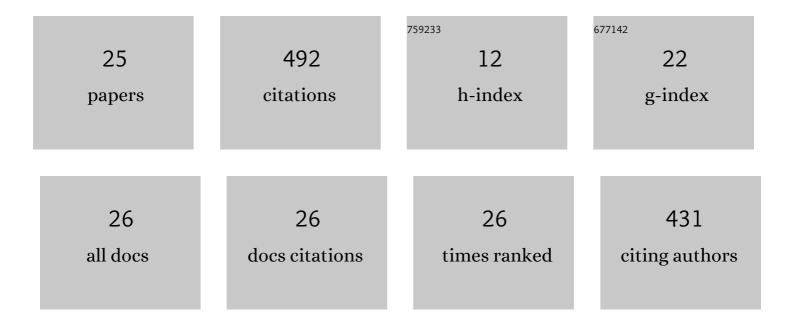
Jory Lietard

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9347259/publications.pdf Version: 2024-02-01



LODY LIFTADD

#	Article	IF	CITATIONS
1	Sequence-dependent quenching of fluorescein fluorescence on single-stranded and double-stranded DNA. RSC Advances, 2022, 12, 5629-5637.	3.6	10
2	Defining the <i>Sphagnum</i> Core Microbiome across the North American Continent Reveals a Central Role for Diazotrophic Methanotrophs in the Nitrogen and Carbon Cycles of Boreal Peatland Ecosystems. MBio, 2022, 13, .	4.1	18
3	Simple synthesis of massively parallel RNA microarrays via enzymatic conversion from DNA microarrays. Nature Communications, 2022, 13, .	12.8	4
4	Sequence Preference and Initiator Promiscuity for <i>De Novo</i> DNA Synthesis by Terminal Deoxynucleotidyl Transferase. ACS Synthetic Biology, 2021, 10, 1750-1760.	3.8	16
5	Chemical and photochemical error rates in light-directed synthesis of complex DNA libraries. Nucleic Acids Research, 2021, 49, 6687-6701.	14.5	20
6	Low cost DNA data storage using photolithographic synthesis and advanced information reconstruction and error correction. Nature Communications, 2020, 11, 5345.	12.8	66
7	<scp>l</scp> â€DNA Duplex Formation as a Bioorthogonal Information Channel in Nucleic Acidâ€Based Surface Patterning. Chemistry - A European Journal, 2020, 26, 14310-14314.	3.3	6
8	Chip-SIP: Stable Isotope Probing Analyzed with rRNA-Targeted Microarrays and NanoSIMS. Methods in Molecular Biology, 2019, 2046, 71-87.	0.9	9
9	Spotting, Transcription and In Situ Synthesis: Three Routes for the Fabrication of RNA Microarrays. Computational and Structural Biotechnology Journal, 2019, 17, 862-868.	4.1	10
10	Large-Scale Photolithographic Synthesis of Chimeric DNA/RNA Hairpin Microarrays To Explore Sequence Specificity Landscapes of RNase HII Cleavage. Biochemistry, 2019, 58, 4389-4397.	2.5	11
11	High-Density DNA and RNA microarrays - Photolithographic Synthesis, Hybridization and Preparation of Large Nucleic Acid Libraries. Journal of Visualized Experiments, 2019, , .	0.3	5
12	Multi-level patterning nucleic acid photolithography. Nature Communications, 2019, 10, 3805.	12.8	29
13	Identification of Cinnamaldehyde as Most Effective Fatty Acid Uptake Reducing Cinnamon-Derived Compound in Differentiated Caco-2 Cells Compared to Its Structural Analogues Cinnamyl Alcohol, Cinnamic Acid, and Cinnamyl Isobutyrate. Journal of Agricultural and Food Chemistry, 2019, 67, 11638-11649.	5.2	7
14	Specificity and Efficiency of the Uracil DNA Glycosylase-Mediated Strand Cleavage Surveyed on Large Sequence Libraries. Scientific Reports, 2019, 9, 17822.	3.3	16
15	High-Efficiency Reverse (5′→3′) Synthesis of Complex DNA Microarrays. Scientific Reports, 2018, 8, 15099.	3.3	17
16	Inâ€situâ€Synthese von hochdichten RNAâ€Mikroarrays mittels Photolithographie. Angewandte Chemie, 2018, 130, 15477-15481.	2.0	2
17	Highâ€Density RNA Microarrays Synthesized Inâ€Situ by Photolithography. Angewandte Chemie - International Edition, 2018, 57, 15257-15261.	13.8	31
18	Mapping the affinity landscape of Thrombin-binding aptamers on 2′F-ANA/DNA chimeric G-Quadruplex microarrays. Nucleic Acids Research, 2017, 45, gkw1357.	14.5	40

JORY LIETARD

#	Article	IF	CITATIONS
19	An orthogonal photolabile linker for the complete "on-support―synthesis/fast deprotection/hybridization of RNA. Chemical Communications, 2014, 50, 15063-15066.	4.1	6
20	Base-cleavable microarrays for the characterization of DNA and RNA oligonucleotides synthesized <i>in situ</i> by photolithography. Chemical Communications, 2014, 50, 12903-12906.	4.1	8
21	Synthesis, Pairing, and Cellular Uptake Properties of C(6′)-Functionalized Tricyclo-DNA. Journal of Organic Chemistry, 2012, 77, 4566-4577.	3.2	18
22	2-Pyrenyl-DNA: Synthesis, Pairing, and Fluorescence Properties. Organic Letters, 2012, 14, 5176-5179.	4.6	28
23	Synthesis, binding and cellular uptake properties of oligodeoxynucleotides containing cationic bicyclo-thymidine residues. Bioorganic and Medicinal Chemistry, 2011, 19, 5869-5875.	3.0	10
24	New Strategies for Cyclization and Bicyclization of Oligonucleotides by Click Chemistry Assisted by Microwaves. Journal of Organic Chemistry, 2008, 73, 191-200.	3.2	76
25	An efficient reagent for 5′-azido oligonucleotide synthesis. Tetrahedron Letters, 2007, 48, 8795-8798.	1.4	27