

Niels Langkjær

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

784
citations

932766

10
h-index

996533

15
g-index

18
all docs

18
docs citations

18
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	A large-scale chemical modification screen identifies design rules to generate siRNAs with high activity, high stability and low toxicity. <i>Nucleic Acids Research</i> , 2009, 37, 2867-2881.	6.5	315
2	A screen of chemical modifications identifies position-specific modification by UNA to most potently reduce siRNA off-target effects. <i>Nucleic Acids Research</i> , 2010, 38, 5761-5773.	6.5	157
3	UNA (unlocked nucleic acid): A flexible RNA mimic that allows engineering of nucleic acid duplex stability. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5420-5425.	1.4	112
4	Multi-curie production of gallium-68 on a biomedical cyclotron and automated radiolabelling of PSMA-11 and DOTATATE. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 1.	1.8	41
5	Filling the gap in LNA antisense oligo gapmers: the effects of unlocked nucleic acid (UNA) and 4 ^{â€²} -C-hydroxymethyl-DNA modifications on RNase H recruitment and efficacy of an LNA gapmer. <i>Molecular BioSystems</i> , 2009, 5, 838.	2.9	40
6	Development of an Efficient Gâ€³-Quadruplexâ€³-Stabilised Thrombinâ€³-Binding Aptamer Containing a Threeâ€³-Carbon Spacer Molecule. <i>ChemBioChem</i> , 2017, 18, 755-763.	1.3	26
7	Synthesis and Biophysical Studies of Coronene Functionalized 2â€²-Amino-LNA: A Novel Class of Fluorescent Nucleic Acids. <i>Bioconjugate Chemistry</i> , 2010, 21, 513-520.	1.8	21
8	Evaluation of somatostatin and nucleolin receptors for therapeutic delivery in non-small cell lung cancer stem cells applying the somatostatin-analog DOTATATE and the nucleolin-targeting aptamer AS1411. <i>PLoS ONE</i> , 2017, 12, e0178286.	1.1	20
9	Highly Effective Auger-Electron Therapy in an Orthotopic Glioblastoma Xenograft Model using Convection-Enhanced Delivery. <i>Theranostics</i> , 2016, 6, 2278-2291.	4.6	19
10	3â€²-Pyrene-modified unlocked nucleic acids: synthesis, fluorescence properties and a surprising stabilization effect on duplexes and triplexes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2073-2085.	1.5	11
11	Bisâ€³-Pyreneâ€³-Modified Unlocked Nucleic Acids: Synthesis, Hybridization Studies, and Fluorescent Properties. <i>ChemMedChem</i> , 2014, 9, 2120-2127.	1.6	9
12	Watsonâ€³-Crick hydrogen bonding of unlocked nucleic acids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5064-5066.	1.0	6
13	Selective Biocatalytic Acylation Studies on 5â€²-O-(4,4â€²-Dimethoxytrityl)-2â€²,3â€²-Secouridine: An Efficient Synthesis of UNA Monomer. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2012, 31, 831-840.	0.4	4
14	Auger electron therapy of glioblastoma using [125I]5-iodo-2â€²-deoxyuridine and concomitant chemotherapy â€³ Evaluation of a potential treatment strategy. <i>Nuclear Medicine and Biology</i> , 2021, 96-97, 35-40.	0.3	2
15	Establishment of patientâ€³-derived lung tumorspheres and their response to internal irradiation by Auger electrons. <i>International Journal of Oncology</i> , 2022, 60, .	1.4	1
16	ET-22 * CONVECTION-ENHANCED DELIVERY OF THE AUGER-ELECTRON-EMITTER 125I-UdR: A HIGHLY EFFICIENT THERAPY IN AN ORTHOTOPIC GLIOBLASTOMA XENOGRAFT MODEL. <i>Neuro-Oncology</i> , 2014, 16, v84-v84.	0.6	0