

Michael Petersen

List of Publications by Year in descending order

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21
papers

1,467
citations

758635

12
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

1340
citing authors

#	ARTICLE	IF	CITATIONS
1	LNA: a versatile tool for therapeutics and genomics. Trends in Biotechnology, 2003, 21, 74-81.	4.9	578
2	Locked Nucleic Acid (LNA) Recognition of RNA: NMR Solution Structures of LNA:RNA Hybrids. Journal of the American Chemical Society, 2002, 124, 5974-5982.	6.6	243
3	Structural Studies of LNA:RNA Duplexes by NMR: Conformations and Implications for RNase H Activity. Chemistry - A European Journal, 2000, 6, 2687-2695.	1.7	179
4	The conformations of locked nucleic acids (LNA). , 2000, 13, 44-53.		176
5	LNA (LOCKED NUCLEIC ACID) AND THE DIASTEREOISOMERIC Î±-L-LNA: CONFORMATIONAL TUNING AND HIGH-AFFINITY RECOGNITION OF DNA/RNA TARGETS. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 389-396.	0.4	57
6	Î±-L-LNA (Î±-riboConfigured Locked Nucleic Acid) Recognition of RNA. A Study by NMR Spectroscopy and Molecular Dynamics Simulations. Journal of the American Chemical Society, 2001, 123, 7431-7432.	6.6	40
7	Chemistry of locked nucleic acids (LNA): Design, synthesis, and bio-physical properties. International Journal of Peptide Research and Therapeutics, 2003, 10, 237-253.	0.9	32
8	Additional Base-Pair Formation in DNA Duplexes by a Double-Headed Nucleotide. Chemistry - A European Journal, 2012, 18, 7434-7442.	1.7	19
9	Tricyclic nucleosides derived from D-glucose. Synthesis and conformational behaviour. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3706-3713.	1.3	18
10	Molecular Dynamics Simulations Reveal the Conformational Flexibility of Lipid II and Its Loose Association with the Defensin Plectasin in the <i>Staphylococcus aureus</i> Membrane. Biochemistry, 2016, 55, 3303-3314.	1.2	18
11	The Extension of a DNA Double Helix by an Additional Watson-Crick Base Pair on the Same Backbone. ChemBioChem, 2013, 14, 1072-1074.	1.3	15
12	Double-Coding Nucleic Acids: Introduction of a Nucleobase Sequence in the Major Groove of the DNA Duplex Using Double-Headed Nucleotides. Journal of Organic Chemistry, 2014, 79, 8020-8030.	1.7	15
13	Base-Pairing Properties of Double-Headed Nucleotides. Chemistry - A European Journal, 2019, 25, 7387-7395.	1.7	14
14	An averaged polarizable potential for multiscale modeling in phospholipid membranes. Journal of Computational Chemistry, 2017, 38, 601-611.	1.5	12
15	Condensing the information in DNA with double-headed nucleotides. Chemical Communications, 2017, 53, 9717-9720.	2.2	12
16	Conformational preludes to the latency transition in PAI-1 as determined by atomistic computer simulations and hydrogen/deuterium-exchange mass spectrometry. Scientific Reports, 2017, 7, 6636.	1.6	11
17	Structural Studies of LNA:RNA Duplexes by NMR: Conformations and Implications for RNase H Activity. , 2000, 6, 2687.		7
18	Structural Characterization of LNA and Î±-L-LNA Hybridized to RNA. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1691-1693.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Chemistry of locked nucleic acids (LNA): Design, synthesis, and bio-physical properties. International Journal of Peptide Research and Therapeutics, 2003, 10, 237-253.	0.1	4
20	SYNTHESIS AND NMR-ANALYSIS OF TRICYCLIC NUCLEOSIDES. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 1309-1312.	0.4	1
21	Chemistry of locked nucleic acids (LNA): Design, synthesis, and bio-physical properties. International Journal of Peptide Research and Therapeutics, 2005, 10, 237-253.	0.9	0