Niels LangkjÃ¦r

List of Publications by Year
in descending order

16	784	932766 10	996533 15
papers	citations	h-index	g-index

18	18	18	1053
all docs	docs citations	times ranked	citing authors

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