

Chaturong Suparpprom

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and oligodeoxynucleotide binding properties of pyrrolidinyl peptide nucleic acids bearing prolyl-2-aminocyclopentanecarboxylic acid (ACPC) backbones. <i>Tetrahedron Letters</i> , 2005, 46, 2833-2837.	1.4	43
2	Pyrrolidinyl peptide nucleic acid with $\hat{1}\pm/\hat{1}^2$ -peptide backbone. <i>Artificial DNA, PNA & XNA</i> , 2011, 2, 50-59.	1.4	40
3	Synthesis and properties of novel pyrrolidinyl PNA carrying $\hat{1}^2$ -amino acid spacers. <i>Tetrahedron Letters</i> , 2001, 42, 5533-5536.	1.4	33
4	Clitoria ternatea Flower Petal Extract Inhibits Adipogenesis and Lipid Accumulation in 3T3-L1 Preadipocytes by Downregulating Adipogenic Gene Expression. <i>Molecules</i> , 2019, 24, 1894.	3.8	30
5	Insight into why pyrrolidinyl peptide nucleic acid binding to DNA is more stable than the DNA-DNA duplex. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 765-771.	2.1	24
6	Reductive Alkylation and Sequential Reductive Alkylation-Click Chemistry for On-Solid-Support Modification of Pyrrolidinyl Peptide Nucleic Acid. <i>Bioconjugate Chemistry</i> , 2013, 24, 614-625.	3.6	24
7	3-Aminopyrrolidine-4-carboxylic acid as versatile handle for internal labeling of pyrrolidinyl PNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6465-6469.	2.2	19
8	Pyrene-labeled pyrrolidinyl peptide nucleic acid as a hybridization-responsive DNA probe: comparison between internal and terminal labeling. <i>RSC Advances</i> , 2014, 4, 8817-8827.	3.6	14
9	Hydrophilic and Cell-Penetrable Pyrrolidinyl Peptide Nucleic Acid via Post-synthetic Modification with Hydrophilic Side Chains. <i>Bioconjugate Chemistry</i> , 2017, 28, 2284-2292.	3.6	14
10	Perspectives on conformationally constrained peptide nucleic acid (PNA): insights into the structural design, properties and applications. <i>RSC Chemical Biology</i> , 2022, 3, 648-697.	4.1	14
11	Synthesis and nucleic acid binding studies of novel pyrrolidinyl PNA carrying an N-amino-N-methylglycine spacer. <i>Tetrahedron Letters</i> , 2003, 44, 1663-1666.	1.4	10
12	Synthesis of 2-[4-(Ethylcarbamoyl)phenyl]-N-acetyl glycine, the Proposed Structure for Giganticine. <i>Journal of Natural Products</i> , 2001, 64, 1114-1116.	3.0	7
13	Synthesis and fluorescence properties of 3,6-diaminocarbazole-modified pyrrolidinyl peptide nucleic acid. <i>RSC Advances</i> , 2016, 6, 74314-74322.	3.6	6
14	Isothermal Detection of Canine Blood Parasite (<i>Ehrlichia canis</i>) Utilizing Recombinase Polymerase Amplification Coupled with Graphene Oxide Quenching-Based Pyrrolidinyl Peptide Nucleic Acid. <i>Bioconjugate Chemistry</i> , 2021, 32, 523-532.	3.6	6