

Sankha Pattanayak

List of Publications by Year in descending order

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19
papers

333
citations

840776

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26
all docs

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docs citations

26
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395
citing authors

#	ARTICLE	IF	CITATIONS
1	Clickable Nucleic Acids: Sequence-Controlled Periodic Copolymer/Oligomer Synthesis by Orthogonal Thiol-X Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14462-14467.	13.8	75
2	Dynamic and Responsive DNA-like Polymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 13594-13598.	13.7	45
3	Improved Protocol for the Synthesis of Flexibly Protected Morpholino Monomers from Unprotected Ribonucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2012, 31, 763-782.	1.1	21
4	A cationic morpholino antisense oligomer conjugate: synthesis, cellular uptake and inhibition of Gli1 in the hedgehog signalling pathway. <i>RSC Advances</i> , 2014, 4, 1951-1954.	3.6	20
5	Synthesis of Morpholino Monomers, Chlorophosphoramidate Monomers, and Solid-Phase Synthesis of Short Morpholino Oligomers. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2015, 62, 4.65.1-4.65.26.	0.5	19
6	Internal Oligoguanidinium-Based Cellular Transporter Enhances Antisense Efficacy of Morpholinos in In Vitro and Zebrafish Model. <i>Bioconjugate Chemistry</i> , 2016, 27, 2254-2259.	3.6	17
7	Synthesis of 5-alkynylated uracil-morpholino monomers using Sonogashira coupling. <i>Tetrahedron Letters</i> , 2012, 53, 4179-4183.	1.4	15
8	Synthesis of Phosphorodiamidate Morpholino Oligonucleotides Using Trityl and Fmoc Chemistry in an Automated Oligo Synthesizer. <i>Journal of Organic Chemistry</i> , 2022, 87, 9466-9478.	3.2	14
9	Synthesis of new series of iboga analogues. <i>Tetrahedron Letters</i> , 2011, 52, 6166-6169.	1.4	12
10	Ceric ammonium nitrate-mediated detritylation of tritylated amines. <i>Tetrahedron Letters</i> , 2011, 52, 34-37.	1.4	12
11	Lithium bromide-DBU mediated synthesis of chlorophosphoramidate-activated morpholino nucleoside subunits. <i>Tetrahedron Letters</i> , 2012, 53, 6714-6717.	1.4	12
12	Synthesis of Nucleobase-Functionalized Morpholino-Modified Nucleoside Monomers Through Palladium-Catalyzed Cross-Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1271-1286.	2.4	12
13	Magnesium Chloride-Catalyzed Thiolytic of Epoxides: Synthesis of β -hydroxy Sulfides. <i>Synthetic Communications</i> , 2010, 40, 2658-2666.	2.1	10
14	Synthesis and cell transfection properties of cationic uracil-morpholino tetramer. <i>Tetrahedron Letters</i> , 2014, 55, 1072-1076.	1.4	10
15	Hedgehog Antagonist Pyrimidine-Indole Hybrid Molecule Inhibits Ciliogenesis through Microtubule Destabilisation. <i>ChemBioChem</i> , 2018, 19, 723-735.	2.6	8
16	Combinatorial control of gene function with wavelength-selective caged morpholinos. <i>Methods in Enzymology</i> , 2019, 624, 69-88.	1.0	7
17	Piperazine acid derivatives inhibit Gli1 in Hedgehog signaling pathway. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4423-4426.	2.2	6
18	Cationic Cytosine Morpholino-Based Transporters: Synthesis and Regulation of Intracellular Localization. <i>ChemistrySelect</i> , 2017, 2, 5059-5067.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Synthesis of Nucleobase-Functionalized Morpholino Monomers. <i>Methods in Molecular Biology</i> , 2019, 1973, 107-130.	0.9	3