Hisao Saneyoshi

List of Publications by Year
in descending order

20	611	933447 10	888059 17
papers	citations	h-index	g-index

21	21	21	492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A metallo-DNA nanowire with uninterrupted one-dimensional silver array. Nature Chemistry, 2017, 9, 956-960.	13.6	186
2	Structures, physicochemical properties, and applications of Tâ€“Hg^{II}â€“T, Câ€“Ag^Iâ€“C, and other metallo-base-pairs. Chemical Communications, 2015, 51, 17343-17360.	4.1	136
3	Highâ€Resolution Crystal Structure of a Silver(I)â€“RNA Hybrid Duplex Containing Watsonâ€“Crickâ€like Cï¿Silver(I)ï¿C Metalloâ€Base Pairs. Angewandte Chemie - International Edition, 2015, 54, 13323-13326.	13.8	88
4	Crystal structure of a DNA duplex containing four Ag(i) ions in consecutive dinuclear Ag(i)-mediated base pairs: 4-thiothymineâ€“2Ag(i)â€“4-thiothymine. Chemical Communications, 2017, 53, 11747-11750.	4.1	37
5	A Novel DNA Helical Wire Containing Hg^{II}â€Mediated T:T and T:G Pairs. Angewandte Chemie - International Edition, 2019, 58, 16835-16838.	13.8	36
6	Bioreductive deprotection of 4-nitrobenzyl group on thymine base in oligonucleotides for the activation of duplex formation. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5632-5635.	2.2	17
7	Synthesis and Characterization of Cell-Permeable Oligonucleotides Bearing Reduction-Activated Protecting Groups on the Internucleotide Linkages. Bioconjugate Chemistry, 2016, 27, 2149-2156.	3.6	17
8	Conjugatable and Bioreduction Cleavable Linker for the 5â€²-Functionalization of Oligonucleotides. Journal of Organic Chemistry, 2017, 82, 1796-1802.	3.2	13
9	A Novel DNA Helical Wire Containing Hg^{II}â€Mediated T:T and T:G Pairs. Angewandte Chemie, 2019, 131, 16991-16994.	2.0	12
10	Development of a photolabile protecting group for phosphodiesters in oligonucleotides. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2129-2132.	2.2	10
11	Design, Synthesis, and Cellular Uptake of Oligonucleotides Bearing Glutathione-Labile Protecting Groups. Organic Letters, 2019, 21, 862-866.	4.6	8
12	Development of Protecting Groups for Prodrug-Type Oligonucleotide Medicines. Chemical and Pharmaceutical Bulletin, 2018, 66, 147-154.	1.3	7
13	Glutathione-triggered activation of the model of pro-oligonucleotide with benzyl protecting groups at the internucleotide linkage. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 622-625.	2.2	6
14	Alkyne-linked reduction-activated protecting groups for diverse functionalization on the backbone of oligonucleotides. Bioorganic and Medicinal Chemistry, 2017, 25, 3350-3356.	3.0	5
15	Development of Bioreduction Labile Protecting Groups for the 2â€²-Hydroxyl Group of RNA. Organic Letters, 2020, 22, 6006-6009.	4.6	3
16	Thiol-responsive pro-fluorophore labeling: Synthesis of a pro-fluorescent labeled oligonucleotide for monitoring cellular uptake. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127222.	2.2	1
17	Protection and Modification of Synthetic Oligonucleotides for the Development of Pro-drug Type Oligonucleotides. Drug Delivery System, 2015, 30, 465-472.	0.0	0
18	Crystal structure of a DNA duplex cross-linked by 6-thioguanineâ€“6-thioguanine disulfides: reversible formation and cleavage catalyzed by Cu(<scp>ii</scp>) ions and glutathione. RSC Advances, 2019, 9, 22859-22862.	3.6	0

#	Article	IF	Citations
19	A Bioreductive Protecting Group for RNA Synthesis. Current Protocols, 2021, 1, e240.	2.9	0
20	Design and Synthesis of Protecting Groups for Pro-oligo Type Nucleic Acid-based Drugs. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 886-893.	0.1	0