

# Luigi A Agrofoglio

## List of Publications by Year in descending order

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127  
papers

3,322  
citations

186265

28  
h-index

182427

51  
g-index

166  
all docs

166  
docs citations

166  
times ranked

2661  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Chemical Approaches to Carbocyclic Nucleosides. <i>Chemical Record</i> , 2022, 22, e202100307.  | 5.8 | 14        |
| 2  | Nucleosides and emerging viruses: A new story. <i>Drug Discovery Today</i> , 2022, 27, 1945-1953.   | 6.4 | 15        |
| 3  | Design, synthesis and biological evaluation of 2-substituted-6-[(4-substituted-1-piperidyl)methyl]-1H-benzimidazoles as inhibitors of ebola virus infection. <i>European Journal of Medicinal Chemistry</i> , 2021, 214, 113211.              | 5.5 | 9         |
| 4  | Synthesis and Antiviral Evaluation of (1,4-Disubstituted-1,2,3-Triazol)-(E)-2-Methyl-but-2-Enyl Nucleoside Phosphonate Prodrugs. <i>Molecules</i> , 2021, 26, 1493.   | 3.8 | 4         |
| 5  | Synthesis of acyclic nucleoside phosphonates targeting flavin-dependent thymidylate synthase in <i>Mycobacterium tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116351.   | 3.0 | 4         |
| 6  | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“6. <i>Molecules</i> , 2020, 25, 119.   | 3.8 | 8         |
| 7  | Design and Synthesis of Various 5â€“2-Deoxy-5â€“-(4-Substituted-1,2,3-Triazol-1-yl)-Uridine Analogues as Inhibitors of <i>Mycobacterium tuberculosis</i> Mur Ligases. <i>Molecules</i> , 2020, 25, 4953.                                      | 3.8 | 9         |
| 8  | Thiopurine Derivative-Induced Fpg/Nei DNA Glycosylase Inhibition: Structural, Dynamic and Functional Insights. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2058.   | 4.1 | 6         |
| 9  | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“5. <i>Molecules</i> , 2019, 24, 2415.  | 3.8 | 5         |
| 10 | Monitoring of phosphorylation using immobilized kinases by on-line enzyme bioreactors hyphenated with High-Resolution Mass Spectrometry. <i>Talanta</i> , 2019, 205, 120120.  | 5.5 | 5         |
| 11 | Synthesis of imprinted hydrogel microbeads by inverse Pickering emulsion to controlled release of adenosine 5â€“2â€“monophosphate. <i>Materials Science and Engineering C</i> , 2019, 101, 254-263.   | 7.3 | 23        |
| 12 | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“4. <i>Molecules</i> , 2019, 24, 130.   | 3.8 | 4         |
| 13 | Monitoring of successive phosphorylations of thymidine using free and immobilized human nucleoside/nucleotide kinases by Flow Injection Analysis with High-Resolution Mass Spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1049, 115-122. | 5.4 | 6         |
| 14 | Highly convergent synthesis and antiviral activity of (E)-but-2-enyl nucleoside phosphonoamidates. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 678-686.   | 5.5 | 12        |
| 15 | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes-3. <i>Molecules</i> , 2018, 23, 1596.  | 3.8 | 1         |
| 16 | Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“2. <i>Molecules</i> , 2018, 23, 65.  | 3.8 | 2         |
| 17 | Selective inhibition of human cathepsin S by 2,4,6-trisubstituted 1,3,5-triazine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4310-4319.  | 3.0 | 11        |
| 18 | Synthesis and characterization of various 5â€“2-dye-labeled ribonucleosides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6552-6563.   | 2.8 | 6         |

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|----|--|-----|-----------|
| 19 | Suzuki-Miyaura Cross-Coupling as a Synthetic Tool for Nucleoside and Nucleotide Modification. , 2018, , 37-74.   |     | 7         |
| 20 | CHAPTER 3. Molecularly Imprinted Polymers-based Separation and Sensing of Nucleobases, Nucleosides, Nucleotides and Oligonucleotides. RSC Polymer Chemistry Series, 2018, , 65-123.  | 0.2 | 1         |
| 21 | Synthesis of 5,5-difluoro-5-phosphono-pent-2-en-1-yl nucleosides as potential antiviral agents. RSC Advances, 2017, 7, 32282-32287.  | 3.6 | 3         |
| 22 | Tailor-Made Molecularly Imprinted Polymer for Selective Recognition of the Urinary Tumor Marker Pseudouridine. Macromolecular Bioscience, 2017, 17, 1700250.   | 4.1 | 13        |
| 23 | Love Acoustic Wave-Based Devices and Molecularly-Imprinted Polymers as Versatile Sensors for Electronic Nose or Tongue for Cancer Monitoring. Sensors, 2016, 16, 915.  | 3.8 | 25        |
| 24 | Straightforward synthesis of 2,4,6-trisubstituted 1,3,5-triazine compounds targeting cysteine cathepsins K and S. European Journal of Medicinal Chemistry, 2016, 121, 12-20.   | 5.5 | 17        |
| 25 | Sonication-Assisted Synthesis of (E)-2-Methyl-but-2-enyl Nucleoside Phosphonate Prodrugs. ChemistrySelect, 2016, 1, 3108-3113.   | 1.5 | 8         |
| 26 | Synthesis of a molecularly imprinted polymer to isolate glucosamine from plant extracts by an ionic-non-covalent dual approach. International Journal of Cosmetic Science, 2015, 37, 196-206.                                  | 2.6 | 7         |
| 27 | Active site labeling of cysteine cathepsins by a straightforward diazomethylketone probe derived from the N-terminus of human cystatin C. Biochemical and Biophysical Research Communications, 2015, 460, 250-254.             | 2.1 | 9         |
| 28 | Synthesis of Fluorine-Containing 3,3-Disubstituted Oxetanes and Alkylidene Oxetanes. European Journal of Organic Chemistry, 2015, 2015, 3121-3128.   | 2.4 | 10        |
| 29 | Recent progress for the synthesis of selected carbocyclic nucleosides. Future Medicinal Chemistry, 2015, 7, 1809-1828.   | 2.3 | 29        |
| 30 | Synthesis of dihydropyrimidine $\beta$ , $\gamma$ -diketobutanoic acid derivatives targeting HIV integrase. European Journal of Medicinal Chemistry, 2015, 104, 127-138.   | 5.5 | 26        |
| 31 | Evaluation of molecularly imprinted polymers using 2,3,5-tri-O-acyluridines as templates for pyrimidine nucleoside recognition. Analytical and Bioanalytical Chemistry, 2014, 406, 6275-6284.                                  | 3.7 | 11        |
| 32 | A convenient, highly selective and eco-friendly N-Boc protection of pyrimidines under microwave irradiation. RSC Advances, 2014, 4, 59747-59749.   | 3.6 | 9         |
| 33 | Artificial receptors for the extraction of nucleoside metabolite 7-methylguanosine from aqueous media made by molecular imprinting. Journal of Chromatography A, 2014, 1365, 12-18.  | 3.7 | 13        |
| 34 | Combination of computational methods, adsorption isotherms and selectivity tests for the conception of a mixed non-covalent-semi-covalent molecularly imprinted polymer of vanillin. Analytica Chimica Acta, 2013, 790, 47-55. | 5.4 | 28        |
| 35 | The Preparation of Trisubstituted Alkenyl Nucleoside Phosphonates under Ultrasound-Assisted Olefin Cross-Metathesis. Organic Letters, 2013, 15, 4390-4393.   | 4.6 | 17        |
| 36 | Nucleosides analogs recognition by molecularly imprinted polymer-coated love wave sensor. , 2013, , .  |     | 0         |

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|----|--|------|-----------|
| 37 | Association of a Love wave sensor to thin film molecularly imprinted polymers for nucleosides analogs detection. , 2013, , .   |      | 9         |
| 38 | Synthesis and broad spectrum antiviral evaluation of bis(POM) prodrugs of novel acyclic nucleosides. European Journal of Medicinal Chemistry, 2013, 67, 398-408.   | 5.5  | 21        |
| 39 | Efficient Synthesis of Unprotected C-5-Aryl/Heteroaryl-2'-deoxyuridine via a Suzuki-Miyaura Reaction in Aqueous Media. Molecules, 2012, 17, 14409-14417.   | 3.8  | 42        |
| 40 | Synthesis of water-compatible imprinted polymers of in situ produced fructosazine and 2,5-deoxyfructosazine. Talanta, 2012, 99, 816-823.   | 5.5  | 12        |
| 41 | Synthesis and antiviral evaluation of bis(POM) prodrugs of (E)-[4- <sup>2</sup> -phosphono-but-2-en-1-yl]purine nucleosides. European Journal of Medicinal Chemistry, 2012, 57, 126-133.                       | 5.5  | 14        |
| 42 | Synthesis and antiviral evaluation of C5-substituted-(1,3-diyne)-2-deoxyuridines. European Journal of Medicinal Chemistry, 2012, 53, 220-228.  | 5.5  | 18        |
| 43 | One-pot Sonogashira-cyclization protocol to obtain substituted furopyrimidine nucleosides in aqueous conditions. Tetrahedron Letters, 2012, 53, 1760-1763.   | 1.4  | 21        |
| 44 | Novel Antiviral C5-Substituted Pyrimidine Acyclic Nucleoside Phosphonates Selected as Human Thymidylate Kinase Substrates. Journal of Medicinal Chemistry, 2011, 54, 222-232.                                  | 6.4  | 52        |
| 45 | Synthesis and Anti-HIV Evaluation of 3-Triazolo Nucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2011, 30, 264-270.  | 1.1  | 12        |
| 46 | Expeditious convergent procedure for the preparation of bis(POC) prodrugs of new (E)-4-phosphono-but-2-en-1-yl nucleosides. Tetrahedron, 2011, 67, 5319-5328.  | 1.9  | 32        |
| 47 | In Situ One-Step Method for Synthesis of Click-Functionalized Monolithic Stationary Phase for Capillary Electrochromatography. Macromolecular Chemistry and Physics, 2011, 212, 2700-2707.                     | 2.2  | 29        |
| 48 | The Shortest Strategy for Generating Phosphonate Prodrugs by Olefin Cross-Metathesis Application to Acyclonucleoside Phosphonates. European Journal of Organic Chemistry, 2011, 2011, 7324-7330.               | 2.4  | 16        |
| 49 | Synthesis of new C5-(1-substituted-1,2,3-triazol-4 or 5-yl)-2-deoxyuridines and their antiviral evaluation. European Journal of Medicinal Chemistry, 2011, 46, 778-786.  | 5.5  | 54        |
| 50 | Preparation of Cyclonucleosides. Chemical Reviews, 2010, 110, 1828-1856.   | 47.7 | 69        |
| 51 | 3-(1,2,3-Triazol-1-yl)-3-deoxythymidine analogs as substrates for human and Ureaplasma parvum thymidine kinase for structure-activity investigations. Bioorganic and Medicinal Chemistry, 2010, 18, 3261-3269. | 3.0  | 22        |
| 52 | Human and viral nucleoside/nucleotide kinases involved in antiviral drug activation: Structural and catalytic properties. Antiviral Research, 2010, 86, 101-120.   | 4.1  | 96        |
| 53 | Preparation of Carbocyclic Nucleosides from Chlorooxime Precursor. European Journal of Organic Chemistry, 2010, 2010, 749-754.   | 2.4  | 1         |
| 54 | Potential and Perspectives of Cyclonucleosides. Current Medicinal Chemistry, 2010, 17, 1527-1549.  | 2.4  | 13        |

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|----|--|-----|-----------|
| 55 | Microwave-assisted syntheses of nucleosides and their precursors. <i>Future Medicinal Chemistry</i> , 2010, 2, 177-192.  | 2.3 | 8         |
| 56 | Click Azide-Alkyne Cycloaddition for the Synthesis of 1,4-Disubstituted Triazolo-Carbanucleosides. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1880-1888.   | 2.4 | 26        |
| 57 | Molecular imprinting of AMP by an ionic-noncovalent dual approach. <i>Journal of Separation Science</i> , 2009, 32, 3285-3291.   | 2.5 | 27        |
| 58 | Preparation of C5-substituted O6,5- $\epsilon^2$ -cyclouridine. <i>Tetrahedron</i> , 2009, 65, 4053-4059.  | 1.9 | 15        |
| 59 | Synthesis of ( $\hat{A}$ )-1,2,3-triazolo-3- $\epsilon^2$ -deoxy-4- $\epsilon^2$ -hydroxymethyl carbanucleosides via "click" cycloaddition. <i>Tetrahedron</i> , 2009, 65, 1162-1170.  | 1.9 | 25        |
| 60 | Preparation of C-5-substituted 6,5- $\epsilon^2$ -O-anhydrouridine by Sn-Pd transmetallation-coupling process and their use. <i>Tetrahedron</i> , 2009, 65, 9791-9796.   | 1.9 | 14        |
| 61 | Phosphorylation of dGMP analogs by vaccinia virus TMP kinase and human GMP kinase. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 6-11.   | 2.1 | 15        |
| 62 | Specificity enhancement with LC-positive ESI-MS/MS for the measurement of nucleotides: application to the quantitative determination of carbovir triphosphate, lamivudine triphosphate and tenofovir diphosphate in human peripheral blood mononuclear cells. <i>Journal of Mass Spectrometry</i> , 2008, 43, 224-233. | 1.6 | 50        |
| 63 | Molecularly imprinted polymer of 5-methyluridine for solid-phase extraction of pyrimidine nucleoside cancer markers in urine. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8932-8939.   | 3.0 | 39        |
| 64 | Selective adenosine-5- $\epsilon^2$ -monophosphate uptake by water-compatible molecularly imprinted polymer. <i>Analytica Chimica Acta</i> , 2008, 616, 222-229.   | 5.4 | 36        |
| 65 | Preparation of acyclo nucleoside phosphonate analogues based on cross-metathesis. <i>Tetrahedron</i> , 2008, 64, 3517-3526.  | 1.9 | 39        |
| 66 | Synthesis and anti-HIV activity of 5-haloethynyl and 5-(1,2-dihalo)vinyl analogues of AZT and FLT. <i>Tetrahedron</i> , 2008, 64, 4444-4452.   | 1.9 | 9         |
| 67 | Preparation of ribavirin analogues by copper- and ruthenium-catalyzed azide-alkyne 1,3-dipolar cycloaddition. <i>Tetrahedron</i> , 2008, 64, 9044-9051.  | 1.9 | 78        |
| 68 | Crystal structure of poxvirus thymidylate kinase: An unexpected dimerization has implications for antiviral therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16900-16905.  | 7.1 | 59        |
| 69 | Study of Copper(I) Catalysts for the Synthesis of Carbanucleosides via Azide-Alkyne 1,3-Dipolar Cycloaddition. <i>Synthesis</i> , 2008, 2008, 141-148.   | 2.3 | 9         |
| 70 | Microwave-Assisted Silylation-Amination of Uracil Acyclonucleosides to 4-Alkylamino-2(1H)-Pyrimidinone Analogues. <i>Synthesis</i> , 2008, 2008, 2127-2133.  | 2.3 | 1         |
| 71 | Study of Different Copper (I) Catalysts for the "Click Chemistry" Approach to Carbanucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 779-783.   | 1.1 | 16        |
| 72 | Alkyne-Azide Click Chemistry Mediated Carbanucleosides Synthesis. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1391-1394.   | 1.1 | 18        |

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|----|--|-----|-----------|
| 73 | Cross-Metathesis Mediated Synthesis of New Acyclic Nucleoside Phosphonates. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1399-1402.   | 1.1 | 3         |
| 74 | Supported Synthesis and Functionnalization of 2-Deoxyuridine by Suzuki-Miyaura Cross-Coupling. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1395-1398.  | 1.1 | 7         |
| 75 | Looking for New Pyrimidine Acyclic Nucleotide Analogues Designed for Phosphorylation by Human Ump-Cmp Kinase. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1369-1373.   | 1.1 | 1         |
| 76 | Mass Spectrometry Based Methods for Analysis of Nucleosides as Antiviral Drugs and Potential Tumor Biomarkers. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1523-1527.  | 1.1 | 15        |
| 77 | Nucleotide binding to human UMP-CMP kinase using fluorescent derivatives: a screening based on affinity for the UMP-CMP binding site. <i>FEBS Journal</i> , 2007, 274, 3704-3714.  | 4.7 | 12        |
| 78 | Analysis and validation of the phosphorylated metabolites of two anti-human immunodeficiency virus nucleotides (stavudine and didanosine) by pressure-assisted CE-ESI-MS/MS in cell extracts: Sensitivity enhancement by the use of perfluorinated acids and alcohols as coaxial sheath-liquid make-up constituents. <i>Electrophoresis</i> , 2006, 27, 2464-2476. | 2.4 | 18        |
| 79 | An Overview of Diazine Nucleoside Analogues. <i>Current Organic Chemistry</i> , 2006, 10, 333-362.   | 1.6 | 32        |
| 80 | Simultaneous analysis of several antiretroviral nucleosides in rat-plasma by high-performance liquid chromatography with UV using acetic acid/hydroxylamine buffer. Test of this new volatile medium-pH for HPLC-ESI-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 821, 132-143.                  | 2.3 | 56        |
| 81 | Synthesis and antiviral activity of novel acyclic nucleosides in the 5-alkynyl- and 6-alkylfuro[2,3-d]pyrimidine series. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 1239-1248.  | 3.0 | 59        |
| 82 | Synthesis of 5-haloethynyl- and 5-(1,2-dihalo)vinyluracil nucleosides: Antiviral activity and cellular toxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6015-6024.  | 3.0 | 10        |
| 83 | Efficient synthesis of various acycloalkenyl derivatives of pyrimidine using cross-metathesis and Pd(0) methodologies. <i>Tetrahedron</i> , 2005, 61, 537-544.   | 1.9 | 47        |
| 84 | Metathesis strategy in nucleoside chemistry. <i>Tetrahedron</i> , 2005, 61, 7067-7080.   | 1.9 | 67        |
| 85 | Efficient Pd(0)-catalyzed synthesis of 1,2,3-triazolo-3-deoxycarbanucleosides and their analogues. <i>Tetrahedron</i> , 2005, 61, 11744-11750.   | 1.9 | 50        |
| 86 | Efficient Synthesis of Various Acycloalkenyl Derivatives of Pyrimidine Using Cross-Metathesis and Pd(0) Methodologies.. <i>ChemInform</i> , 2005, 36, no.  | 0.0 | 0         |
| 87 | Metathesis Strategy in Nucleoside Chemistry. <i>ChemInform</i> , 2005, 36, no.   | 0.0 | 0         |
| 88 | Olefin Metathesis Route to Antiviral Nucleosides. <i>Current Topics in Medicinal Chemistry</i> , 2005, 5, 1541-1558.   | 2.1 | 27        |
| 89 | Highly Efficient AgNO <sub>3</sub> -Catalyzed Preparation of Substituted Furano-Pyrimidine Nucleosides. <i>Synlett</i> , 2004, 2004, 2406-2408.  | 1.8 | 4         |
| 90 | Synthesis of l-cyclopentenyl nucleosides using ring-closing metathesis and palladium-mediated allylic alkylation methodologies. <i>Tetrahedron</i> , 2004, 60, 8397-8404.  | 1.9 | 21        |

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|-----|---|------|-----------|
| 91  | Palladium-Catalyzed Synthesis of Uridines on Polystyrene-Based Solid Supports. <i>ACS Combinatorial Science</i> , 2004, 6, 717-723.   | 3.3  | 29        |
| 92  | A new route to acyclic nucleosides via palladium-mediated allylic alkylation and cross-metathesis. <i>Tetrahedron Letters</i> , 2003, 44, 9177-9180.  | 1.4  | 21        |
| 93  | Palladium-Assisted Routes to Nucleosides. <i>ChemInform</i> , 2003, 34, no.   | 0.0  | 0         |
| 94  | Liquid chromatographic separation of phosphoramidate diastereomers on a polysaccharide-type chiral stationary phase. <i>Journal of Chromatography A</i> , 2003, 983, 115-124.   | 3.7  | 24        |
| 95  | HPLC and mass spectrometry analysis of the enzymatic hydrolysis of anti-HIV pronucleotide diastereomers. <i>Bioorganic Chemistry</i> , 2003, 31, 237-247.   | 4.1  | 12        |
| 96  | Synthesis of 1,2,3-triazolo-carbanucleoside analogues of ribavirin targeting an HCV in replicon. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 3633-3639.   | 3.0  | 65        |
| 97  | Palladium-Assisted Routes to Nucleosides. <i>Chemical Reviews</i> , 2003, 103, 1875-1916.   | 47.7 | 377       |
| 98  | Determination of some anti-human immunodeficiency virus nucleosides by capillary zone electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2002, 23, 88.  | 2.4  | 20        |
| 99  | Concurrent analysis of nucleoside reverse transcriptase inhibitors in a pool of endogenous nucleosides by short-end injection-capillary electrochromatography on a $\beta$ -cyclodextrin-bonded stationary phase. <i>Electrophoresis</i> , 2002, 23, 1263-1271. | 2.4  | 12        |
| 100 | Chemical synthesis of $^{13}\text{C}$ labeled anti-HIV nucleosides as mass-internal standards. <i>Tetrahedron</i> , 2002, 58, 9593-9603.  | 1.9  | 35        |
| 101 | Synthesis of a novel heterocyclic ring system: 2-thia-3,5,6,7,9-pentaazabenz[cd]azulenes. <i>Tetrahedron Letters</i> , 2002, 43, 695-697.   | 1.4  | 12        |
| 102 | EFFICIENT SYNTHESIS OF $^{13}\text{C}$ -RIBONUCLEOSIDES FOR INCORPORATION INTO OLIGO-RNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 937-940.  | 1.1  | 1         |
| 103 | Analysis of intracellular didanosine triphosphate at sub-ppb level using LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 26, 819-827.  | 2.8  | 28        |
| 104 | Enantioselective synthesis of carba- $\beta$ -furanose precursors of carbanucleosides, using ring-closing metathesis. <i>Tetrahedron Letters</i> , 2001, 42, 8817-8819.   | 1.4  | 26        |
| 105 | Synthesis of isotopically labeled d- $^{13}\text{C}$ ribonucleoside phosphoramidites. <i>Carbohydrate Research</i> , 2001, 331, 83-90.  | 2.3  | 15        |
| 106 | Simultaneous quantitation of nucleoside HIV-1 reverse transcriptase inhibitors by short-end injection capillary electrochromatography on a $\beta$ -cyclodextrin-bonded silica stationary phase. <i>Journal of Chromatography A</i> , 2001, 927, 161-168.       | 3.7  | 29        |
| 107 | SYNTHESIS OF CARBOCYCLIC PHOSPHONONUCLEOSIDES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 661-664.   | 1.1  | 5         |
| 108 | ANALYSIS OF ANTI-HIV NUCLEOSIDE INHIBITORS BY CAPILLARY ELECTROPHORESIS-ELECTROSPRAY IONIZATION MASS SPECTROMETRY. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 375-381.   | 1.1  | 17        |



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|-----|--|-----|-----------|
| 109 | Determination at ppb level of an anti-human immunodeficiency virus nucleoside drug by capillary electrophoresis-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2000, 895, 101-109. | 3.7 | 43        |
| 110 | Synthesis of 5- $\alpha$ -Thioalkyl, Sulfoxide and Sulfone Pyrimidine Nucleosides. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 599-600.   | 0.5 | 5         |
| 111 | Enantiomeric synthesis of nucleosides. <i>Tetrahedron</i> , 1999, 55, 8075-8082.   | 1.9 | 6         |
| 112 | Stereoselective Synthesis of Carbocyclic $\beta$ -L-Homonucleosides. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 601-602.   | 0.5 | 1         |
| 113 | Chiral Synthesis of Carbocyclic Analogues of ribofuranosides. <i>Journal of Organic Chemistry</i> , 1999, 64, 4173-4178.   | 3.2 | 40        |
| 114 | Stereoselective synthesis of $\beta$ -L-bicarbocyclic nucleosides as potential antiviral drugs. <i>Tetrahedron Letters</i> , 1998, 39, 9175-9178.  | 1.4 | 11        |
| 115 | A short and stereoselective synthesis of carbocyclic $\alpha$ -dideoxyhomonucleosides. <i>Journal of Heterocyclic Chemistry</i> , 1998, 35, 911-913.   | 2.6 | 5         |
| 116 | Acyclic, Carbocyclic and L-Nucleosides. , 1998, , .  |     | 73        |
| 117 | The chemistry of carbocyclic nucleosides. , 1998, , 174-255.   |     | 5         |
| 118 | Anti-viral activities of L-nucleosides. , 1998, , 323-335.   |     | 0         |
| 119 | Phase I Dose Escalation Pharmacokinetics of AZT- $\beta$ -Ddl (IVX-59) in Patients with Human Immunodeficiency Virus. <i>Journal of Clinical Pharmacology</i> , 1997, 37, 201-213.   | 2.0 | 4         |
| 120 | A multigram, stereoselective synthesis of d-[13C5]ribose from d-[13C6]glucose and its conversion into [13C5]nucleosides. <i>Tetrahedron Letters</i> , 1997, 38, 1411-1412.   | 1.4 | 30        |
| 121 | Asymmetric synthesis of L-cyclopentyl carbocyclic nucleosides. <i>Tetrahedron Letters</i> , 1997, 38, 4207-4210.   | 1.4 | 27        |
| 122 | Synthesis of Some 5- $\alpha$ -Thiopentofuranosylpyrimidines as Potential Anti-tumor Agents.. <i>Tetrahedron Letters</i> , 1997, 38, 7535-7538.  | 1.4 | 7         |
| 123 | Synthesis of Three New Carbocyclic Analogues of 3- $\alpha$ -Deoxy Purine Ribonucleosides. <i>Nucleosides &amp; Nucleotides</i> , 1994, 13, 1147-1160.   | 0.5 | 8         |
| 124 | Inhibition of human immunodeficiency virus type 1 reverse transcriptase by the 5'-triphosphate beta enantiomers of cytidine analogs. <i>Antimicrobial Agents and Chemotherapy</i> , 1994, 38, 2300-2305.                   | 3.2 | 73        |
| 125 | Synthesis of carbocyclic nucleosides. <i>Tetrahedron</i> , 1994, 50, 10611-10670.  | 1.9 | 390       |
| 126 | Synthesis of a new exocyclic amino carbocyclic nucleoside with potential antiviral activity.. <i>Tetrahedron Letters</i> , 1993, 34, 6271-6272.  | 1.4 | 12        |



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|-----|--|-----|-----------|
| 127 | Steric control of the epoxidation of 1-hydroxymethyl-3-cyclopentene using aryl or silyl hydroxyl protecting groups.. Tetrahedron Letters, 1992, 33, 5503-5504. | 1.4 | 11        |