

# Erik B. Pedersen

## 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.

160  
papers

2,239  
citations

24  
h-index

38  
g-index

169  
ext. papers

2,464  
ext. citations

4.3  
avg, IF

4.62  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 160 | Evaluation of the Base-Pairing Properties of 5-(5-Indolylolethynyl) and 5-(5-Indolyl)-2'-deoxyuridine Modified Triplex and Duplex. <i>ChemistrySelect</i> , <b>2020</b> , 5, 10067-10071  | 1.8  | 0         |
| 159 | Role of Poly [ADP-ribose] Polymerase 1 in Activating the () Gene in Response to Oxidative Stress. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,  | 6.3  | 9         |
| 158 | Conjugation of N-(3-(9-Ethynyl-6H-indolo[2,3-b]quinoxalin-6-yl)propyl)-2,2,2-trifluoroacetamide Intercalator to a Triplex Forming Oligonucleotide, a Three-Way Junction, and a G-Quadruplex. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 4362-4371 | 3.2  |           |
| 157 | Asymmetric Synthesis of Potential Precursors of the HIV Drug MC1220 and Its Analogues by Hydrogenation of (1-Arylvinyl)pyrimidines. <i>Journal of Heterocyclic Chemistry</i> , <b>2018</b> , 55, 1352-1357  | 1.9  | 0         |
| 156 | The regulatory G4 motif of the Kirsten ras (KRAS) gene is sensitive to guanine oxidation: implications on transcription. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 661-676  | 20.1 | 74        |
| 155 | Synthesis and Molecular Modeling of Thermally Stable DNA G-Quadruplexes with Anthraquinone Insertions. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 3092-3100   | 3.2  | 4         |
| 154 | LNA effects on DNA binding and conformation: from single strand to duplex and triplex structures. <i>Scientific Reports</i> , <b>2017</b> , 7, 11043  | 4.9  | 18        |
| 153 | Improved i-motif thermal stability by insertion of anthraquinone monomers. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 6613-6621  | 3.9  | 2         |
| 152 | Facile synthesis of the NNRTI microbicide MC-1220 and synthesis of its phosphoramidate prodrugs. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 940-6  | 3.9  | 4         |
| 151 | Next-generation bis-locked nucleic acids with stacking linker and 2Sglycylamino-LNA show enhanced DNA invasion into supercoiled duplexes. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 2007-19   | 20.1 | 18        |
| 150 | Unexpected Hydration of a Triple Bond During DNA Synthesis: Conjugating 3-(Pyren-1-ylethynyl)indole to DNA for Triplex Studies. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 3528-3535  | 3.2  | 3         |
| 149 | Synthesis of New DNA G-Quadruplex Constructs with Anthraquinone Insertions and Their Anticoagulant Activity. <i>Helvetica Chimica Acta</i> , <b>2016</b> , 99, 116-124  | 2    | 6         |
| 148 | Synthesis and Anti-HIV-1 Evaluation of Some Novel MC-1220 Analogs as Non-Nucleoside Reverse Transcriptase Inhibitors. <i>Archiv Der Pharmazie</i> , <b>2016</b> , 349, 363-72   | 4.3  | 2         |
| 147 | Thermal Stability of Modified i-Motif Oligonucleotides with Naphthalimide Intercalating Nucleic Acids. <i>Helvetica Chimica Acta</i> , <b>2016</b> , 99, 14-19  | 2    | 3         |
| 146 | Anti-parallel triplexes: Synthesis of 8-aza-7-deazaadenine nucleosides with a 3-aminopropynyl side-chain and its corresponding LNA analog. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 2458-69  | 3.4  |           |
| 145 | Thermal stability of G-rich anti-parallel DNA triplexes upon insertion of LNA and $\beta$ -LNA. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 5115-21   | 3.9  | 4         |
| 144 | Nucleic Acid Targeted Therapy: G4 Oligonucleotides Downregulate HRAS in Bladder Cancer Cells through a Decoy Mechanism. <i>ACS Medicinal Chemistry Letters</i> , <b>2015</b> , 6, 1179-83   | 4.3  | 16        |

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|-----|--|------|----|
| 143 | GC-elements controlling HRAS transcription form i-motif structures unfolded by heterogeneous ribonucleoprotein particle A1. <i>Scientific Reports</i> , <b>2015</b> , 5, 18097   | 4.9  | 30 |
| 142 | Synthesis and evaluation of novel 6-(3,5-dimethylbenzyl)uracil analogs as potential anti-HIV-1 agents. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2014</b> , 40, 579-585  | 1    | 3  |
| 141 | Unlocked nucleic acids with a pyrene-modified uracil: synthesis, hybridization studies, fluorescent properties and i-motif stability. <i>ChemBioChem</i> , <b>2014</b> , 15, 146-56  | 3.8  | 19 |
| 140 | Synthesis of novel fluoro analogues of MKC442 as microbicides. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 5169-78   | 8.3  | 9  |
| 139 | Synthesis and evaluation of thalidomide and phthalimide esters as antitumor agents. <i>Archiv Der Pharmazie</i> , <b>2014</b> , 347, 642-9   | 4.3  | 11 |
| 138 | Synthesis of a new intercalating nucleic acid 6H-INDOLO[2,3-b] quinoxaline oligonucleotides to improve thermal stability of Hoogsteen-type triplexes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2013</b> , 32, 98-108       | 1.4  | 4  |
| 137 | MAZ-binding G4-decoy with locked nucleic acid and twisted intercalating nucleic acid modifications suppresses KRAS in pancreatic cancer cells and delays tumor growth in mice. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 4049-64 | 20.1 | 72 |
| 136 | Highly Efficient Synthesis of Allopurinol Locked Nucleic Acid Monomer by C6 Deamination of 8-Aza-7-bromo-7-deazaadenine Locked Nucleic Acid Monomer. <i>Synthesis</i> , <b>2013</b> , 45, 3259-3262                                      | 2.9  | 2  |
| 135 | Development of bis-locked nucleic acid (bisLNA) oligonucleotides for efficient invasion of supercoiled duplex DNA. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 3257-73   | 20.1 | 21 |
| 134 | Conjugation of a 3-(1H-phenanthro[9,10-d]imidazol-2-yl)-1H-indole intercalator to a triplex oligonucleotide and to a three-way junction. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 207-14                            | 3.4  | 4  |
| 133 | Improved DNA Clamps by Stacking to Adjacent Nucleobases. <i>Helvetica Chimica Acta</i> , <b>2012</b> , 95, 1538-1547   |      | 4  |
| 132 | Chemical maturation of a bivalent aptamer by single domain variation. <i>ChemBioChem</i> , <b>2012</b> , 13, 631-4   | 3.8  | 17 |
| 131 | Studying the influence of the pyrene intercalator TINA on the stability of DNA i-motifs. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2012</b> , 31, 872-9   | 1.4  | 12 |
| 130 | Improved inhibition of telomerase by short twisted intercalating nucleic acids under molecular crowding conditions. <i>Nucleic Acid Therapeutics</i> , <b>2012</b> , 22, 399-404   | 4.8  | 6  |
| 129 | Cationic modified nucleic acids for use in DNA hairpins and parallel triplexes. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 4527-34   | 3.9  | 2  |
| 128 | G4-DNA formation in the HRAS promoter and rational design of decoy oligonucleotides for cancer therapy. <i>PLoS ONE</i> , <b>2011</b> , 6, e24421  | 3.7  | 76 |
| 127 | Synthesis of locked pyranosyl nucleic acid (LpNA). <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 7376-8  | 2.9  | 6  |
| 126 | Synthesis and anti-HIV-1 activity of new fluoro-HEPT analogues: an investigation on fluoro versus hydroxy substituents. <i>Archiv Der Pharmazie</i> , <b>2011</b> , 344, 366-71  | 4.3  | 2  |

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|-----|---|------|----|
| 125 | Pyrene intercalating nucleic acids with a carbon linker. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2011</b> , 30, 210-26   | 1.4  | 4  |
| 124 | Optimizing anti-gene oligonucleotide Zorro-LNASfor improved strand invasion into duplex DNA. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 1142-54  | 20.1 | 23 |
| 123 | Enhanced anti-HIV-1 activity of G-quadruplexes comprising locked nucleic acids and intercalating nucleic acids. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 2470-81   | 20.1 | 58 |
| 122 | Increasing the analytical sensitivity by oligonucleotides modified with para- and ortho-twisted intercalating nucleic acids--TINA. <i>PLoS ONE</i> , <b>2011</b> , 6, e20565  | 3.7  | 10 |
| 121 | Synthesis of a new intercalating nucleic acid analogue with pyrenol insertions and the thermal stability of the resulting oligonucleotides towards DNA over RNA. <i>Monatshefte Für Chemie</i> , <b>2010</b> , 141, 817-822         | 1.4  | 3  |
| 120 | A novel synthetic route for the anti-HIV drug MC-1220 and its analogues. <i>ChemMedChem</i> , <b>2010</b> , 5, 1847-9.  | 3.7  | 8  |
| 119 | A novel FRET pair for detection of parallel DNA triplexes by the LightCycler. <i>BMC Biotechnology</i> , <b>2010</b> , 10, 4  | 3.5  | 11 |
| 118 | Prompt Lithiation of 1-Dimethylsulfamoylthymine Used for the Synthesis of 1-Allyloxymethyl-6-(2,6-trifluorobenzyl)thymine. <i>Synthesis</i> , <b>2009</b> , 2009, 3589-3592   | 2.9  | 2  |
| 117 | Synthesis and anti-HIV-1 activity of 1-substituted 6-(3-cyanobenzoyl) and [(3-cyanophenyl)fluoromethyl]-5-ethyl-uracils. <i>Archiv Der Pharmazie</i> , <b>2009</b> , 342, 501-6   | 4.3  | 9  |
| 116 | Synthesis of novel uracil non-nucleoside derivatives as potential reverse transcriptase inhibitors of HIV-1. <i>Archiv Der Pharmazie</i> , <b>2009</b> , 342, 663-70  | 4.3  | 23 |
| 115 | New acylated flavone and cyanogenic glycosides from <i>Linum grandiflorum</i> . <i>Natural Product Research</i> , <b>2009</b> , 23, 489-97  | 2.3  | 8  |
| 114 | Identification of a new G-quadruplex motif in the KRAS promoter and design of pyrene-modified G4-decoys with antiproliferative activity in pancreatic cancer cells. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 564-8 | 8.3  | 70 |
| 113 | High physiological thermal triplex stability optimization of twisted intercalating nucleic acids (TINA). <i>Organic and Biomolecular Chemistry</i> , <b>2008</b> , 6, 3714-22   | 3.9  | 14 |
| 112 | Purine twisted-intercalating nucleic acids: a new class of anti-gene molecules resistant to potassium-induced aggregation. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, 3494-507   | 20.1 | 37 |
| 111 | Triplex glue by synthesizing conjugated flexible intercalators. <i>Nucleic Acids Symposium Series</i> , <b>2008</b> , 37-8  |      | 1  |
| 110 | Synthesis and antiviral evaluation of 6-(trifluoromethylbenzyl) and 6-(fluorobenzyl) analogues of HIV drugs emivirine and GCA-186. <i>Archiv Der Pharmazie</i> , <b>2008</b> , 341, 9-19  | 4.3  | 18 |
| 109 | Synthesis and anti-HIV-1 evaluation of 1,5-disubstituted pyrimidine-2,4-diones. <i>Journal of Heterocyclic Chemistry</i> , <b>2008</b> , 45, 1161-1166  | 1.9  | 1  |
| 108 | Triplex formation by pyrene-labelled probes for nucleic acid detection in fluorescence assays. <i>ChemBioChem</i> , <b>2008</b> , 9, 791-801  | 3.8  | 24 |

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|-----|--|------|----|
| 107 | 1-, 2-, and 4-ethynylpyrenes in the structure of twisted intercalating nucleic acids: structure, thermal stability, and fluorescence relationship. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9968-80   | 4.8  | 50 |
| 106 | Synthesis and antiviral activity of new dimeric inhibitors against HIV-1. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 511-7  | 3.4  | 17 |
| 105 | Using an aryl phenanthroimidazole moiety as a conjugated flexible intercalator to improve the hybridization efficiency of a triplex-forming oligonucleotide. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 9937-47   | 3.4  | 11 |
| 104 | Stabilization of parallel triplexes by twisted intercalating nucleic acids (TINAs) incorporating 1,2,3-triazole units and prepared by microwave-accelerated click chemistry. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 6379-86   | 4.8  | 63 |
| 103 | Synthesis and anti-HIV-1 activity of new MKC-442 analogues with an alkynyl-substituted 6-benzyl group. <i>Archiv Der Pharmazie</i> , <b>2007</b> , 340, 225-35   | 4.3  | 7  |
| 102 | Synthesis and anti-HIV-1 activity of 1,3-phenylene bis-uracil analogues of MKC-442. <i>Journal of Heterocyclic Chemistry</i> , <b>2007</b> , 44, 381-387   | 1.9  | 2  |
| 101 | Synthesis of some novel 2,6-disubstituted pyridazin-3-ones as TMC120 analogues. <i>Journal of Heterocyclic Chemistry</i> , <b>2007</b> , 44, 1351-1356   | 1.9  | 4  |
| 100 | New Emivirine (MKC-442) Analogues Containing a Tetrahydronaphthalene at C-6 and their Anti-HIV Activity. <i>Monatshefte Für Chemie</i> , <b>2007</b> , 138, 495-503  | 1.4  | 3  |
| 99  | The effect of INA [(R)-1-O-(1-pyrenylmethyl)glycerol] insertions on the structure and biological activity of a G-quadruplex from a critical KRAS G-rich sequence. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2007</b> , 26, 1641-3   | 1.4  | 6  |
| 98  | High thermal stability of 5S5Slinked alternate Hoogsteen triplexes at physiological pH. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 5311-5  | 16.4 | 28 |
| 97  | Twisted Intercalating Nucleic Acids: Intercalator Influence on Parallel Triplex Stabilities. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 3960-3968  | 3.2  | 24 |
| 96  | Synthesis and DNA binding properties of a new benzo[f]imidazo[1,5b]-isoquinoline-butan-1,2-diol derivative. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2006</b> , 25, 1335-44  | 1.4  | 2  |
| 95  | Synthesis of twisted intercalating nucleic acids possessing acridine derivatives. Thermal stability studies. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 950-7   | 6.3  | 22 |
| 94  | Intercalating nucleic acids (INAs) containing insertions of 6H-indolo[2,3-b]quinoxaline. <i>Tetrahedron</i> , <b>2006</b> , 62, 11187-11199  | 2.4  | 16 |
| 93  | Synthesis and Anti-HIV-1 Activity of Novel MKC-442 Analogues Containing Alkenyl Chains or Reactive Functionalities in the 6-Benzyl Group. <i>Monatshefte Für Chemie</i> , <b>2006</b> , 137, 1557-1570   | 1.4  | 6  |
| 92  | Easily denaturing nucleic acids derived from intercalating nucleic acids: thermal stability studies, dual duplex invasion and inhibition of transcription start. <i>Nucleic Acids Research</i> , <b>2005</b> , 33, 7129-37   | 20.1 | 24 |
| 91  | Unexpected Isolation of 4-Isothiocyanatomethylene-4H-pyridine-1-carboxylic Acid Ethyl Ester as Potential Template in Organic Synthesis. <i>Synthetic Communications</i> , <b>2005</b> , 35, 2475-2480  | 1.7  | 1  |
| 90  | Synthesis and evaluation of double-prodrugs against HIV. Conjugation of D4T with 6-benzyl-1-(ethoxymethyl)-5-isopropyluracil (MKC-442, emivirine)-type reverse transcriptase inhibitors via the SATE prodrug approach. <i>Journal of Medicinal Chemistry</i> , <b>2005</b> , 48, 1211-20 | 8.3  | 21 |

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|----|---|------|----|
| 89 | Stable and selective formation of Hoogsteen-type triplexes and duplexes using twisted intercalating nucleic acids (TINA) prepared via postsynthetic Sonogashira solid-phase coupling reactions. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 14849-58 | 16.4 | 87 |
| 88 | Synthesis of 2-(aminocarbonylmethylthio)-1H-imidazoles as novel Capravirine analogues. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 4209-20  | 3.4  | 27 |
| 87 | Design, synthesis and ribosome binding of chloramphenicol nucleotide and intercalator conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 2079-83   | 2.9  | 11 |
| 86 | Synthesis of 6-(3,5-dichlorobenzyl) derivatives as isosteric analogues of the HIV drug 6-(3,5-dimethylbenzyl)-1-(ethoxymethyl)-5-isopropyluracil (GCA-186). <i>Archiv Der Pharmazie</i> , <b>2005</b> , 338, 299-304  | 4.3  | 15 |
| 85 | Enhanced inhibition of transcription start by targeting with 2SOME pentaribonucleotides comprising locked nucleic acids and intercalating nucleic acids. <i>ChemBioChem</i> , <b>2005</b> , 6, 1181-4   | 3.8  | 10 |
| 84 | Synthesis of N-1-(Indanyloxymethyl) and N-1-(4-Hydroxybut-2-enyloxymethyl) Analogues of the HIV Drugs Emivirine and GCA-186. <i>Monatshefte Für Chemie</i> , <b>2005</b> , 136, 1247-1254   | 1.4  | 11 |
| 83 | Synthesis of a New Furanoid Glycal Auxiliary. <i>Monatshefte Für Chemie</i> , <b>2005</b> , 136, 1641-1644  | 1.4  | 1  |
| 82 | Intercalating nucleic acids: the influence of linker length and intercalator type on their duplex stabilities. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2004</b> , 23, 207-25   | 1.4  | 24 |
| 81 | Synthesis and incorporation of an alpha-hexofuranosyl thymidine into oligodeoxynucleotides via its two exocyclic OH-groups. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 581-4   | 2.9  | 3  |
| 80 | Synthesis of furoannelated analogues of Emivirine (MKC-442). <i>Archiv Der Pharmazie</i> , <b>2004</b> , 337, 148-51  | 4.3  | 6  |
| 79 | Locked nucleic acids and intercalating nucleic acids in the design of easily denaturing nucleic acids: thermal stability studies. <i>ChemBioChem</i> , <b>2004</b> , 5, 1673-9  | 3.8  | 21 |
| 78 | Synthesis of 6-arylvinyl analogues of the HIV drugs SJ-3366 and Emivirine. <i>Bioorganic and Medicinal Chemistry</i> , <b>2004</b> , 12, 1141-9   | 3.4  | 26 |
| 77 | Hexofuranosyl thymidines inserted into oligodeoxynucleotides via their two exocyclic hydroxy groups. Oligo synthesis and RNase H activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2004</b> , 12, 2843-51  | 3.4  | 3  |
| 76 | Intercalating nucleic acids: The inversion of the stereocenter in 1-O-(pyren-1-ylmethyl)glycerol from R to S. Thermal stability towards ssDNA, ssRNA and its own type of oligodeoxynucleotides. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 4907-4910                      | 2    | 17 |
| 75 | Facile route for the synthesis of the iminosugar nucleoside (3R,4R)-1-(pyren-1-yl)-4-(hydroxymethyl)pyrrolidin-3-ol. <i>Carbohydrate Research</i> , <b>2004</b> , 339, 1565-8   | 2.9  | 4  |
| 74 | NMR structure determination of a modified DNA oligonucleotide containing a new intercalating nucleic acid. <i>Bioconjugate Chemistry</i> , <b>2004</b> , 15, 260-9  | 6.3  | 36 |
| 73 | Nucleic acid component analogues: synthesis of 2Sdeoxynucleosides from 5-substituted-4-hydroxy-6(1H)-pyrimidinones. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2003</b> , 22, 99-107  | 4    | 4  |
| 72 | Multiple pathways in the synthesis of new annelated analogues of 6-benzyl-1-(ethoxymethyl)-5-isopropyluracil (emivirine). <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 2908-18  | 3.9  | 26 |



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|----|---|-----|----|
| 71 | Synthesis of new uracil non-nucleoside derivatives as potential inhibitors of HIV-1. <i>Journal of Heterocyclic Chemistry</i> , <b>2003</b> , 40, 213-217   | 1.9 | 21 |
| 70 | Studying the synthesis of 4-tert-butyl-1,3-dihydroimidazol-2-ones and their corresponding thiones. <i>Journal of Heterocyclic Chemistry</i> , <b>2003</b> , 40, 593-599   | 1.9 | 14 |
| 69 | Synthesis of 2-methylsulfanyl-1H-imidazoles as novel non-nucleoside reverse transcriptase inhibitors (NNRTIs). <i>Archiv Der Pharmazie</i> , <b>2003</b> , 336, 175-80  | 4.3 | 14 |
| 68 | Synthesis and evaluation of new potential HIV-1 non-nucleoside reverse transcriptase inhibitors. New analogues of MKC-442 containing Michael acceptors in the C-6 position. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 3541-5 | 3.9 | 15 |
| 67 | Intercalating nucleic acids (INAs) with insertion of N-(pyren-1-ylmethyl)-(3R,4R)-4-(hydroxymethyl)pyrrolidin-3-ol. DNA (RNA) duplex and DNA three-way junction stabilities. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 100-3 | 3.9 | 31 |
| 66 | Synthesis of imidazoles as novel emivirine and S-DABO analogues. <i>Journal of Heterocyclic Chemistry</i> , <b>2002</b> , 39, 375-382   | 1.9 | 19 |
| 65 | Anti-HIV Active Naphthyl Analogues of HEPT and DABO. <i>Monatshefte Für Chemie</i> , <b>2002</b> , 133, 723-734   | 1.4 | 11 |
| 64 | Synthesis of New MKC-442 Analogues Containing Alkenyl Chains or Reactive Functionalities at C-5. <i>Monatshefte Für Chemie</i> , <b>2002</b> , 133, 1031-1043   | 1.4 | 14 |
| 63 | Synthesis of novel N-1 (allyloxymethyl) analogues of 6-benzyl-1-(ethoxymethyl)-5-isopropyluracil (MKC-442, emivirine) with improved activity against HIV-1 and its mutants. <i>Journal of Medicinal Chemistry</i> , <b>2002</b> , 45, 5721-6    | 8.3 | 60 |
| 62 | Synthesis of 1-Substituted Indole-3-Carboxaldehyde related to Acyclic Nucleosides and their Condensed Pyrenyl Derivatives. <i>Journal of Chemical Research</i> , <b>2001</b> , 2001, 9-9  | 0.6 | 3  |
| 61 | Synthesis of 1?-aza-C-nucleosides from (3R,4R)-4-(hydroxymethyl)pyrrolidin-3-ol. <i>Tetrahedron</i> , <b>2001</b> , 57, 9163-9168   | 2.4 | 24 |
| 60 | Synthesis and anti-HIV activity of HEPT and S-DABO-analogues with 5-Benzyl and 5-Phenyl substituents. <i>Journal of Heterocyclic Chemistry</i> , <b>2001</b> , 38, 679-683  | 1.9 | 16 |
| 59 | Synthesis of an aza analogue of 2-deoxy-D-ribofuranose and its homologues. <i>Carbohydrate Research</i> , <b>2001</b> , 333, 115-22   | 2.9 | 35 |
| 58 | SYNTHESIS OF CERTAIN 6-(ARYLTHIO)URACILS AS POTENTIAL ANTIVIRAL AGENTS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2001</b> , 174, 25-35   | 1   | 11 |
| 57 | Preparation of oligodeoxynucleotides containing 5-(N-methylpiperazinyl) and 5-benzyloxymethyl uracils. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2001</b> , 20, 1-9  | 1.4 | 2  |
| 56 | A novel and facile reaction to N6-alkylated adenosine via benzotriazole as a synthetic auxiliary. <i>Journal of Heterocyclic Chemistry</i> , <b>2000</b> , 37, 339-341  | 1.9 | 1  |
| 55 | Synthesis of annelated analogues of 6-benzyl-1-(ethoxymethyl)-5-isopropyluracil (MKC-442) using 1,3-oxazine-2,4(3H)-diones as key intermediates. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , <b>2000</b> , 3035-3038        |     | 9  |
| 54 | Synthesis of 5-Alkyl-6-arylmethyl-2-(7-bromo-3,5-dioxahexylthio)-pyrimidin-4(1H)-ones and 7-Oxopyrimidino-1,5,3-oxathiazepines as New S-DABO Analogues with Anti-HIV Activity. <i>Monatshefte Für Chemie</i> , <b>1999</b> , 130, 1499-1512     | 1.4 | 14 |

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|----|--|-----|-----|
| 53 | Bis-intercalation of homodimeric thiazole orange dye derivatives in DNA. <i>Bioconjugate Chemistry</i> , <b>1999</b> , 10, 66-74   | 6.3 | 19  |
| 52 | A Novel Route to N6-Alkylated 2SDeoxyadenosine Using Benzotriazole as a Synthetic Auxiliary.. <i>Acta Chemica Scandinavica</i> , <b>1999</b> , 53, 280-283   |     | 4   |
| 51 | DNA Conjugated Phenoxyaniline Intercalators: Synthesis of Diethanolaminoacetamide-type Linkers.. <i>Acta Chemica Scandinavica</i> , <b>1999</b> , 53, 425-431                                      |     | 3   |
| 50 | Stabilizing a DNA Three-Way Junction by Insertion of N4-Aryl-2-deoxy-5-methylcytidines.. <i>Acta Chemica Scandinavica</i> , <b>1999</b> , 53, 497-507  |     | 2   |
| 49 | Synthesis and anti-HIV-1 activity of novel 2,3-dihydro-7H-thiazolo[3,2-a]pyrimidin-7-ones. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 191-8   | 8.3 | 110 |
| 48 | Synthesis of 5-(4-Nitroimidazol-1-yl)-2Sdeoxyuridines.. <i>Acta Chemica Scandinavica</i> , <b>1998</b> , 52, 513-514   |     | 6   |
| 47 | Synthesis of 3Sazoyl-2S3Sdideoxyhexose nucleosides. <i>Acta Chemica Scandinavica</i> , <b>1998</b> , 52, 935-41  |     | 2   |
| 46 | Bisintercalation of homodimeric thiazole orange dyes in DNA: effect of modifying the linker. <i>Bioconjugate Chemistry</i> , <b>1997</b> , 8, 869-77   | 6.3 | 29  |
| 45 | Targeting Chimeric alpha,beta-Oligonucleotides to the Flanks of a Stem in DNA. The Enhanced Effect of an Intercalator.. <i>Acta Chemica Scandinavica</i> , <b>1997</b> , 51, 1245-1252             |     | 7   |
| 44 | Synthesis and potent anti-HIV-1 activity of novel 6-benzyluracil analogues of 1-[(2-hydroxyethoxy)methyl]-6-(phenylthio)thymine. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 2427-31 | 8.3 | 58  |
| 43 | The potential of aspirin in prodrug synthesis: a new potential delivery system of AZT and FLT. <i>Archiv Der Pharmazie</i> , <b>1996</b> , 329, 417-20   | 4.3 | 6   |
| 42 | Insertion of 5-methyl-N4-(1-pyrenylmethyl)cytidine into DNA. Duplex, three-way junction and triplex stabilities. <i>Tetrahedron</i> , <b>1996</b> , 52, 15311-15324                                | 2.4 | 15  |
| 41 | Synthesis of an AZT-HEPT hybrid and homologous AzddU derivatives. <i>Acta Chemica Scandinavica</i> , <b>1996</b> , 50, 417-21  |     | 5   |
| 40 | Synthesis of a Carboxamide Linked UBr*UBr DimerDuplex and Triplex Stabilities of the Corresponding Oligodeoxynucleotides. <i>Nucleosides &amp; Nucleotides</i> , <b>1995</b> , 14, 2027-2038       |     | 2   |
| 39 | Evaluation of Oligonucleotides with Novel Modifications. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>1995</b> , 14, 1097-1100   | 1.4 | 2   |
| 38 | Synthesis of a Carboxamide Linked T*T Dimer with an Acyclic Nucleoside Unit and Its Incorporation in Oligodeoxynucleotides. <i>Nucleosides &amp; Nucleotides</i> , <b>1995</b> , 14, 1905-1912     |     | 2   |
| 37 | Synthesis of 3SC-Phosphono Nucleosides from $\beta$ -Unsaturated Lactone. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>1995</b> , 14, 345-347  | 1.4 | 3   |
| 36 | Synthesis of 4-methylthio analogues of FLT and AZT and their evaluation against HIV. <i>Archiv Der Pharmazie</i> , <b>1995</b> , 328, 67-70  | 4.3 | 3   |



- 35 Synthesis of carboxamide linked dimers,  $\beta$ - $\beta$  and  $\beta$ -Cl- $\beta$ . Duplex and triplex stabilities of the corresponding oligodeoxynucleotides. *Tetrahedron*, **1995**, 51, 7867-7876 2.4 6
- 34 Synthesis of 3SDialkylamino-2 $\beta$ Sdideoxynucleosides from a 2,3Anhydrothymidine or an alpha,beta-Unsaturated Aldehyde.. *Acta Chemica Scandinavica*, **1995**, 49, 291-296 3
- 33 Synthesis of 3SO-(2-aminoethyl)-2Sdeoxyuridines. *Acta Chemica Scandinavica*, **1995**, 49, 609-14 2
- 32 Synthesis and antiviral evaluation of hydantoin analogues of AZT. *Archiv Der Pharmazie*, **1994**, 327, 653-54.3 19
- 31 5SAzido and 5Sfluoro alpha-nucleosides as analogues of AZT and FLT. *Acta Chemica Scandinavica*, **1994**, 48, 215-21 11
- 30 Hydantoin analogs of thymidine. *Journal of Organic Chemistry*, **1993**, 58, 5994-5999 4.2 28
- 29 Convergent synthesis of 2 $\beta$ ,3 $\beta$ -dideoxy-3 $\beta$ -methylthio and 2 $\beta$ ,3 $\beta$ -dideoxy-3 $\beta$ -mercapto nucleosides and their disulfide analogues [Potential anti-HIV agents. *Monatshefte Für Chemie*, **1993**, 124, 37-53 1.4 9
- 28 Synthesis of 5-dialkylaminomethyl-3 $\beta$ -azido and 3 $\beta$ -fluoro-2 $\beta$ ,3 $\beta$ -dideoxyuridines for evaluation as anti-HIV agents. *Monatshefte Für Chemie*, **1993**, 124, 55-64 1.4 5
- 27 Synthesis of New Acyclic Nucleosides.. *Acta Chemica Scandinavica*, **1993**, 47, 889-895 5
- 26 Synthesis of 1-(3-(1,2,4-triazol-1-yl)-2,3,6-trideoxy-L-arabino-hexofuranosyl)uracils via an  $\beta$ Unsaturated aldehydohexose. *Monatshefte Für Chemie*, **1992**, 123, 349-354 1.4 1
- 25 New route for the synthesis of 2-thiouracil analogues of 3 $\beta$ -azido-2 $\beta$ ,3 $\beta$ -dideoxy nucleosides. *Monatshefte Für Chemie*, **1992**, 123, 355-361 1.4 3
- 24 Synthesis of 5-alkoxymethyl derivatives of 3Samino-2 $\beta$ Sdideoxyuridine and evaluation of their activity against HIV and cancer. *Acta Chemica Scandinavica*, **1992**, 46, 77-81 9
- 23 Synthesis of 5-homologous AZT and D4T derivatives. *Acta Chemica Scandinavica*, **1992**, 46, 1016-20 2
- 22 Synthesis of 2 $\beta$ ,3 $\beta$ -dideoxynucleosides from 5-alkoxymethyluracils. *Monatshefte Für Chemie*, **1991**, 122, 59-70 1.4 6
- 21 New Strategies in the Synthesis of 3 $\beta$ -Azido-2 $\beta$ ,3 $\beta$ -dideoxy-nucleosides with Furanose Configuration. *Nucleosides & Nucleotides*, **1991**, 10, 405-408 3
- 20 Synthesis and evaluation of antiviral activity of L-acosamine and L-ristosamine nucleosides of furanose configuration. *Acta Chemica Scandinavica*, **1991**, 45, 616-20 6
- 19 Synthesis of 1-(3-alkyl-2,3-dideoxy-D-pentofuranosyl)uracils with potential anti-HIV activity. *Acta Chemica Scandinavica*, **1991**, 45, 930-4 2
- 18 New synthesis of 2 $\beta$ Sdidehydro-2 $\beta$ Sdideoxynucleosides. *Acta Chemica Scandinavica*, **1991**, 45, 1060-3 7

|    |   |     |    |
|----|---|-----|----|
| 17 | Synthesis of 3S(4-nitroimidazol-1-yl)-2,3-dideoxynucleosides of pyrimidine analogues and their biological evaluation against HIV. <i>Archiv Der Pharmazie</i> , <b>1990</b> , 323, 949-53   | 4-3 | 4  |
| 16 | Synthesis of N-substituted 3-Amino-2,3-dideoxythymidines and their biological evaluation against HIV. <i>Archiv Der Pharmazie</i> , <b>1990</b> , 323, 971-5  | 4-3 | 2  |
| 15 | Potential anti-HIV active pyranoid analogs of AZT. <i>Acta Chemica Scandinavica</i> , <b>1990</b> , 44, 294-6   |     | 10 |
| 14 | A Simple Synthetic Route to Silylated Methyl 3-Azido-2,3-dideoxy-alpha,beta-D-erythro-pentofuranoside.. <i>Acta Chemica Scandinavica</i> , <b>1990</b> , 44, 522-523  |     | 27 |
| 13 | Stereoselective 1,4-Addition of Thiols to (2E)-4,6-Di-O-acetyl-2,3-dideoxy-aldehydo-D-erythro-hex-2-enose.. <i>Acta Chemica Scandinavica</i> , <b>1990</b> , 44, 1046-1049  |     | 3  |
| 12 | Synthesis of New 3'-Amino-2',3'-Dideoxynucleosides in Five Steps Starting from Peracetylated Cyclics. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>1989</b> , 8, 961-965  | 1.4 | 1  |
| 11 | 2,3-Dideoxy-3-Phthalimidopentoses in the Synthesis of 3'-Amino-2',3'-Dideoxynucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>1989</b> , 8, 1069-1070   | 1.4 |    |
| 10 | Anomalous Coupled Nucleosides. <i>Nucleosides &amp; Nucleotides</i> , <b>1987</b> , 6, 43-51  |     |    |
| 9  | Phosphorus Pentoxide in Organic Synthesis. XXX. New Synthesis of 4(3H)-Quinazolinones.. <i>Acta Chemica Scandinavica</i> , <b>1987</b> , 41b, 467-468   |     | 2  |
| 8  | Synthesis of trifluoromethylisoxazoloazines. <i>Acta Chemica Scandinavica</i> , <b>1986</b> , 40, 760-3   |     | 3  |
| 7  | Phosphoramides, XIX [1] Phosphorus Pentoxide Amine Hydrochloride Reagents in the Synthesis of 3-Amino-1,2-benzisothiazole-1,1-dioxides and 3-Aminothieno [3,4-d] isothiazole-1,1-dioxides. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>1981</b> , 36, 1640-1643 | 1   | 3  |
| 6  | Phosphoramides. XII. Diphosphorus Pentoxide Amine Mixtures as Reagents in a New Synthesis of Formamidines with Potential Pesticidal Activity.. <i>Acta Chemica Scandinavica</i> , <b>1980</b> , 34b, 369-373  |     | 8  |
| 5  | Phosphoramides. XIII. Phosphorus Pentoxide--Amine Hydrochloride Mixtures as Reagents in the Synthesis of 4(3H)-Quinazolinones and 4-Quinazolinamines.. <i>Acta Chemica Scandinavica</i> , <b>1980</b> , 34b, 637-642  |     | 8  |
| 4  | Phosphoramides. X. Phosphorus Pentoxide Amine Mixtures and HMPT as Reagents in the Synthesis of 4-Amino- and 4-Dimethylamino-2,3-polymethylenequinolines.. <i>Acta Chemica Scandinavica</i> , <b>1979</b> , 33b, 313-318  |     | 6  |
| 3  | Phosphoramides. VII. Phenyl N,N-Dimethylphosphorodiamidate as a Reagent for Synthesis of 3-Methylthieno[2,3-d]pyrimidin-4(3H)-ones.. <i>Acta Chemica Scandinavica</i> , <b>1978</b> , 32b, 303-305  |     | 9  |
| 2  | Phosphoramides. IV. A New Synthesis of Biologically Important Formamidines.. <i>Acta Chemica Scandinavica</i> , <b>1977</b> , 31b, 261-261  |     | 2  |
| 1  | DNA-Conjugated Organic Chromophores in DNA Stacking Interactions <sup>1</sup>   |     | 2  |