

Hisao Saneyoshi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

611
citations

933447

10
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	A Bioreductive Protecting Group for RNA Synthesis. <i>Current Protocols</i> , 2021, 1, e240.	2.9	0
2	Development of Bioreduction Labile Protecting Groups for the 2'-Hydroxyl Group of RNA. <i>Organic Letters</i> , 2020, 22, 6006-6009.	4.6	3
3	Thiol-responsive pro-fluorophore labeling: Synthesis of a pro-fluorescent labeled oligonucleotide for monitoring cellular uptake. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127222.	2.2	1
4	Design and Synthesis of Protecting Groups for Pro-oligo Type Nucleic Acid-based Drugs. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2020, 78, 886-893.	0.1	0
5	A Novel DNA Helical Wire Containing Hg ^{II} -Mediated T:T and T:G Pairs. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16835-16838.	13.8	36
6	A Novel DNA Helical Wire Containing Hg ^{II} -Mediated T:T and T:G Pairs. <i>Angewandte Chemie</i> , 2019, 131, 16991-16994.	2.0	12
7	Crystal structure of a DNA duplex cross-linked by 6-thioguanine-6-thioguanine disulfides: reversible formation and cleavage catalyzed by Cu ^I ions and glutathione. <i>RSC Advances</i> , 2019, 9, 22859-22862.	3.6	0
8	Design, Synthesis, and Cellular Uptake of Oligonucleotides Bearing Glutathione-Labile Protecting Groups. <i>Organic Letters</i> , 2019, 21, 862-866.	4.6	8
9	Development of Protecting Groups for Prodrug-Type Oligonucleotide Medicines. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 147-154.	1.3	7
10	Conjugatable and Bioreduction Cleavable Linker for the 5'-Functionalization of Oligonucleotides. <i>Journal of Organic Chemistry</i> , 2017, 82, 1796-1802.	3.2	13
11	Alkyne-linked reduction-activated protecting groups for diverse functionalization on the backbone of oligonucleotides. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3350-3356.	3.0	5
12	Crystal structure of a DNA duplex containing four Ag(I) ions in consecutive dinuclear Ag(I)-mediated base pairs: 4-thiothymine-2Ag(I)-4-thiothymine. <i>Chemical Communications</i> , 2017, 53, 11747-11750.	4.1	37
13	A metallo-DNA nanowire with uninterrupted one-dimensional silver array. <i>Nature Chemistry</i> , 2017, 9, 956-960.	13.6	186
14	Synthesis and Characterization of Cell-Permeable Oligonucleotides Bearing Reduction-Activated Protecting Groups on the Internucleotide Linkages. <i>Bioconjugate Chemistry</i> , 2016, 27, 2149-2156.	3.6	17
15	Glutathione-triggered activation of the model of pro-oligonucleotide with benzyl protecting groups at the internucleotide linkage. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 622-625.	2.2	6
16	High-Resolution Crystal Structure of a Silver(I)-RNA Hybrid Duplex Containing Watson-Crick-like C ₁₂ Silver(I)-C Metallo-Base Pairs. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13323-13326.	13.8	88
17	Protection and Modification of Synthetic Oligonucleotides for the Development of Pro-drug Type Oligonucleotides. <i>Drug Delivery System</i> , 2015, 30, 465-472.	0.0	0
18	Development of a photolabile protecting group for phosphodiester in oligonucleotides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2129-2132.	2.2	10

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19	Bioreductive deprotection of 4-nitrobenzyl group on thymine base in oligonucleotides for the activation of duplex formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5632-5635.	2.2	17
20	Structures, physicochemical properties, and applications of Tâ€“Hg^{II}â€“T, Câ€“Ag^Iâ€“C, and other metallo-base-pairs. <i>Chemical Communications</i> , 2015, 51, 17343-17360.	4.1	136