

Sankha Pattanayak

List of Publications by Year in descending order

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19
papers

333
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840776

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | Synthesis of Nucleobase-Functionalized Morpholino Monomers. <i>Methods in Molecular Biology</i> , 2019, 1973, 107-130. | 0.9 | 3 |
| 3 | Combinatorial control of gene function with wavelength-selective caged morpholinos. <i>Methods in Enzymology</i> , 2019, 624, 69-88. | 1.0 | 7 |
| 4 | Hedgehog Antagonist Pyrimidine-Indole Hybrid Molecule Inhibits Ciliogenesis through Microtubule Destabilisation. <i>ChemBioChem</i> , 2018, 19, 723-735. | 2.6 | 8 |
| 5 | Dynamic and Responsive DNA-like Polymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 13594-13598. | 13.7 | 45 |
| 6 | Cationic Cytosine Morpholino-Based Transporters: Synthesis and Regulation of Intracellular Localization. <i>ChemistrySelect</i> , 2017, 2, 5059-5067. | 1.5 | 6 |
| 7 | Piperazine acid derivatives inhibit Gli1 in Hedgehog signaling pathway. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4423-4426. | 2.2 | 6 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Synthesis and cell transfection properties of cationic uracil-morpholino tetramer. <i>Tetrahedron Letters</i> , 2014, 55, 1072-1076. | 1.4 | 10 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Lithium bromide-DBU mediated synthesis of chlorophosphoramidate-activated morpholino nucleoside subunits. <i>Tetrahedron Letters</i> , 2012, 53, 6714-6717. | 1.4 | 12 |
| 16 | Synthesis of 5-alkynylated uracil-morpholino monomers using Sonogashira coupling. <i>Tetrahedron Letters</i> , 2012, 53, 4179-4183. | 1.4 | 15 |
| 17 | Synthesis of new series of iboga analogues. <i>Tetrahedron Letters</i> , 2011, 52, 6166-6169. | 1.4 | 12 |
| 18 | Ceric ammonium nitrate-mediated detritylation of tritylated amines. <i>Tetrahedron Letters</i> , 2011, 52, 34-37. | 1.4 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Magnesium Chloride-Catalyzed Thiolytic of Epoxides: Synthesis of β -hydroxy Sulfides. Synthetic Communications, 2010, 40, 2658-2666. | 2.1 | 10 |