a hydrophobic binding cavity. <i>Journal of the American Chemical Society</i> , <b>1970</b> , 92, 1075-7  | 16.4 | 265     |
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- 3 Discussion Addendum for: Preparation of the COP Catalysts: [(S)-COP-OAc]<sub>2</sub>, [(S)-COP-Cl]<sub>2</sub>, and (S)-COP-hfacac500-511
- 2 1-N-Acylamino-1,3-dienes from 2,4-Pentadienoic Acids by the Curtius Rearrangement: Benzyl trans-1,3-butadiene-1-carboxylate
- 1 Fragment Coupling and Formation of Quaternary Carbons by Visible-Light Photoredox Catalyzed Reaction of tert-Alkyl Hemioxalate Salts and Michael Acceptors 167-183 2