# Per Trolle JÃ¸rgensen

List of Publications by Year
in descending order



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|---|---|---|---|
| 32 papers | 429 citations | 758635 12 h-index | 752256 20 g-index |
| 32 all docs | 32 docs citations | 32 times ranked | 511 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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. Journal of Medicinal Chemistry, 2002, 45, 5721-5726. | 2.9 | 69 |
| 2 | microRNA-155 inhibition restores Fibroblast Growth Factor 7 expression in diabetic skin and decreases wound inflammation. Scientific Reports, 2019, 9, 5836. | 1.6 | 45 |
| 3 | LNA effects on DNA binding and conformation: from single strand to duplex and triplex structures. Scientific Reports, 2017, 7, 11043. | 1.6 | 28 |
| 4 | Development of an Efficient Gâ€Quadruplexâ€Stabilised Thrombinâ€Binding Aptamer Containing a Threeâ€Carbon Spacer Molecule. ChemBioChem, 2017, 18, 755-763. | 1.3 | 26 |
| 5 | Twisted Intercalating Nucleic Acids â€“ Intercalator Influence on Parallel Triplex Stabilities. European Journal of Organic Chemistry, 2006, 2006, 3960-3968. | 1.2 | 25 |
| 6 | Development of bis-locked nucleic acid (bisLNA) oligonucleotides for efficient invasion of supercoiled duplex DNA. Nucleic Acids Research, 2013, 41, 3257-3273. | 6.5 | 25 |
| 7 | Next-generation bis-locked nucleic acids with stacking linker and 2â€²-glycylamino-LNA show enhanced DNA invasion into supercoiled duplexes. Nucleic Acids Research, 2016, 44, 2007-2019. | 6.5 | 24 |
| 8 | 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. Journal of Medicinal Chemistry, 2005, 48, 1211-1220. | 2.9 | 22 |
| 9 | Synthesis of imidazoles as novel emivirine and Sâ€DABO analogues. Journal of Heterocyclic Chemistry, 2002, 39, 375-382. | 1.4 | 20 |
| 10 | Synthesis of 6-(3,5-Dichlorobenzyl) Derivatives as Isosteric Analogues of the HIV Drug 6-(3,5-Dimethylbenzyl)-1-(ethoxymethyl)-5-isopropyluracil (GCA-186). Archiv Der Pharmazie, 2005, 338, 299-304. | 2.1 | 17 |
| 11 | Synthesis of New MKC-442 Analogues Containing Alkenyl Chains or Reactive Functionalities at C-5. Monatshefte FÃ¼r Chemie, 2002, 133, 1031-1043. | 0.9 | 15 |
| 12 | Using an aryl phenanthroimidazole moiety as a conjugated flexible intercalator to improve the hybridization efficiency of a triplex-forming oligonucleotide. Bioorganic and Medicinal Chemistry, 2008, 16, 9937-9947. | 1.4 | 13 |
| 13 | Convergent synthesis of 2â€²,3â€²-dideoxy-3â€²-methylthio and 2â€²,3â€²-dideoxy-3â€²-mercapto nucleosides and their disulfide analogues â€" Potential anti-HIV agents. Monatshefte FÃ¼r Chemie, 1993, 124, 37-53. | 0.9 | 11 |
| 14 | Synthesis and Biophysical Investigations of Oligonucleotides Containing Galactose-Modified DNA, LNA, and 2â€²-Amino-LNA Monomers. Journal of Organic Chemistry, 2016, 81, 10845-10856. | 1.7 | 11 |
| 15 | Synthesis of annelated analogues of 6-benzyl-1-(ethoxymethyl)-5-isopropyluracil (MKC-442) using 1,3-oxazine-2,4(3Hâ€Š)-diones as key intermediates. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3035-3038. | 1.3 | 10 |
| 16 | Synthesis of 5-dialkylaminomethyl-3â€²-azido and 3â€²-fluoro-2â€²,3â€²-dideoxyuridines for evaluation as anti-HIV agents. Monatshefte FÃ¼r Chemie, 1993, 124, 55-64. | 0.9 | 7 |
| 17 | Gapmer Antisense Oligonucleotides Containing 2â€²,3â€²â€Dideoxyâ€2â€²â€fluoroâ€3â€²â€•C â€hydroxymethylâ€²â€•d â€lyxofuranosyl Nucleotides Display Siteâ€Specific RNaseâ€…H Cleavage and Induce Gene Silencing. Chemistry - A European Journal, 2020, 26, 1368-1379. | 1.7 | 7 |
| 18 | Polyamineâ€Functionalized 2â€²â€Aminoâ€LNA in Oligonucleotides: Facile Synthesis of New Monomers and Highâ€Affinity Binding towards ssDNA and dsDNA. Chemistry - A European Journal, 2021, 27, 1416-1422. | 1.7 | 7 |

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|---|---|---|---|
| 19 | Can Vitamin B12 Assist the Internalization of Antisense LNA Oligonucleotides into Bacteria?. Antibiotics, 2021, 10, 379. | 1.5 | 7 |
| 20 | Synthesis of locked pyranosyl nucleic acid (LpNA). Bioorganic and Medicinal Chemistry Letters, 2011, 21, 7376-7378. | 1.0 | 6 |
| 21 | Alpha-l-Locked Nucleic Acid-Modified Antisense Oligonucleotides Induce Efficient Splice Modulation In Vitro. International Journal of Molecular Sciences, 2020, 21, 2434. | 1.8 | 6 |
| 22 | Synthesis of Î±-Arabinose Nucleosides from 6-Substituted Uracils. Liebigs Annalen Der Chemie, 1993, 1993, 1-5. | 0.8 | 4 |
| 23 | Facile route for the synthesis of the iminosugar nucleoside (3R,4R)-1-(pyren-1-yl)-4-(hydroxymethyl)pyrrolidin-3-ol. Carbohydrate Research, 2004, 339, 1565-1568. | 1.1 | 4 |
| 24 | New Emivirine (MKC-442) Analogues Containing a Tetrahydronaphthalene at C-6 and their Anti-HIV Activity. Monatshefte FÃ¼r Chemie, 2007, 138, 495-503. | 0.9 | 4 |
| 25 | 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. Bioorganic and Medicinal Chemistry, 2012, 20, 207-214. | 1.4 | 4 |
| 26 | Carbazole modified oligonucleotides: synthesis, hybridization studies and fluorescence properties. Organic and Biomolecular Chemistry, 2020, 18, 6935-6948. | 1.5 | 4 |
| 27 | Polyamineâ€“Oligonucleotide Conjugates: 2â€²-OMe-Triazole-Linked 1,4,7,10-Tetraazacyclododecane and Intercalating Dyes and Their Effect on the Thermal Stability of DNA Duplexes. Pharmaceutics, 2022, 14, 66. | 2.0 | 3 |
| 28 | Unexpected Isolation of 4â€Isothiocyanatomethyleneâ€4Hâ€pyridineâ€1â€carboxylic Acid Ethyl Ester as Potential Template in Organic Synthesis. Synthetic Communications, 2005, 35, 2475-2480. | 1.1 | 2 |
| 29 | Unlocked nucleic acid modified primer-based enzymatic polymerization assay: towards allele-specific genotype detection of human platelet antigens. RSC Advances, 2018, 8, 32770-32774. | 1.7 | 1 |
| 30 | Antisense locked nucleic acid gapmers to control Candida albicans filamentation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2022, 39, 102469. | 1.7 | 1 |
| 31 | Evaluation of Gene Expression Knockâ€Down by Chemically and Structurally Modified Gapmer Antisense Oligonucleotides. ChemBioChem, 0, , . | 1.3 | 1 |
| 32 | Novel assemblies based on oligonucleotides containing intercalating nucleic acid monomers. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 82-96. | 0.4 | 0 |