

Josã© Marã-a Lassaletta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8029640/publications.pdf>

Version: 2024-02-01

132
papers

6,382
citations

61857

43
h-index

76769

74
g-index

171
all docs

171
docs citations

171
times ranked

4361
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Asymmetric Synthesis of Axially Chiral C [∞] N Atropisomers. <i>Chemistry - A European Journal</i> , 2022, 28, . | 1.7 | 87 |
| 2 | Pd-Catalyzed Dynamic Kinetic Asymmetric Cross-Coupling of Heterobiaryl Bromides with N-Tosylhydrazones. <i>Organic Letters</i> , 2022, 24, 3812-3816. | 2.4 | 11 |
| 3 | Enantio- and Diastereoselective Nucleophilic Addition of N-tert-Butylhydrazones to Isoquinolinium Ions through Anion-Binding Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5096-5101. | 7.2 | 37 |
| 4 | Enantio- and Diastereoselective Nucleophilic Addition of N-tert-Butylhydrazones to Isoquinolinium Ions through Anion-Binding Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 5156-5161. | 1.6 | 11 |
| 5 | Atroposelective Transfer Hydrogenation of Biaryl Aminals via Dynamic Kinetic Resolution. <i>Synthesis of Axially Chiral Diamines. ACS Catalysis</i> , 2021, 11, 4117-4124. | 5.5 | 24 |
| 6 | Room Temperature Ionic Liquids in Asymmetric Hetero-Ene Type Reactions: Improving Organocatalyst Performance at Lower Temperatures. <i>Molecules</i> , 2021, 26, 355. | 1.7 | 0 |
| 7 | ±-Keto hydrazones in asymmetric aminocatalysis: reactivity through ¹ 2-amino aza-dienamine intermediates. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3446-3456. | 2.3 | 4 |
| 8 | Atroposelective transformation of axially chiral (hetero)biaryls. From desymmetrization to modern resolution strategies. <i>Chemical Society Reviews</i> , 2021, 50, 2968-2983. | 18.7 | 196 |
| 9 | Asymmetric cross-aldol reactions of ±-keto hydrazones and ±, ¹ 2-unsaturated ¹ 3-keto hydrazones with trifluoromethyl ketones. <i>Chemical Communications</i> , 2021, 57, 11835-11838. | 2.2 | 3 |
| 10 | Asymmetric synthesis of dibenzo[<i>b</i> , <i>d</i>]azepines by Cu-catalyzed reductive or borylative cyclization. <i>Chemical Science</i> , 2021, 12, 15291-15297. | 3.7 | 11 |
| 11 | Au ^I -Catalyzed Haloalkynylation of Alkenes. <i>Chemistry - A European Journal</i> , 2020, 26, 629-633. | 1.7 | 22 |
| 12 | Ir-Catalyzed Atroposelective Desymmetrization of Heterobiaryls: Hydroarylation of Vinyl Ethers and Bicycloalkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 2628-2639. | 6.6 | 121 |
| 13 | Spotting trends in organocatalysis for the next decade. <i>Nature Communications</i> , 2020, 11, 3787. | 5.8 | 33 |
| 14 | Au ^I -Catalyzed Hydroalkynylation of Haloalkynes. <i>Journal of the American Chemical Society</i> , 2020, 142, 16082-16089. | 6.6 | 26 |
| 15 | Formaldehyde <i>tert</i> -butyl hydrazone as a formyl anion equivalent: asymmetric addition to carbonyl compounds. <i>Chemical Communications</i> , 2020, 56, 9256-9267. | 2.2 | 16 |
| 16 | Catalytic enantioselective synthesis of ±-aryl ±-hydrazino esters and amides. <i>Chemical Communications</i> , 2020, 56, 5823-5826. | 2.2 | 3 |
| 17 | Asymmetric Organocatalytic Synthesis of Fluorinated ¹ 2-Hydroxy Diazenes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 130-138. | 1.2 | 15 |
| 18 | Pyridine-Hydrazone Ligands in Asymmetric Palladium-Catalyzed 1,4- and 1,6-Additions of Arylboronic Acids to Cyclic (Di)enones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 176-184. | 2.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Asymmetric Synthesis of Axially Chiral Biaryls and Heterobiaryls. , 2019, , 1-97. | | 0 |
| 20 | N-Heterotricyclic cationic carbene ligands. Synthesis, reactivity and coordination chemistry. Dalton Transactions, 2018, 47, 5196-5206. | 1.6 | 12 |
| 21 | Bifunctional Squaramide Organocatalysts for the Asymmetric Addition of Formaldehyde to <i>tert</i> -Butylhydrazine to Simple Aldehydes. Chemistry - A European Journal, 2018, 24, 6854-6860. | 1.7 | 19 |
| 22 | Dynamic Kinetic Resolution of Heterobiaryl Ketones by Zinc-Catalyzed Asymmetric Hydrosilylation. Angewandte Chemie, 2018, 130, 3839-3843. | 1.6 | 22 |
| 23 | Dynamic Kinetic Resolution of Heterobiaryl Ketones by Zinc-Catalyzed Asymmetric Hydrosilylation. Angewandte Chemie - International Edition, 2018, 57, 3777-3781. | 7.2 | 77 |
| 24 | Preparation of chitosan-supported urea materials and their application in some organocatalytic procedures. Carbohydrate Polymers, 2018, 199, 365-374. | 5.1 | 10 |
| 25 | Dynamic Kinetic Asymmetric Heck Reaction for the Simultaneous Generation of Central and Axial Chirality. Journal of the American Chemical Society, 2018, 140, 11067-11075. | 6.6 | 98 |
| 26 | Gold(I)-Catalyzed Enantioselective [2+2+2] Cycloadditions: An Expedient Entry to Enantioenriched Tetrahydropyran Scaffolds. ACS Catalysis, 2017, 7, 2397-2402. | 5.5 | 48 |
| 27 | Asymmetric organocatalytic synthesis of tertiary azomethyl alcohols: key intermediates towards azoxy compounds and $\hat{\pm}$ -hydroxy- $\hat{2}$ -amino esters. Organic and Biomolecular Chemistry, 2017, 15, 2993-3005. | 1.5 | 12 |
| 28 | Chirality and catalysis with aromatic N-fused heterobicyclic carbenes. Dalton Transactions, 2016, 45, 10113-10117. | 1.6 | 39 |
| 29 | A Dynamic Kinetic C-P Cross-Coupling for the Asymmetric Synthesis of Axially Chiral P,N Ligands. ACS Catalysis, 2016, 6, 3955-3964. | 5.5 | 95 |
| 30 | Pyridine-hydrazone ligands in enantioselective palladium-catalyzed Suzuki-Miyaura cross-couplings. Tetrahedron, 2016, 72, 5184-5190. | 1.0 | 15 |
| 31 | Solvent-free synthesis of quaternary $\hat{\pm}$ -hydroxy $\hat{\pm}$ -trifluoromethyl diazenes: the key step of a nucleophilic formylation strategy. Green Chemistry, 2016, 18, 4042-4050. | 4.6 | 13 |
| 32 | Synthesis of IAN-type N,N-Ligands via Dynamic Kinetic Asymmetric Buchwald-Hartwig Amination. Journal of the American Chemical Society, 2016, 138, 12053-12056. | 6.6 | 95 |
| 33 | Red-Emitting Tetracoordinate Organoboron Chelates: Synthesis, Photophysical Properties, and Fluorescence Microscopy. Journal of Organic Chemistry, 2016, 81, 9605-9611. | 1.7 | 35 |
| 34 | Hydrazones as Singular Reagents in Asymmetric Organocatalysis. Chemistry - A European Journal, 2016, 22, 13430-13445. | 1.7 | 70 |
| 35 | Synthesis of axially chiral heterobiaryl alkynes via dynamic kinetic asymmetric alkynylation. Chemical Communications, 2016, 52, 14121-14124. | 2.2 | 45 |
| 36 | Strongly Emissive and Photostable Four-Coordinate Organoboron N,C Chelates and Their Use in Fluorescence Microscopy. Chemistry - A European Journal, 2015, 21, 15369-15376. | 1.7 | 54 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Regio- and Enantioselective Allylation of Phenols via Decarboxylative Allylic Etherification of Allyl Aryl Carbonates Catalyzed by (Cyclopentadienyl)ruthenium(II) Complexes and Pyridine-Hydrazone Ligands. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3325-3331. | 2.1 | 13 |
| 38 | Synthesis and Characterization of Axially Chiral Imidazoisoquinolin-2-ylidene Silver and Gold Complexes. <i>Organometallics</i> , 2015, 34, 5073-5080. | 1.1 | 50 |
| 39 | Asymmetric organocatalytic synthesis of quaternary β -hydroxy phosphonates: en route to β -aryl phosphaisoserines. <i>Chemical Communications</i> , 2015, 51, 4077-4080. | 2.2 | 26 |
| 40 | Chiral, Sterically Demanding N-Heterocyclic Carbenes Fused into a Heterobiaryl Skeleton: Design, Synthesis, and Structural Analysis. <i>Organometallics</i> , 2015, 34, 1328-1338. | 1.1 | 31 |
| 41 | Pyridine-Hydrazones as N,N -Ligands in Asymmetric Catalysis: Pd(II)-Catalyzed Addition of Boronic Acids to Cyclic Sulfonylketimines. <i>Organic Letters</i> , 2015, 17, 5104-5107. | 2.4 | 58 |
| 42 | Organic Fluorescent Thermometers Based on Borylated Arylisoquinoline Dyes. <i>Chemistry - A European Journal</i> , 2014, 20, 7638-7645. | 1.7 | 40 |
| 43 | Functional group directed $C\text{-}H$ borylation. <i>Chemical Society Reviews</i> , 2014, 43, 3229-3243. | 18.7 | 513 |
| 44 | Preparation and pH-Switching of Fluorescent Borylated Arylisoquinolines for Multilevel Molecular Logic. <i>Journal of Organic Chemistry</i> , 2013, 78, 7949-7961. | 1.7 | 26 |
| 45 | Asymmetric organocatalytic Strecker-type reactions of aliphatic N,N -dialkylhydrazones. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8247. | 1.5 | 12 |
| 46 | Dual Organocatalytic Activation of Isatins and Formaldehyde N -tert-butyl Hydrazone: Asymmetric Synthesis of Functionalized β -hydroxy α -oxindoles. <i>Chemistry - A European Journal</i> , 2013, 19, 8421-8425. | 1.7 | 35 |
| 47 | Synthesis of enantioenriched azo compounds: organocatalytic Michael addition of formaldehyde N -tert-butyl hydrazone to nitroalkenes. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 326-335. | 1.5 | 20 |
| 48 | Dynamic Kinetic Cross-Coupling Strategy for the Asymmetric Synthesis of Axially Chiral Heterobiaryls. <i>Journal of the American Chemical Society</i> , 2013, 135, 15730-15733. | 6.6 | 185 |
| 49 | Borylated Arylisoquinolines: Photophysical Properties and Switching Behavior of Promising Tunable Fluorophores. <i>Chemistry - A European Journal</i> , 2013, 19, 6650-6661. | 1.7 | 17 |
| 50 | Design and synthesis of new bis-hydrazones and pyridine bis-hydrazones: application in the asymmetric Diels-Alder reaction. <i>Arkivoc</i> , 2013, 2013, 33-45. | 0.3 | 0 |
| 51 | Studies on the Synthesis of 2-Alkyl-5-aryl-1,3,4-oxadiazolines from N -Acyldiazones. <i>Synlett</i> , 2012, 23, 885-888. | 1.0 | 2 |
| 52 | Axially Chiral Triazoloisoquinolin-3-ylidene Ligands in Gold(I)-Catalyzed Asymmetric Intermolecular (4) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 14322-14325. | 6.6 | 182 |
| 53 | Pinacolborane as the Boron Source in Nitrogen-Directed Borylations of Aromatic N,N -Dimethylhydrazones. <i>Journal of Organic Chemistry</i> , 2012, 77, 9915-9920. | 1.7 | 36 |
| 54 | Hydrazone as the Directing Group for Ir-Catalyzed Arene Diborylations and Sequential Functionalizations. <i>Journal of the American Chemical Society</i> , 2012, 134, 4573-4576. | 6.6 | 130 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Phosphino Hydrazones as Suitable Ligands in the Asymmetric Suzuki-Miyaura Cross-Coupling. <i>Journal of Organic Chemistry</i> , 2012, 77, 4740-4750. | 1.7 | 88 |
| 56 | Asymmetric Formal Carbonyl-Ene Reactions of Formaldehyde <i>tert</i> -Butyl Hydrazone with \hat{I} -Keto Esters: Dual Activation by Bis-urea Catalysts. <i>Journal of the American Chemical Society</i> , 2012, 134, 12912-12915. | 6.6 | 81 |
| 57 | On Water-Nucleophilic Addition of Formaldehyde <i>N,N</i> -Dialkylhydrazones to \hat{I} -Keto Esters. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2287-2290. | 1.7 | 17 |
| 58 | Use of Hemilabile N,N Ligands in Nitrogen-Directed Iridium-Catalyzed Borylations of Arenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11724-11728. | 7.2 | 163 |
| 59 | Organocatalytic Asymmetric Cyanosilylation of Nitroalkenes. <i>Chemistry - A European Journal</i> , 2010, 16, 7714-7718. | 1.7 | 97 |
| 60 | Stereoselective synthesis of cationic heterobidentate C(NHC)/SR rhodium(I) complexes using stereodirecting N,N-dialkylamino groups. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1557-1562. | 1.8 | 9 |
| 61 | Phthalazin-2-ylidenes As Cyclic Amino Aryl Carbene Ligands in Rhodium(I) and Iridium(I) Complexes. <i>Organometallics</i> , 2010, 29, 5941-5945. | 1.1 | 32 |
| 62 | Synthesis, structure and properties of [1,2,4]triazolo[4,3-a]pyridin-3-ylidene rhodium and palladium complexes. <i>Dalton Transactions</i> , 2009, , 7113. | 1.6 | 21 |
| 63 | C2-Symmetric S/C/S ligands based on N-heterocyclic carbenes: a new ligand architecture for asymmetric catalysis. <i>Dalton Transactions</i> , 2009, , 8485. | 1.6 | 51 |
| 64 | Experimental and theoretical studies on the asymmetric cyanosilylation of C2-symmetric hydrazones. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 998-1004. | 1.8 | 11 |
| 65 | Stereoselective, Temperature-Dependent [2+2] Cycloaddition of <i>N,N</i> -Dialkylhydrazones to <i>N</i> -Benzyl- <i>N</i> -(benzyloxycarbonyl)aminoketene. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2960-2972. | 1.2 | 18 |
| 66 | Uncatalyzed Strecker-Type Reaction of <i>N,N</i> -Dialkylhydrazones in Pure Water. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3457-3460. | 1.2 | 18 |
| 67 | <i>C</i> ₂ -Symmetric Bis-Hydrazones as Ligands in the Asymmetric Suzuki-Miyaura Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2008, 130, 15798-15799. | 6.6 | 207 |
| 68 | Stereoselective Synthesis of Rhodium(I) 4-(Dialkylamino)triazol-5-ylidene Complexes. <i>Organometallics</i> , 2008, 27, 4555-4564. | 1.1 | 40 |
| 69 | Enantioselective Conjugate Addition of <i>N,N</i> -Dialkylhydrazones to \hat{I} -Hydroxy Enones. <i>Organic Letters</i> , 2007, 9, 2867-2870. | 2.4 | 33 |
| 70 | Organocatalytic Conjugate Addition of Formaldehyde <i>N,N</i> -Dialkylhydrazones to \hat{I}^2, \hat{I}^3 -Unsaturated \hat{I} -Keto Esters. <i>Organic Letters</i> , 2007, 9, 3303-3306. | 2.4 | 104 |
| 71 | Isoquinolin-1-ylidenes as electronically tuneable ligands. <i>Chemical Communications</i> , 2007, , 1180-1182. | 2.2 | 73 |
| 72 | Imidazo[1,5-a]pyridin-3-ylidene/Thioether Mixed C/S Ligands and Complexes Thereof. <i>Organometallics</i> , 2007, 26, 2570-2578. | 1.1 | 128 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Aldehyde <i>N,N</i> -Dialkylhydrazones as Neutral Acyl Anion Equivalents: Umpolung of the Imine Reactivity. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5629-5660. | 1.2 | 183 |
| 74 | Enantioselective synthesis of <i>cis</i> - β -substituted cycloalkanols and <i>trans</i> -cycloalkyl amines thereof. <i>Tetrahedron</i> , 2007, 63, 6755-6763. | 1.0 | 41 |
| 75 | Stereoselective synthesis of <i>syn</i> - β -hydroxy cycloalkane carboxylates: transfer hydrogenation of cyclic β -keto esters via dynamic kinetic resolution. <i>Tetrahedron</i> , 2007, 63, 7532-7537. | 1.0 | 44 |
| 76 | Synthesis, Structure, and Applications of <i>N,N</i> -Dialkylamino- <i>N</i> -alkylimidazol-2-ylidenes as a New Type of NHC Ligands. <i>Organometallics</i> , 2006, 25, 6039-6046. | 1.1 | 65 |
| 77 | Enantioselective Synthesis of Vicinal Halohydrins via Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2006, 8, 127-130. | 2.4 | 78 |
| 78 | A Broadened Scope for the Use of Hydrazones as Neutral Nucleophiles in the Presence of H-Bonding Organocatalysts. <i>Synlett</i> , 2006, 2006, 239-242. | 1.0 | 31 |
| 79 | Asymmetric Mannich-Type Addition of Ketene Silyl Acetals and Thioacetals to <i>N,N</i> -Dialkylhydrazones. <i>Synthesis</i> , 2006, 2006, 540-550. | 1.2 | 0 |
| 80 | Synthesis, structure and electronic properties of <i>N</i> -dialkylamino- and <i>N</i> -alkoxy-1,2,4-triazol-3-ylidene ligands. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5979-5988. | 0.8 | 31 |
| 81 | Michael addition of chiral formaldehyde <i>N,N</i> -dialkylhydrazones to activated cyclic alkenes. <i>Tetrahedron</i> , 2005, 61, 4115-4128. | 1.0 | 18 |
| 82 | Aza-Michael addition of chiral hydrazines to alkylidene malonates. <i>Tetrahedron</i> , 2005, 61, 4609-4613. | 1.0 | 11 |
| 83 | Transfer Hydrogenation of β -Branched Ketimines: Enantioselective Synthesis of Cycloalkylamines via Dynamic Kinetic Resolution. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1917-1920. | 2.1 | 62 |
| 84 | Imidazo[1,5- <i>a</i>]pyridine: A Versatile Architecture for Stable <i>N</i> -Heterocyclic Carbenes.. <i>ChemInform</i> , 2005, 36, no. | 0.1 | 0 |
| 85 | Michael Addition of Chiral Formaldehyde <i>N,N</i> -Dialkylhydrazones to Activated Cyclic Alkenes.. <i>ChemInform</i> , 2005, 36, no. | 0.1 | 0 |
| 86 | Aza-Michael Addition of Chiral Hydrazines to Alkylidene Malonates.. <i>ChemInform</i> , 2005, 36, no. | 0.1 | 0 |
| 87 | A Practical Synthesis of Enantiopure 4,5-Dihydroisoxazole-5-carboxylic Acids. <i>Synlett</i> , 2005, 2005, 2899-2904. | 1.0 | 1 |
| 88 | Imidazo[1,5- <i>a</i>]pyridine: A Versatile Architecture for Stable <i>N</i> -Heterocyclic Carbenes. <i>Journal of the American Chemical Society</i> , 2005, 127, 3290-3291. | 6.6 | 310 |
| 89 | Glyoxal Bis-hydrazones: A New Family of Nitrogen Ligands for Asymmetric Catalysis.. <i>ChemInform</i> , 2004, 35, no. | 0.1 | 0 |
| 90 | A Practical Oxidative Method for the Cleavage of Hydrazide <i>N</i> - <i>N</i> Bonds.. <i>ChemInform</i> , 2004, 35, no. | 0.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 91 | Asymmetric Synthesis of trans-3-Amino-4-alkylazetid-2-ones from Chiral N,N-Dialkylhydrazones.. ChemInform, 2004, 35, no. | 0.1 | 0 |
| 92 | A Practical Oxidative Method for the Cleavage of Hydrazone N=N Bonds. Chemistry - A European Journal, 2004, 10, 737-745. | 1.7 | 51 |
| 93 | Studies on Stereoselective [2+2] Cycloadditions between N,N-Dialkylhydrazones and Ketenes. Chemistry - A European Journal, 2004, 10, 6111-6129. | 1.7 | 49 |
| 94 | 1,3-Bis(N,N-dialkylamino)imidazolin-2-ylidenes: A Synthesis and Reactivity of a New Family of Stable N-Heterocyclic Carbenes. Journal of the American Chemical Society, 2004, 126, 13242-13243. | 6.6 | 63 |
| 95 | Glyoxal bis-hydrazones: a new family of nitrogen ligands for asymmetric catalysis. Chemical Communications, 2004, , 298-299. | 2.2 | 31 |
| 96 | Asymmetric Synthesis of trans-3-Amino-4-alkylazetid-2-ones from Chiral N,N-Dialkylhydrazones. Organic Letters, 2004, 6, 2749-2752. | 2.4 | 45 |
| 97 | Asymmetric Synthesis of Succinic Semialdehyde Derivatives.. ChemInform, 2003, 34, no. | 0.1 | 0 |
| 98 | Asymmetric Synthesis of Succinic Semialdehyde Derivatives. Journal of Organic Chemistry, 2003, 68, 2698-2703. | 1.7 | 17 |
| 99 | Asymmetric Michael addition of formaldehyde N,N-dialkylhydrazones to alkylidene malonates. Chemical Communications, 2002, , 498. | 2.2 | 22 |
| 100 | N,N-Dialkylhydrazones as the Imine Component in the Staudinger-Like [2+2] Cycloaddition to Benzyloxyketene We thank the Direcci3n General de Investigaci3n Cient4fica y T4cnica (grants BQU) Tj ETQq0 0 0 rgBT /Overlock 1 Ministerio de Educaci3n y Ciencia for a doctoral fellowship to A.F.. Angewandte Chemie - International Edition, 2002, 41, 831. | 7.2 | 62 |
| 101 | Stereoselective Nucleophilic Formylation and Cyanation of 1-Alkoxy- and 1-Aminoaldehydes. Journal of Organic Chemistry, 2001, 66, 5201-5207. | 1.7 | 29 |
| 102 | The Activation of Fibroblast Growth Factors by Heparin: Synthesis, Structure, and Biological Activity of Heparin-Like Oligosaccharides. ChemBioChem, 2001, 2, 673-685. | 1.3 | 89 |
| 103 | Synthesis of 1-Hydroxyhydrazones from Aldehydes. Synlett, 2001, 2001, 1158-1160. | 1.0 | 22 |
| 104 | Enantioselective Synthesis of 4-Unsubstituted 3-Alkoxy- and 3-Aminoazetid-2-ones from FormaldehydeN,N-Dialkylhydrazones. Angewandte Chemie - International Edition, 2000, 39, 2893-2897. | 7.2 | 58 |
| 105 | FormaldehydeN,N-Dialkylhydrazones as C-1 Building-blocks in Asymmetric Synthesis. Synlett, 2000, 2000, 1228-1240. | 1.0 | 4 |
| 106 | A New Route to L-Iduronate Building-blocks for the Synthesis of Heparin-like Oligosaccharides. Synlett, 1999, 1999, 1316-1318. | 1.0 | 43 |
| 107 | Asymmetric synthesis of 1-cyano silyl enol ethers. Tetrahedron: Asymmetry, 1999, 10, 1145-1151. | 1.8 | 12 |
| 108 | Stereoselective Synthesis of Trifluoromethylated Compounds: A Nucleophilic Addition of FormaldehydeN,N-Dialkylhydrazones to Trifluoromethyl Ketones. Journal of Organic Chemistry, 1999, 64, 8846-8854. | 1.7 | 51 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Electrophilic and Nucleophilic Reactivities of the Azomethine Carbon of SAMP-Hydrazones: A Stereoselective Synthesis of β^3 -Amino Ketone Derivatives. <i>Journal of Organic Chemistry</i> , 1999, 64, 6329-6336. | 1.7 | 39 |
| 110 | Direct synthesis of dithioketals from N,N-dialkylhydrazones. <i>Tetrahedron Letters</i> , 1998, 39, 7955-7958. | 0.7 | 33 |
| 111 | Synthesis of Enantiopure α -Alkoxy- β -Trifluoromethyl Aldehydes and Carboxylic Acids from Trifluoromethyl Ketones. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3428-3430. | 7.2 | 40 |
| 112 | Formaldehyde Dialkylhydrazones as Neutral Formyl Anion and Cyanide Equivalents: A Nucleophilic Addition to Conjugated Enones. <i>Journal of Organic Chemistry</i> , 1997, 62, 5144-5155. | 1.7 | 51 |
| 113 | Total Synthesis of Sialylgalactosylgloboside: A Stage-Specific Embryonic Antigen 4. <i>Journal of Organic Chemistry</i> , 1996, 61, 6873-6880. | 1.7 | 55 |
| 114 | Enantioselective Nucleophilic Formylation and Cyanation of Conjugated Enones via Michael Addition of Formaldehyde SAMP-Hydrazone. <i>Journal of the American Chemical Society</i> , 1996, 118, 7002-7003. | 6.6 | 51 |
| 115 | Silyl Group Migration in 1-O-Silyl Protected Sugars - Convenient Synthesis of 2-O-Unprotected Sugars. <i>Journal of Carbohydrate Chemistry</i> , 1996, 15, 241-254. | 0.4 | 25 |
| 116 | Formaldehyde dimethylhydrazone: A new neutral reagent for nucleophilic hydroformylation and hydrocyanation. <i>Tetrahedron</i> , 1996, 52, 9143-9160. | 1.0 | 27 |
| 117 | Stereospecific addition of formaldehyde dialkylhydrazones to sugar aldehydes. Synthesis of cyanohydrins and β -hydroxy aldehydes. <i>Tetrahedron Letters</i> , 1996, 37, 5787-5790. | 0.7 | 30 |
| 118 | Formaldehyde SAMP-Hydrazone as a Neutral Chiral Formyl Anion and Cyanide Equivalent: Asymmetric Michael Additions to Nitroalkenes. <i>Synthesis</i> , 1996, 1996, 48-52. | 1.2 | 47 |
| 119 | Diastereoselective Synthesis of Branched-Chain Cyanonitrosugar Derivatives by Michael Addition/MMPP Oxidation Using Formaldehyde SAMP- and RAMP-Hydrazones as New Chiral Cyanide Equivalents. <i>Synthesis</i> , 1996, 1996, 627-632. | 1.2 | 16 |
| 120 | Glycosyl Imidates, 75. Synthesis of the Hexasaccharide Moiety of Globo H (Human Breast Cancer) Antigen. <i>Liebigs Annalen</i> , 1996, 1996, 1417-1423. | 0.8 | 18 |
| 121 | Versatile approach to the synthesis of globoside glycosphingolipids synthesis of sialyl-galactosyl-globoside. <i>Tetrahedron Letters</i> , 1995, 36, 4209-4212. | 0.7 | 29 |
| 122 | 1,2-O-Silyl Group Rearrangements in Carbohydrates - Convenient Synthesis of Important Lactose Building Blocks. <i>Synlett</i> , 1995, 1995, 925-927. | 1.0 | 24 |
| 123 | Asymmetric synthesis of functionalized nitrocompounds through Michael addition of formaldehyde SAMP hydrazone to nitroolefins. <i>Tetrahedron Letters</i> , 1994, 35, 471-472. | 0.7 | 22 |
| 124 | 5- and 4-(d-lyxofuranosyl)pyrazoles: a new type of pyrazole C-nucleoside. <i>Carbohydrate Research</i> , 1993, 239, 279-284. | 1.1 | 6 |
| 125 | Cleavage and Oligomerization of Malondialdehyde. <i>Tetrahedron</i> , 1993, 49, 1237-1250. | 1.0 | 43 |
| 126 | Simple and efficient conversion of N,N-dimethylhydrazones and aldehydes to nitriles. <i>Tetrahedron Letters</i> , 1993, 34, 141-144. | 0.7 | 92 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Spectroscopic and X-ray crystallographic studies of the potassium salt of hexameric malondialdehyde. <i>Tetrahedron Letters</i> , 1992, 33, 1361-1364. | 0.7 | 4 |
| 128 | Michael addition of formaldehyde dimethylhydrazone to nitroolefins. A new formyl anion equivalent. <i>Tetrahedron Letters</i> , 1992, 33, 3691-3694. | 0.7 | 42 |
| 129 | Synthesis of 3-(d-lyxofuranosyl)pyrazoles by trifluoroacetic acid-catalysed cyclodehydration of 3-(d-galacto-pentitol-1-yl)pyrazoles. <i>Carbohydrate Research</i> , 1991, 211, 287-294. | 1.1 | 4 |
| 130 | 1-Methyl(or phenyl)-5-(penta-O-acetyl-d-galacto-pentitol-1-yl)pyrazoles from the reactions of 3,4,5,6,7-penta-O-acetyl-1,2-dideoxy-1-nitro-d-galacto-hept-1-enitol with aldehyde methyl(or) Tj ETQq0 0 0 rgBT /Overlock 101f 50 617 | 1.1 | 10 |
| 131 | Cyclodehydration of 3-(d-manno-pentitol-1-yl)pyrazoles: Synthesis of 3-(d-arabinofuranosyl)pyrazoles. <i>Carbohydrate Research</i> , 1990, 201, 233-240. | 1.1 | 10 |
| 132 | New pentahydroxypentylpyrazoles from the reactions of d-mannose and d-galactose methylhydrazones with nitroalkenes. <i>Carbohydrate Research</i> , 1989, 189, 349-358. | 1.1 | 22 |