# List of Publications by Year
in descending order



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|---|---|---|---|
| 219 papers | 8,866 citations | 31902 53 h-index | 71532 76 g-index |
| 258 all docs | 258 docs citations | 258 times ranked | 6160 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Phenanthrene-Extended Phenazine Dication: An Electrochromic Conformational Switch Presenting Dual Reactivity. Journal of the American Chemical Society, 2022, 144, 7295-7301. | 6.6 | 13 |
| 2 | Synthetic Conjugates of Ursodeoxycholic Acid Inhibit Cystogenesis in Experimental Models of Polycystic Liver Disease. Hepatology, 2021, 73, 186-203. | 3.6 | 7 |
| 3 | Fluorescent Imidazo[1,2â€•a ]pyrimidine Compounds as Biocompatible Organic Photosensitizers that Generate Singlet Oxygen: A Potential Tool for Phototheranostics. Chemistry - A European Journal, 2021, 27, 6213-6222. | 1.7 | 5 |
| 4 | Bicolour fluorescent molecular sensors for cations: design and experimental validation. Physical Chemistry Chemical Physics, 2021, 23, 15440-15457. | 1.3 | 6 |
| 5 | Additive and Emergent Catalytic Properties of Dimeric Unnatural Amino Acid Derivatives: Aldol and Conjugate Additions. Chemistry - A European Journal, 2021, 27, 15671-15687. | 1.7 | 5 |
| 6 | Aromaticity in molecules and transition structures: from atomic and molecular orbitals to simple ring current models. , 2021, , 1-41. |  | 0 |
| 7 | Role of imine isomerization in the stereocontrol of the Staudinger reaction between ketenes and imines. RSC Advances, 2021, 12, 104-117. | 1.7 | 1 |
| 8 | Selective synthesis of trisubstituted pyrroles through the reactions of alkynyl Fischer carbene complexes with oxazolones. Organic and Biomolecular Chemistry, 2020, 18, 538-550. | 1.5 | 11 |
| 9 | Stepwise Mechanism for the Bromination of Arenes by a Hypervalent Iodine Reagent. Journal of Organic Chemistry, 2020, 85, 2142-2150. | 1.7 | 27 |
| 10 | Discovering Biomolecules with <i>Huisgenase</i> Activity: Designed Repeat Proteins as Biocatalysts for (3 + 2) Cycloadditions. Journal of the American Chemical Society, 2020, 142, 762-776. | 6.6 | 8 |
| 11 | Towards a more precise therapy in cancer: Exploring epigenetic complexity. Current Opinion in Chemical Biology, 2020, 57, 41-49. | 2.8 | 38 |
| 12 | Fluorescent bicolour sensor for low-background neutrinoless double Î² decay experiments. Nature, 2020, 583, 48-54. | 13.7 | 23 |
| 13 | Synthesis of Sultones from Chlorosulfates by a Complex Cascade Reaction Occurring under Mild Thermal Conditions. Chemistry - A European Journal, 2019, 25, 13083-13087. | 1.7 | 2 |
| 14 | Switching Diastereoselectivity in Catalytic Enantioselective (3+2) Cycloadditions of Azomethine Ylides Promoted by Metal Salts and Privileged Segphos-Derived Ligands. Journal of Organic Chemistry, 2019, 84, 10593-10605. | 1.7 | 29 |
| 15 | Reply to â€œComment on â€˜Chirality-Induced Electron Spin Polarization and Enantiospecific Response in Solid-State Cross-Polarization Nuclear Magnetic Resonanceâ€™â€• ACS Nano, 2019, 13, 6133-6136. | 7.3 | 2 |
| 16 | Lanthanumâ€Catalyzed Enantioselective Trifluoromethylation by Using an Electrophilic Hypervalent Iodine Reagent. Chemistry - A European Journal, 2019, 25, 8214-8218. | 1.7 | 13 |
| 17 | Organocatalysts Derived from Unnatural Î±â€Amino Acids: Scope and Applications. Chemistry - an Asian Journal, 2019, 14, 44-66. | 1.7 | 32 |
| 18 | Negishi coupling reactions with [<sup>11</sup>C]CH<sub>3</sub>I: a versatile method for efficient <sup>11</sup>Câ€“C bond formation. Chemical Communications, 2018, 54, 4398-4401. | 2.2 | 8 |

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| --- | --- | --- | --- |
| 19 | Cooperative Catalysis with Coupled Chiral Induction in 1,3â€Dipolar Cycloadditions of Azomethine Ylides. Chemistry - A European Journal, 2018, 24, 8092-8097. | 1.7 | 12 |
| 20 | Density Functional Theory Study on the Demethylation Reaction between Methylamine, Dimethylamine, Trimethylamine, and Tamoxifen Catalyzed by a Fe(IV)â€"Oxo Porphyrin Complex. Journal of Physical Chemistry A, 2018, 122, 1658-1671. | 1.1 | 8 |
| 21 | Synthesis of <i>exo</i>-Imidazolidin-2-one Dienes, Their Isomerization, and Selectivity in Dielsâ€"Alder Cycloadditions. Journal of Organic Chemistry, 2018, 83, 5347-5364. | 1.7 | 9 |
| 22 | A Threeâ€Component Enantioselective Cyclization Reaction Catalyzed by an Unnatural Amino Acid Derivative. Angewandte Chemie - International Edition, 2018, 57, 668-672. | 7.2 | 29 |
| 23 | A Threeâ€Component Enantioselective Cyclization Reaction Catalyzed by an Unnatural Amino Acid Derivative. Angewandte Chemie, 2018, 130, 676-680. | 1.6 | 5 |
| 24 | Chirality-Induced Electron Spin Polarization and Enantiospecific Response in Solid-State Cross-Polarization Nuclear Magnetic Resonance. ACS Nano, 2018, 12, 11426-11433. | 7.3 | 21 |
| 25 | 1,3-Dioxa-[3,3]-sigmatropic Oxo-Rearrangement of Substituted Allylic Carbamates: Scope and Mechanistic Studies. Journal of Organic Chemistry, 2018, 83, 14861-14881. | 1.7 | 10 |
| 26 | Alkaloids Reactivity: DFT Analysis of Selective Demethylation Reactions. Journal of Organic Chemistry, 2018, 83, 15101-15109. | 1.7 | 2 |
| 27 | Application of 1,3â€Dipolar Reactions between Azomethine Ylides and Alkenes to the Synthesis of Catalysts and Biologically Active Compounds. European Journal of Organic Chemistry, 2018, 2018, 5889-5904. | 1.2 | 61 |
| 28 | Stereoselectivity, Different Oxidation States, and Multiple Spin States in the Cyclopropanation of Olefins Catalyzed by Feâ€"Porphyrin Complexes. ACS Catalysis, 2018, 8, 11140-11153. | 5.5 | 27 |
| 29 | <i>In vitro</i> and <i>in vivo</i> activity of a new small-molecule inhibitor of HDAC6 in mantle cell lymphoma. Haematologica, 2018, 103, e537-e540. | 1.7 | 15 |
| 30 | Organocatalyzed Transient Dienamine-Mediated Diels-Alder Reactions between Î±,Î²-Unsaturated Ketones and Alkenes. Letters in Organic Chemistry, 2018, 15, 394-403. | 0.2 | 4 |
| 31 | Enantioselective Ring-Opening Polymerization of <i>rac</i>-Lactide Dictated by Densely Substituted Amino Acids. Journal of the American Chemical Society, 2017, 139, 4805-4814. | 6.6 | 69 |
| 32 | Relevance of the DFT method to study expanded porphyrins with different topologies. Journal of Computational Chemistry, 2017, 38, 2819-2828. | 1.5 | 64 |
| 33 | Monoâ€•and Diâ€Alkylation Processes of DNA Bases by Nitrogen Mustard Mechlorethamine. ChemPhysChem, 2017, 18, 3390-3401. | 1.0 | 4 |
| 34 | Catalysis of a 1,3-dipolar reaction by distorted DNA incorporating a heterobimetallic platinum(<scp>ii</scp>) and copper(<scp>ii</scp>) complex. Chemical Science, 2017, 8, 7038-7046. | 3.7 | 6 |
| 35 | Stereoselective Coupling of <i>N</i>-<i>tert</i>-Butanesulfinyl Aldimines and Î²-Keto Acids: Access to Î²-Amino Ketones. Journal of Organic Chemistry, 2017, 82, 7481-7491. | 1.7 | 23 |
| 36 | Twoâ€State Reactivity of Histone Demethylases Containing Jumonjiâ€C Active Sites: Different Mechanisms for Different Methylation Degrees. Chemistry - A European Journal, 2017, 23, 137-148. | 1.7 | 13 |

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|---|---|---|---|
| 37 | TaniaphosÂ·AgF-catalyzed enantioselective 1,3-dipolar cycloaddition of stabilized azomethine ylides derived from 2,2-dimethoxyacetaldehyde. Tetrahedron, 2016, 72, 6043-6051. | 1.0 | 14 |
| 38 | Interplay between aromaticity and strain in double group transfer reactions to 1,2-benzyne. Journal of Computational Chemistry, 2016, 37, 1265-1273. | 1.5 | 20 |
| 39 | Donorâ€Stabilized 1,3â€Disilaâ€2,4â€diazacyclobutadiene with a Nonbonded Siâ‹…â‹…â‹…Si Distance Compressed to a Si=Si Double Bond Length. Angewandte Chemie, 2016, 128, 14893-14897. | 1.6 | 1 |
| 40 | Stereospecific Synthesis of Î±-Amino Allylsilane Derivatives through a [3,3]-Allyl Cyanate Rearrangement. Mild Formation of Functionalized Disiloxanes. Journal of Organic Chemistry, 2016, 81, 4633-4644. | 1.7 | 16 |
| 41 | New Insights into the Reactivity of Cisplatin with Free and Restrained Nucleophiles: Microsolvation Effects and Base Selectivity in Cisplatinâ€“DNA Interactions. ChemPhysChem, 2016, 17, 3932-3947. | 1.0 | 10 |
| 42 | Alkenyl Arenes as Dipolarophiles in Catalytic Asymmetric 1,3â€Dipolar Cycloaddition Reactions of Azomethine Ylides. Angewandte Chemie - International Edition, 2016, 55, 15334-15338. | 7.2 | 73 |
| 43 | Donorâ€Stabilized 1,3â€Disilaâ€2,4â€diazacyclobutadiene with a Nonbonded Siâ‹…â‹…â‹…Si Distance Compressed to a Si=Si Double Bond Length. Angewandte Chemie - International Edition, 2016, 55, 14673-14677. | 7.2 | 9 |
| 44 | Enantioselective Synthesis of Polysubstituted Spiro-nitroprolinates Mediated by a (R,R)-Me-DuPhosÂ·AgF-Catalyzed 1,3-Dipolar Cycloaddition. Organic Letters, 2016, 18, 2926-2929. | 2.4 | 41 |
| 45 | Cyclopropanation reactions catalysed by dendrimers possessing one metalloporphyrin active site at the core: linear and sigmoidal kinetic behaviour for different dendrimer generations. Tetrahedron, 2016, 72, 1120-1131. | 1.0 | 14 |
| 46 | Development and validation of a LCâ€MS assay for the quantification of ikh12 a novel antiâ€tumor candidate in rat plasma and tissues and its application in a pharmacokinetic study. Biomedical Chromatography, 2015, 29, 1249-1258. | 0.8 | 0 |
| 47 | Microwaveâ€Assisted Organocatalyzed Rearrangement of Propargyl Vinyl Ethers to Salicylaldehyde Derivatives: An Experimental and Theoretical Study. Chemistry - A European Journal, 2015, 21, 18280-18289. | 1.7 | 14 |
| 48 | Synthesis of Chromen[4,3â€<i>b</i>]pyrrolidines by Intramolecular 1,3â€Dipolar Cycloadditions of Azomethine Ylides: An Experimental and Computational Assessment of the Origin of Stereocontrol. European Journal of Organic Chemistry, 2015, 2015, 4689-4698. | 1.2 | 17 |
| 49 | Densely Substituted l-Proline Esters as Catalysts for Asymmetric Michael Additions of Ketones to Nitroalkenes. Journal of Organic Chemistry, 2015, 80, 5588-5599. | 1.7 | 40 |
| 50 | Remote Substituent Effects on the Stereoselectivity and Organocatalytic Activity of Densely Substituted Unnatural Proline Esters in Aldol Reactions. European Journal of Organic Chemistry, 2015, 2015, 2503-2516. | 1.2 | 23 |
| 51 | Resonance driven regioselective demethylation of berberine. Microwave assisted synthesis of berberrubine and its assessment as fluorescent chemosensor for alkanes. Tetrahedron, 2015, 71, 6148-6154. | 1.0 | 12 |
| 52 | Synthesis of radiolabelled aryl azides from diazonium salts: experimental and computational results permit the identification of the preferred mechanism. Chemical Communications, 2015, 51, 8954-8957. | 2.2 | 18 |
| 53 | Enantioselective Synthesis of exo-4-Nitroprolinates from NitroÂalkenes and Azomethine Ylides Catalyzed by Chiral PhosphorÂamiditeÂ·Silver(I) or Copper(II) Complexes. Synthesis, 2015, 47, 934-943. | 1.2 | 23 |
| 54 | Regio and diastereoselective multicomponent 1,3-dipolar cycloadditions between prolinate hydrochlorides, aldehydes and dipolarophiles for the direct synthesis of pyrrolizidines. Tetrahedron, 2015, 71, 9645-9661. | 1.0 | 15 |

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|---|---|---|---|
| 55 | Enantiodivergent Synthesis of Bis-Spiropyrrolidines via Sequential Interrupted and Completed (3 + 2) Cycloadditions. Journal of Organic Chemistry, 2015, 80, 11755-11767. | 1.7 | 46 |
| 56 | Is it possible to achieve a complete desaturation of cycloalkanes promoted by o-benzyne?. Chemical Communications, 2015, 51, 5302-5305. | 2.2 | 4 |
| 57 | Azavinylidenephosphoranes: A Class of Cyclic Pushâ€“Pull Carbenes. Chemistry - A European Journal, 2014, 20, 12528-12536. | 1.7 | 11 |
| 58 | Eneâ€eneâ€yne Reactions: Activation Strain Analysis and the Role of Aromaticity. Chemistry - A European Journal, 2014, 20, 10791-10801. | 1.7 | 56 |
| 59 | Stereodivergent Synthesis of Chiral Fullerenes by [3 + 2] Cycloadditions to C<sub>60</sub>. Journal of the American Chemical Society, 2014, 136, 705-712. | 6.6 | 93 |
| 60 | Efficient Diastereoâ€•and Enantioselective Synthesis of <i>exo</i>â€Nitroprolinates by 1,3â€Dipolar Cycloadditions Catalyzed by Chiral Phosphoramiditeâ‹…Silver(I) Complexes. Advanced Synthesis and Catalysis, 2014, 356, 3861-3870. | 2.1 | 28 |
| 61 | Aromaticity in transition structures. Chemical Society Reviews, 2014, 43, 4909-4921. | 18.7 | 124 |
| 62 | Applied computational chemistry. Chemical Society Reviews, 2014, 43, 4906. | 18.7 | 6 |
| 63 | Aggregation and Cooperative Effects in the Aldol Reactions of Lithium Enolates. Chemistry - A European Journal, 2013, 19, 13761-13773. | 1.7 | 17 |
| 64 | Size and branching effects on the fluorescence of benzylic dendrimers possessing one apigenin fluorophore at the core. Tetrahedron, 2013, 69, 10361-10368. | 1.0 | 2 |
| 65 | The reaction of NH-indazoles with 1-fluoro-2,4-dinitrobenzene: the unusual formation of benzotriazole-N-oxides. New Journal of Chemistry, 2013, 37, 2384. | 1.4 | 5 |
| 66 | Design, Synthesis, and Functional Evaluation of Leukocyte Function Associated Antigen-1 Antagonists in Early and Late Stages of Cancer Development. Journal of Medicinal Chemistry, 2013, 56, 735-747. | 2.9 | 21 |
| 67 | Phosphoramiditeâ€“Cu(OTf)2 Complexes as Chiral Catalysts for 1,3-Dipolar Cycloaddition of Iminoesters and Nitroalkenes. Organic Letters, 2013, 15, 2902-2905. | 2.4 | 64 |
| 68 | Computational Chemistry; A Useful Tool for the Chemical Synthesis of Complex Molecules, Heterocycles and Catalysts. Synlett, 2013, 24, 535-549. | 1.0 | 10 |
| 69 | Synthetic scope and DFT analysis of the chiral binapâ€“gold(I) complex-catalyzed 1,3-dipolar cycloaddition of azlactones with alkenes. Beilstein Journal of Organic Chemistry, 2013, 9, 2422-2433. | 1.3 | 7 |
| 70 | Regioselective Preparation of Benzo[<i>b</i>]furans from Phenols and Î±<i>-</i>Bromoketones. Journal of Organic Chemistry, 2012, 77, 266-275. | 1.7 | 45 |
| 71 | Selective â€œOne-Potâ€•Synthesis of Functionalized Cyclopentenones. Journal of Organic Chemistry, 2012, 77, 6327-6331. | 1.7 | 8 |
| 72 | Typeâ€I Dyotropic Reactions: Understanding Trends in Barriers. Chemistry - A European Journal, 2012, 18, 12395-12403. | 1.7 | 79 |

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|---|---|---|---|
| 73 | Synthesis of 11C-labeled Kendine 91, a histone deacetylase inhibitor. Applied Radiation and Isotopes, 2012, 70, 2552-2557. | 0.7 | 5 |
| 74 | Biodistribution and metabolism of 11C-labeled Kendine 91 in mice and rats. Applied Radiation and Isotopes, 2012, 70, 2545-2551. | 0.7 | 4 |
| 75 | Computational insights on the possibility of tri-coordinated cisplatinated adducts with protein models. Journal of Inorganic Biochemistry, 2012, 117, 230-236. | 1.5 | 4 |
| 76 | An Amineâ€Catalyzed Enantioselective [3+2] Cycloaddition of Azomethine Ylides and Î±,Î²â€Unsaturated Aldehydes: Applications and Mechanistic Implications. Chemistry - A European Journal, 2012, 18, 7179-7188. | 1.7 | 58 |
| 77 | Densely substituted unnatural l- and d-prolines as catalysts for highly enantioselective stereodivergent (3 + 2) cycloadditions and aldol reactions. Chemical Science, 2012, 3, 1486. | 3.7 | 86 |
| 78 | Changes in Fluorescent Emission Due to Nonâ€covalent Interactions as a General Detection Procedure for Thinâ€Layer Chromatography. ChemPhysChem, 2012, 13, 291-299. | 1.0 | 14 |
| 79 | Aromaticity and Activation Strain Analysis of [3 + 2] Cycloaddition Reactions between Group 14 Heteroallenes and Triple Bonds. Journal of Organic Chemistry, 2011, 76, 2310-2314. | 1.7 | 86 |
| 80 | Photochemistry of Group 6 Fischer Carbene Complexes: Beyond the Photocarbonylation Reaction. Accounts of Chemical Research, 2011, 44, 479-490. | 7.6 | 70 |
| 81 | Stereocontrolled (3+2) cycloadditions between azomethine ylides and dipolarophiles: a fruitful interplay between theory and experiment. Physical Chemistry Chemical Physics, 2011, 13, 10858. | 1.3 | 55 |
| 82 | Synthesis and Reactivity of a Phosphine-Stabilized Monogermanium Analogue of Alkynes. Journal of the American Chemical Society, 2011, 133, 15930-15933. | 6.6 | 46 |
| 83 | Chiral gold(I) vs chiral silver complexes as catalysts for the enantioselective synthesis of the second generation GSK-hepatitis C virus inhibitor. Beilstein Journal of Organic Chemistry, 2011, 7, 988-996. | 1.3 | 29 |
| 84 | Cyclic Electron Delocalization in Pericyclic Reactions. Current Organic Chemistry, 2011, 15, 3594-3608. | 0.9 | 18 |
| 85 | Synthesis of a Stable Disilyne Bisphosphine Adduct and Its Nonâ€Metalâ€Mediated CO<sub>2</sub> Reduction to CO. Angewandte Chemie - International Edition, 2011, 50, 1092-1096. | 7.2 | 122 |
| 86 | Hierarchical Selectivity in Fullerenes: Siteâ€, Regioâ€, Diastereoâ€, and Enantiocontrol of the 1,3â€Dipolar Cycloaddition to C<sub>70</sub>. Angewandte Chemie - International Edition, 2011, 50, 6060-6064. | 7.2 | 80 |
| 87 | Reversible Binding of Ethylene to Silyleneâ€“Phosphine Complexes at Room Temperature. Angewandte Chemie - International Edition, 2011, 50, 10414-10416. | 7.2 | 94 |
| 88 | Binapâ€“Gold(I) versus Binapâ€“Silver Trifluoroacetate Complexes as Catalysts in 1,3â€Dipolar Cycloadditions of Azomethine Ylides. Chemistry - A European Journal, 2011, 17, 14224-14233. | 1.7 | 45 |
| 89 | Fluorescence detection by intensity changes for high-performance thin-layer chromatography separation of lipids using automated multiple development. Journal of Chromatography A, 2011, 1218, 2668-2675. | 1.8 | 21 |
| 90 | Studying Double Group Transfer Reactions by Means of Computational Methods. Current Organic Chemistry, 2010, 14, 1578-1585. | 0.9 | 20 |

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|---|---|---|---|
| 91 | Tandem [8 + 2] Cycloadditionâˆ’[2 + 6 + 2] Dehydrogenation Reactions Involving Imidazo[1,2-<i>a</i>]pyridines and Imidazo[1,2-<i>a</i>]pyrimidines. Journal of Organic Chemistry, 2010, 75, 2776-2784. | 1.7 | 66 |
| 92 | Lewis Acid Activated Azaâ€Dielsâ€“Alder Reaction of <i>N</i>â€(3â€Pyridyl)aldimines: An Experimental and Computational Study. European Journal of Organic Chemistry, 2010, 2010, 2091-2099. | 1.2 | 51 |
| 93 | Nucleophilic Silylenoid Character of Stable Phosphonium Silaâ€“ylides. Chemistry - A European Journal, 2010, 16, 8255-8258. | 1.7 | 45 |
| 94 | Concerted and Stepwise Mechanisms in Metalâ€Free and Metalâ€Assisted [4+3] Cycloadditions Involving Allyl Cations. Chemistry - A European Journal, 2010, 16, 12147-12157. | 1.7 | 53 |
| 95 | Synthesis and Structure of a Baseâ€Stabilized <i>C</i>â€Phosphinoâ€<i>Si</i>â€Amino Silyne. Angewandte Chemie - International Edition, 2010, 49, 6585-6588. | 7.2 | 91 |
| 96 | Computational Studies on the Synthesis of Î²-Lactams via [2+2] Thermal Cycloadditions. Topics in Heterocyclic Chemistry, 2010, , 313-347. | 0.2 | 21 |
| 97 | Formation of Î³-Oxoacids and 1<i>H</i>-Pyrrol-2(5<i>H</i>)-ones from Î±,Î²-Unsaturated Ketones and Ethyl Nitroacetate. Journal of Organic Chemistry, 2010, 75, 7435-7438. | 1.7 | 39 |
| 98 | A Cationic Rh(III) Complex That Efficiently Catalyzes Hydrogen Isotope Exchange in Hydrosilanes. Journal of the American Chemical Society, 2010, 132, 16765-16767. | 6.6 | 60 |
| 99 | Mechanism of DNA Methylation: The Double Role of DNA as a Substrate and as a Cofactor. Journal of Molecular Biology, 2010, 400, 632-644. | 2.0 | 22 |
| 100 | Computational calculations in microwave-assisted organic synthesis (MAOS). Application to cycloaddition reactions. Organic and Biomolecular Chemistry, 2010, 8, 1000. | 1.5 | 37 |
| 101 | Stable Phosphonium Sila-ylide with Reactivity as a Sila-Wittig Reagent. Journal of the American Chemical Society, 2009, 131, 8762-8763. | 6.6 | 65 |
| 102 | Double Group Transfer Reactions: Role of Activation Strain and Aromaticity in Reaction Barriers. Chemistry - A European Journal, 2009, 15, 13022-13032. | 1.7 | 76 |
| 103 | Synthesis of Prolines by Enantioselective 1,3â€Dipolar Cycloaddition of Azomethine Ylides and Alkenes Catalyzed by Chiral Phosphoramiditeâ€Silver(I) Complexes. European Journal of Organic Chemistry, 2009, 2009, 5622-5634. | 1.2 | 61 |
| 104 | Pharmacokinetics and tissue distribution of Kendine 91, a novel histone deacetylase inhibitor, in mice. Cancer Chemotherapy and Pharmacology, 2009, 64, 153-159. | 1.1 | 14 |
| 105 | Identification of (1H)-pyrroles as histone deacetylase inhibitors with antitumoral activity. Oncogene, 2009, 28, 1477-1484. | 2.6 | 22 |
| 106 | Microwave-assisted reactions of nitroheterocycles with dienes. Dielsâ€“Alder and tandem hetero Dielsâ€“Alder/[3,3] sigmatropic shift. Tetrahedron, 2009, 65, 5328-5336. | 1.0 | 53 |
| 107 | Dyotropic Reactions: Mechanisms and Synthetic Applications. Chemical Reviews, 2009, 109, 6687-6711. | 23.0 | 163 |
| 108 | Monomer versus Alcohol Activation in the 4â€Dimethylaminopyridineâ€Catalyzed Ringâ€Opening Polymerization of Lactide and Lactic <i>O</i>â€Carboxylic Anhydride. Chemistry - A European Journal, 2008, 14, 5304-5312. | 1.7 | 108 |

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|---|---|---|---|
| 109 | The Noncarbonylative Photochemistry of Group 6 Fischer Carbene Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 2454-2462. | 1.0 | 20 |
| 110 | Synthesis and Ligand Properties of a Stable Fiveâ€Memberedâ€Ring Vinylidenephosphorane. Angewandte Chemie - International Edition, 2008, 47, 7530-7533. | 7.2 | 24 |
| 111 | Development and validation of a liquid chromatographyâ€"tandem mass spectrometry for the determination of Kendine 91, a novel histone deacetylase inhibitor, in mice plasma and tissues: Application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 870, 109-116. | 1.2 | 7 |
| 112 | Selectivity under microwave irradiation. Benzylation of 2-pyridone: an experimental and theoretical study. Tetrahedron, 2008, 64, 8169-8176. | 1.0 | 24 |
| 113 | Enantioselective synthesis of polysubstituted prolines by Binap-silver-catalyzed 1,3-dipolar cycloadditions. Tetrahedron: Asymmetry, 2008, 19, 2913-2923. | 1.8 | 60 |
| 114 | Computational and experimental tools in solving some mechanistic problems in the chemistry of Fischer carbene complexes. Chemical Communications, 2008, , 4671. | 2.2 | 51 |
| 115 | <i>Trans</i>-Stereoselectivity in the Reaction between Homophthalic Anhydride and Imines. Organic Letters, 2008, 10, 4759-4762. | 2.4 | 38 |
| 116 | Regiochemistry of the microwave-assisted reaction between aromatic amines and Î±-bromoketones to yield substituted 1H-indoles. Organic and Biomolecular Chemistry, 2008, 6, 1763. | 1.5 | 40 |
| 117 | The Mechanism of the Keteneâˆ'Imine (Staudinger) Reaction in Its Centennial: Still an Unsolved Problem?. Accounts of Chemical Research, 2008, 41, 925-936. | 7.6 | 188 |
| 118 | DFT Study on the Dielsâˆ'Alder Cycloaddition between Alkenylâˆ'M(0) (M = Cr, W) Carbene Complexes and Neutral 1,3-Dienes. Journal of Organic Chemistry, 2008, 73, 2083-2089. | 1.7 | 46 |
| 119 | Deeper Insight into the Mechanism of the Reaction of Photogenerated Metallaketenes and Imines. Journal of the American Chemical Society, 2008, 130, 13892-13899. | 6.6 | 30 |
| 120 | Comparative Normal Mode Analysis of LFA-1 Integrin I-domains. Journal of Molecular Biology, 2007, 374, 231-249. | 2.0 | 25 |
| 121 | Solvent-Free Thermal and Microwave-Assisted [3 + 2] Cycloadditions between Stabilized Azomethine Ylides and Nitrostyrenes. An Experimental and Theoretical Study. Journal of Organic Chemistry, 2007, 72, 4313-4322. | 1.7 | 85 |
| 122 | In-Plane Aromaticity in Double Group Transfer Reactions. Journal of Organic Chemistry, 2007, 72, 1488-1491. | 1.7 | 60 |
| 123 | Theoretical Study on the Mechanism of the [2 + 1] Thermal Cycloaddition between Alkenes and Stable Singlet (Phosphino)(silyl)carbenes. Journal of Organic Chemistry, 2007, 72, 357-366. | 1.7 | 29 |
| 124 | Mechanism of the Generation of Ketenimineâˆ'M(CO)n Complexes (M = Cr, W, Fe) from Fischer Carbenes and Isocyanides. Organometallics, 2007, 26, 3010-3017. | 1.1 | 44 |
| 125 | Metal Ion Dependent Adhesion Sites in Integrins:â€‰ A Combined DFT and QMC Study on Mn2+. Journal of Physical Chemistry B, 2007, 111, 9099-9103. | 1.2 | 1 |
| 126 | On the Stereodivergent Behavior Observed in the Staudinger Reaction between Methoxyketene and (E)-N-Benzylidenearyl Amines. Angewandte Chemie - International Edition, 2007, 46, 3028-3032. | 7.2 | 44 |

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|---|---|---|---|
| 127 | Encapsulated Nâ€Heterocyclic Carbenes in Silicones without Reactivity Modification. Angewandte Chemie - International Edition, 2007, 46, 8632-8635. | 7.2 | 53 |
| 128 | Diastereoselective 1,3â€Dipolar Cycloaddition Reactions between Azomethine Ylides and Chiral Acrylates Derived from Methyl (<i>S</i>)â€•and (<i>R</i>)â€Lactate â€“ Synthesis of Hepatitis C Virus RNAâ€Dependent RNA Polymerase Inhibitors. European Journal of Organic Chemistry, 2007, 2007, 5038-5049. | 1.2 | 39 |
| 129 | Double Group Transfer Reactions as Indicators of Aromatic Stabilization. European Journal of Organic Chemistry, 2007, 2007, 5410-5415. | 1.2 | 19 |
| 130 | CuIâ€“Fesulphos complexes: efficient chiral catalysts for asymmetric 1,3-dipolar cycloaddition of azomethine ylides. Tetrahedron, 2007, 63, 6587-6602. | 1.0 | 119 |
| 131 | Coralyne cation, a fluorescent probe for general detection in planar chromatography. Journal of Chromatography A, 2007, 1146, 251-257. | 1.8 | 18 |
| 132 | Effect of the Metal Fragment in the Thermal Cycloaddition between Alkynyl Metal(0) Fischer Carbene Complexes and Nitrones. Journal of Organic Chemistry, 2006, 71, 6178-6184. | 1.7 | 43 |
| 133 | Reaction ofN-Vinylic Phosphazenes with Î±,Î²-Unsaturated Aldehydes. Azatriene-Mediated Synthesis of Dihydropyridines and Pyridines Derived from Î²-Amino Acids. Journal of Organic Chemistry, 2006, 71, 6020-6030. | 1.7 | 42 |
| 134 | An Activated Equivalent of Lactide toward Organocatalytic Ring-Opening Polymerization. Journal of the American Chemical Society, 2006, 128, 16442-16443. | 6.6 | 132 |
| 135 | On the Affinity Regulation of the Metal-Ion-Dependent Adhesion Sites in Integrins. Journal of the American Chemical Society, 2006, 128, 3554-3563. | 6.6 | 39 |
| 136 | General Contribution of Nonspecific Interactions to Fluorescence Intensity. Analytical Chemistry, 2006, 78, 3699-3705. | 3.2 | 21 |
| 137 | Mechanism and Stereoselectivity of the Aza-Wittig Reaction between Phosphazenes and Aldehydes. Journal of Organic Chemistry, 2006, 71, 2839-2847. | 1.7 | 63 |
| 138 | Stereoelectronic Effects on Type I 1,2-Dyotropic Rearrangements in Vicinal Dibromides. Chemistry - A European Journal, 2006, 12, 6323-6330. | 1.7 | 37 |
| 139 | The Photochemical Reactivity of the â€œPhoto-Inertâ€•Tungsten (Fischer) Carbene Complexes. Angewandte Chemie - International Edition, 2006, 45, 125-128. | 7.2 | 25 |
| 140 | Cyclic Carbodiphosphoraneâ€“Diphosphinocarbene Thermal Interconversion. Angewandte Chemie - International Edition, 2006, 45, 7447-7450. | 7.2 | 30 |
| 141 | Application of Stereocontrolled Stepwise [3+2] Cycloadditions to the Preparation of Inhibitors of Î±4Î²1-Integrin-Mediated Hepatic Melanoma Metastasis. Angewandte Chemie - International Edition, 2005, 44, 2903-2907. | 7.2 | 63 |
| 142 | Computational and Experimental Studies on the Mechanism of the Photochemical Carbonylation of Group 6 Fischer Carbene Complexes. Chemistry - A European Journal, 2005, 11, 5988-5996. | 1.7 | 40 |
| 143 | Ellipticity: A Convenient Tool To Characterize Electrocyclic Reactions. Chemistry - A European Journal, 2005, 11, 1734-1738. | 1.7 | 71 |
| 144 | Substituent Effects in Eight-Electron Electrocyclic Reactions. Journal of Organic Chemistry, 2005, 70, 1035-1041. | 1.7 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Structure and Conformations of Heteroatom-Substituted Free Carbenes and Their Group 6 Transition Metal Analogues. Organometallics, 2004, 23, 1065-1071. | 1.1 | 53 |
| 146 | Quantitative Evaluation of the Catalytic Activity of Dendrimers with Only One Active Center at the Core:Â Application to the Nitroaldol (Henry) Reaction. Journal of the American Chemical Society, 2004, 126, 5243-5252. | 6.6 | 34 |
| 147 | Enhancing stereochemical diversity by means of microwave irradiation in the absence of solvent: Synthesis of highly substituted nitroproline esters via 1,3-dipolar reactions. Molecular Diversity, 2003, 7, 175-180. | 2.1 | 11 |
| 148 | The Final Steps of the Oppolzer Cyclization: Mechanism of the Insertion of Alkenes into Allylpalladium(II) Complexes. Chemistry - A European Journal, 2003, 9, 96-105. | 1.7 | 19 |
| 149 | Light-Induced Aminocarbene to Imine Dyotropic Rearrangement in a Chromium(0) Center:â€‰ An Unprecedented Reaction Pathway. Journal of the American Chemical Society, 2003, 125, 9572-9573. | 6.6 | 37 |
| 150 | [4+3] versus [4+2] Mechanisms in the Dimerization of 2-Boryl-1,3-butadienes. A Theoretical and Experimental Study. Journal of Organic Chemistry, 2002, 67, 9153-9161. | 1.7 | 26 |
| 151 | Theoretical study on the reaction between 4,6-dimethyl-1,2,3-triazine and enamines. Perkin Transactions II RSC, 2002, , 1257-1263. | 1.1 | 6 |
| 152 | On the Mechanism of Conversion ofN-Acyl-4-acyloxy-Î²-lactams into 2-Substituted 1,3-Oxazin-6-ones. Can a Low-Barrier Transition State Be Antiaromatic?. Journal of Organic Chemistry, 2001, 66, 8470-8477. | 1.7 | 42 |
| 153 | Direct Evaluation of Secondary Orbital Interactions in the Dielsâ^'Alder Reaction between Cyclopentadiene and Maleic Anhydride. Journal of Organic Chemistry, 2001, 66, 6178-6180. | 1.7 | 68 |
| 154 | On the Aromatic Character of Electrocyclic and Pseudopericyclic Reactions: Thermal Cyclization of (2Z)-Hexa-2,4-5-trienals and Their Schiff Bases. Angewandte Chemie - International Edition, 2001, 40, 557-561. | 7.2 | 84 |
| 155 | Origins of the Loss of Concertedness in Pericyclic Reactions:Â Theoretical Prediction and Direct Observation of Stepwise Mechanisms in [3 + 2] Thermal Cycloadditions. Journal of the American Chemical Society, 2000, 122, 6078-6092. | 6.6 | 107 |
| 156 | Highly Efficient Induction of Chirality in Intramolecular [2 + 2] Cycloadditions between Ketenimines and Imines. Journal of Organic Chemistry, 2000, 65, 3633-3643. | 1.7 | 39 |
| 157 | A Theoreticalâ^'Experimental Approach to the Mechanism of the Photocarbonylation of Chromium(0) (Fischer)â^'Carbene Complexes and Their Reaction with Imines. Journal of the American Chemical Society, 2000, 122, 11509-11510. | 6.6 | 69 |
| 158 | Enhancement of Fluorescence in Thin-Layer Chromatography Induced by the Interaction betweenn-Alkanes and an Organic Cation. Analytical Chemistry, 2000, 72, 1759-1766. | 3.2 | 45 |
| 159 | New Stereoselective Intramolecular [2 + 2] Cycloadditions between Ketenimines and Imines on anortho-Benzylic Scaffold:Â 1,4-Asymmetric Induction. Journal of Organic Chemistry, 2000, 65, 7512-7515. | 1.7 | 35 |
| 160 | Berberine Cation:â€‰ A Fluorescent Chemosensor for Alkanes and Other Low-Polarity Compounds. An Explanation of This Phenomenon. Organic Letters, 2000, 2, 2311-2313. | 2.4 | 30 |
| 161 | Modification of Regioselectivity in Cycloadditions to C70under Microwave Irradiation. Journal of Organic Chemistry, 2000, 65, 2499-2507. | 1.7 | 84 |
| 162 | New Insights on the Origins of the Stereocontrol of the Staudinger Reaction:Â [2 + 2] Cycloaddition between Ketenes andN-Silylimines. Journal of Organic Chemistry, 2000, 65, 8458-8464. | 1.7 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Surpassing Torquoelectronic Effects in Conrotatory Ring Closures: Origins of Stereocontrol in Intramolecular Ketenimine-Imine [2+2] Cycloadditions. Chemistry - A European Journal, 1999, 5, 1106-1117. | 1.7 | 43 |
| 164 | Ring-Opening Polymerization ofl-Lactide Initiated by (2-Methacryloxy)ethyloxyâˆ'Aluminum Trialkoxides. 1. Kinetics. Macromolecules, 1999, 32, 8252-8258. | 2.2 | 81 |
| 165 | In-Plane Aromaticity in 1,3-Dipolar Cycloadditions. Solvent Effects, Selectivity, and Nucleus-Independent Chemical Shifts. Journal of the American Chemical Society, 1999, 121, 6737-6746. | 6.6 | 222 |
| 166 | A Simple Ring Current Model for Describing In-Plane Aromaticity in Pericyclic Reactions. Journal of Organic Chemistry, 1999, 64, 1868-1874. | 1.7 | 103 |
| 167 | Competitive Mechanisms and Origins of Stereocontrol in the [2 + 2] Thermal Cycloaddition between Imines and Keteniminium Cations. A Complementary Entry to 2-Azetidinones (Î²-Lactams) and Related Compounds. Journal of Organic Chemistry, 1999, 64, 1831-1842. | 1.7 | 33 |
| 168 | Efficient tautomerization hydrazone-azomethine imine under microwave irradiation. Synthesis of [4,3â€²] and [5,3â€²]bipyrazoles. Tetrahedron, 1998, 54, 13167-13180. | 1.0 | 75 |
| 169 | Origins of the Stereodivergent Outcome in the Staudinger Reaction between Acyl Chlorides and Imines. Journal of Organic Chemistry, 1998, 63, 5869-5876. | 1.7 | 104 |
| 170 | Origins of Stereocontrol in the [2 + 2] Cycloaddition between Achiral Ketenes and Chiral Î±-Alkoxy Aldehydes. A Pericyclic Alternative to the Aldol Reaction. Journal of Organic Chemistry, 1998, 63, 5216-5227. | 1.7 | 21 |
| 171 | Stereocontrolled Synthesis of Highly Substituted Proline Esters via [3 + 2] Cycloaddition between N-Metalated Azomethine Ylides and Nitroalkenes. Origins of the Metal Effect on the Stereochemical Outcome. Journal of Organic Chemistry, 1998, 63, 1795-1805. | 1.7 | 104 |
| 172 | Solvent Effects on the Conformer Distribution of 2-Methoxypropanal and Chloroacetaldehyde. A Model Case for the Conformational Analysis in Solution of Chiral Aldehydes Including Polar Groups. Journal of Organic Chemistry, 1997, 62, 6485-6492. | 1.7 | 25 |
| 173 | Structural and Solvent Effects on the Mechanism of the Thermal Decarboxylation of 2-Oxetanones. A Limiting Case between Concerted and Stepwise Pathways in Pericyclic Reactions. Journal of the American Chemical Society, 1997, 119, 816-825. | 6.6 | 28 |
| 174 | In-PlaneAromaticity in 1,3-Dipolar Cycloadditions. Journal of Organic Chemistry, 1997, 62, 7033-7036. | 1.7 | 131 |
| 175 | Dendritic Catalysts for the Nitroaldol (Henry) Reaction. Tetrahedron Letters, 1997, 38, 6461-6464. | 0.7 | 53 |
| 176 | Ab Initio Models for the Nitroaldol (Henry) Reaction. Chemistry - A European Journal, 1997, 3, 20-28. | 1.7 | 34 |
| 177 | Solvent and Substituent Effects in the Periselectivity of the Staudinger Reaction between Ketenes and Î±,Î²-Unsaturated Imines. A Theoretical and Experimental Study. Journal of Organic Chemistry, 1996, 61, 3070-3079. | 1.7 | 46 |
| 178 | Characterization of (P+Lx)LyIon Molecule Clusters of First-Row Hydrides. Journal of the American Chemical Society, 1996, 118, 2718-2725. | 6.6 | 6 |
| 179 | Highly stereocontrolled synthesis of substituted propiolactones and butyrolactones from achiral lithium enolates and homociral aldehydes. Tetrahedron Letters, 1996, 37, 245-248. | 0.7 | 40 |
| 180 | Stereoselective conjugate addition of carbon nucleophiles to chiral (E)-nitroalkenes bearing a Î³-stereocenter. Origins of the observed anti selectivity. Tetrahedron Letters, 1996, 37, 3055-3058. | 0.7 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Tandem [2+2] cycloaddition-cycloreversion reactions in highly polar media: A convergent one-pot entry to substituted alkenes and dienes. Tetrahedron Letters, 1996, 37, 7143-7146. | 0.7 | 22 |
| 182 | Ab InitioStudies on the Structure of Silyl Isocyanate in the Gas Phase, in Solution, and in the Crystalline State. The Journal of Physical Chemistry, 1996, 100, 9619-9623. | 2.9 | 5 |
| 183 | 4M lithium perchlorate-nitromethane: An efficient solvent in Diels-Alder reactions using nitroalkenes as dienophiles. Tetrahedron Letters, 1995, 36, 4447-4450. | 0.7 | 44 |
| 184 | On the Stereochemical Outcome of the Catalyzed and Uncatalyzed Cycloaddition Reaction between Activated Ketenes and Aldehydes to form cis- and trans-2-Oxetanones. An ab Initio Study. Journal of the American Chemical Society, 1995, 117, 12314-12321. | 6.6 | 68 |
| 185 | Substituent and Solvent Effects in the [2 + 2] Cycloaddition Reaction between Olefins and Isocyanates. Journal of the American Chemical Society, 1995, 117, 12306-12313. | 6.6 | 39 |
| 186 | Role of the isomerization pathways in the Staudinger reaction. A theoretical study on the interaction between activated ketenes and imidates. Tetrahedron Letters, 1994, 35, 4465-4468. | 0.7 | 31 |
| 187 | Theoretical and experimental studies on the periselectivity of the cycloaddition reaction between activated ketenes and conjugated imines. Tetrahedron Letters, 1994, 35, 7825-7828. | 0.7 | 8 |
| 188 | Catalytic and Solvent Effects on the Cycloaddition Reaction between Ketenes and Carbonyl Compounds To Form 2-Oxetanones. Journal of the American Chemical Society, 1994, 116, 9613-9619. | 6.6 | 113 |
| 189 | Chiral Control in the Staudinger Reaction between Ketenes and Imines. A Theoretical SCF-MO Study on Asymmetric Torquoselectivity. Journal of the American Chemical Society, 1994, 116, 2085-2093. | 6.6 | 104 |
| 190 | Transition structures for the reformatsky reaction. A theoretical (MNDO-PM3) study.. Tetrahedron Letters, 1993, 34, 6111-6114. | 0.7 | 12 |
| 191 | A semiempirical theoretical study on the formation of .beta.-lactams from ketenes and imines. Journal of the American Chemical Society, 1993, 115, 995-1004. | 6.6 | 152 |
| 192 | An ab initio study on the mechanism of the alkeneâ€“isocyanate cycloaddition reaction to form Î²-lactams. Journal of the Chemical Society Chemical Communications, 1993, , 1450-1452. | 2.0 | 25 |
| 193 | Contribution to the development of new substitution patterns of optically active .beta.-lactams: synthesis of homochiral 4-(1-aminoalkyl)azetidin-2-ones from N-(tert-butyloxycarbonyl) .alpha.-amino aldehyde-derived imines via asymmetric Staudinger reaction. Journal of the American Chemical Society, 1992, 114, 9360-9369. | 6.6 | 91 |
| 194 | Stereocontrolled synthesis of 3,5-dialkyl-4-amino pyrrolidin-2-ones from Î²-lactams as chiral templates.. Tetrahedron Letters, 1992, 33, 4827-4830. | 0.7 | 24 |
| 195 | Synthetic Aspects of Homochiral Î²â€Łactams Derived from Nâ€Protected Î±â€Aminoimines Via Asymmetric [2+2] Cycloaddition Reaction. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1992, 101, 541-554. | 0.0 | 13 |
| 196 | Preparation of 3-alkyl .beta.-lactams via the ketene imine cycloaddition reaction using .alpha.-(phenylthio)alkanoyl halides as starting materials: application to the synthesis of (.+-.)-carbapenem building blocks and related compounds. Journal of Organic Chemistry, 1991, 56, 4418-4428. | 1.7 | 38 |
| 197 | Preparation of chiral 3-unsubstituted Î²-lactams from 3-hydroxy Î²-lactams by using the alkoxyketene-imine cycloaddition reaction as an approach to the azetidinone ring: A formal synthesis of the carbapenem antibiotic (+)-PS-5.. Tetrahedron Letters, 1991, 32, 3105-3108. | 0.7 | 35 |
| 198 | Asymmetric synthesis of monocyclic Î²-lactams: application of imines derived from chiral N-protected Î±-amino aldehydes in the staudinger reaction. Tetrahedron Letters, 1991, 32, 3109-3110. | 0.7 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | A Î²-lactam approach to Ï‰-amino-Î²-keto acid derivatives.. Tetrahedron Letters, 1991, 32, 3115-3118. | 0.7 | 10 |
| 200 | Highly stereoselective synthesis of Î±-hydroxy Î²-amino acids through Î²-lactams: application to the synthesis of the taxol and bestatin side chains and related systems.. Tetrahedron Letters, 1990, 31, 6429-6432. | 0.7 | 91 |
| 201 | Tributyltin hydride addition to nitroalkenes: a convenient procedure for the conversion of nitroalkenes into nitroalkanes and carbonyl compounds. Journal of Organic Chemistry, 1990, 55, 2070-2078. | 1.7 | 31 |
| 202 | The Reformatskii type reaction of Gilman and Speeter in the preparation of valuable .beta.-lactams in carbapenem synthesis: scope and synthetic utility. Journal of Organic Chemistry, 1989, 54, 5736-5745. | 1.7 | 45 |
| 203 | Alkyl(phenylthio)ketenes as synthetic equivalents of monoalkylketenes: A concise general route to 3-alkyl Î²-lactams as carbapenem building-blocks. Tetrahedron Letters, 1989, 30, 4577-4580. | 0.7 | 25 |
| 204 | The Î±-bromoester-imine condensation promoted by zinc-trimethylchlorosilane: a stereospecific short formal synthesis of (Â±)-carbapenem antibiotics and related compounds. Journal of the Chemical Society Chemical Communications, 1989, , 74-76. | 2.0 | 17 |
| 205 | Synthetic utility of azetidine-2,3-diones: a new approach to 3-hydroxyethylÎ²-lactams and Î±-aminoacid derivatives. Tetrahedron Letters, 1988, 29, 3133-3136. | 0.7 | 28 |
| 206 | Reagents and synthetic methods. Part 67. Preparation of 4-unsubstituted .beta.-lactams from 4-acetoxyazetidin-2-ones. A formal approach to monobactams and nocardicins. Journal of Organic Chemistry, 1988, 53, 3784-3791. | 1.7 | 46 |
| 207 | Mo studies on Î²-lactams.- I. On the structure and reactivity of azetidin-2-one with split-valence basis sets.. Computational and Theoretical Chemistry, 1988, 166, 481-486. | 1.5 | 18 |
| 208 | A short formal synthesis of the carbapenem antibiotic (Â±)-PS-5. Journal of the Chemical Society Chemical Communications, 1988, , 809-810. | 2.0 | 14 |
| 209 | Pyridine assisted oxidations of alcohols to carbonyl compounds by means of 3-carâ˜ypyridinium dichromate (ndc) reagent. Tetrahedron, 1987, 43, 3963-3974. | 1.0 | 27 |
| 210 | N,N-Dimethylphosphoramidic dichloride: a convenient reagent for the preparation of Î²-lactams from acetic acids and imines. Tetrahedron Letters, 1987, 28, 1945-1948. | 0.7 | 36 |
| 211 | A concise synthesis of 4-unsubstituted azetidin-2-ones. Journal of the Chemical Society Chemical Communications, 1987, , 1743-1744. | 2.0 | 21 |
| 212 | Synthetic applications of chromium(VI) reagents in combination with chlorotrimethylsilane. Canadian Journal of Chemistry, 1986, 64, 225-231. | 0.6 | 29 |
| 213 | New stereochemical outcomes in the cycloaddition of acid halides or equivalents to cinnamylideneamines: A concise new approach to 4-acetoxyazetidin-2-ones.. Tetrahedron Letters, 1986, 27, 4359-4362. | 0.7 | 28 |
| 214 | Triphenylphosphine dibromide and dimethylsulfide dibromide as versatile reagents for beta-lactam synthesis. Tetrahedron Letters, 1985, 26, 3041-3044. | 0.7 | 20 |
| 215 | A novel synthetic approach to N-unsubstituted Î²-lactams. Tetrahedron Letters, 1985, 26, 4235-4238. | 0.7 | 8 |
| 216 | Stereoselective annelation of trimethylsiloxyacetic acids and imines into 3-hydroxy- Î²-lactams. Tetrahedron Letters, 1985, 26, 4239-4242. | 0.7 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Syntheses of Î²-lactams from acetic acids and imines induced by phenyl dichlorophosphate reagent. Tetrahedron, 1985, 41, 1703-1712. | 1.0 | 33 |
| 218 | | | |