

# Yuki Naito

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,845  
citations

567281

15  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

3756  
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPRdirect: software for designing CRISPR/Cas guide RNA with reduced off-target sites. <i>Bioinformatics</i> , 2015, 31, 1120-1123.	4.1	935
2	Guidelines for the selection of highly effective siRNA sequences for mammalian and chick RNA interference. <i>Nucleic Acids Research</i> , 2004, 32, 936-948.	14.5	647
3	siDirect: highly effective, target-specific siRNA design software for mammalian RNA interference. <i>Nucleic Acids Research</i> , 2004, 32, W124-W129.	14.5	230
4	siDirect 2.0: updated software for designing functional siRNA with reduced seed-dependent off-target effect. <i>BMC Bioinformatics</i> , 2009, 10, 392.	2.6	184
5	Functional dissection of siRNA sequence by systematic DNA substitution: modified siRNA with a DNA seed arm is a powerful tool for mammalian gene silencing with significantly reduced off-target effect. <i>Nucleic Acids Research</i> , 2008, 36, 2136-2151.	14.5	167
6	dsCheck: highly sensitive off-target search software for double-stranded RNA-mediated RNA interference. <i>Nucleic Acids Research</i> , 2005, 33, W589-W591.	14.5	160
7	Thermodynamic stability and Watson-Crick base pairing in the seed duplex are major determinants of the efficiency of the siRNA-based off-target effect. <i>Nucleic Acids Research</i> , 2008, 36, 7100-7109.	14.5	138
8	siRNA Design Software for a Target Gene-Specific RNA Interference. <i>Frontiers in Genetics</i> , 2012, 3, 102.	2.3	77
9	Optimal design and validation of antiviral siRNA for targeting HIV-1. <i>Retrovirology</i> , 2007, 4, 80.	2.0	52
10	siVirus: web-based antiviral siRNA design software for highly divergent viral sequences. <i>Nucleic Acids Research</i> , 2006, 34, W448-W450.	14.5	48
11	Designing Functional siRNA with Reduced Off-Target Effects. <i>Methods in Molecular Biology</i> , 2013, 942, 57-68.	0.9	39
12	E-Cadherin Is Transcriptionally Activated via Suppression of ZEB1 Transcriptional Repressor by Small RNA-Mediated Gene Silencing. <i>PLoS ONE</i> , 2011, 6, e28688.	2.5	34
13	Estimated number of off-target candidate sites for antisense oligonucleotides in human mRNA sequences. <i>Genes To Cells</i> , 2018, 23, 448-455.	1.2	27
14	Technical considerations in Hi-C scaffolding and evaluation of chromosome-scale genome assemblies. <i>Molecular Ecology</i> , 2021, 30, 5923-5934.	3.9	23
15	Guidelines for the Selection of Effective Short-Interfering RNA Sequences for Functional Genomics. , 2007, 361, 201-216.		22
16	Intercontinental Dispersal of HIV-1 Subtype B Associated with Transmission among Men Who Have Sex with Men in Japan. <i>Journal of Virology</i> , 2014, 88, 9864-9876.	3.4	18
17	Essential Notes Regarding the Design of Functional siRNAs for Efficient Mammalian RNAi. <i>Journal of Biomedicine and Biotechnology</i> , 2006, 2006, 1-8.	3.0	13
18	Identification of nucleobase chemical modifications that reduce the hepatotoxicity of gapmer antisense oligonucleotides. <i>Nucleic Acids Research</i> , 2022, 50, 7224-7234.	14.5	12

#	ARTICLE	IF	CITATIONS
19	GGRNA: an ultrafast, transcript-oriented search engine for genes and transcripts. <i>Nucleic Acids Research</i> , 2012, 40, W592-W596.	14.5	9
20	TogoGenome/TogoStanza: modularized Semantic Web genome database. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	6
21	RNA Interference Induced by Transient or Stable Expression of Hairpin Structures of Double-Stranded RNA in <i>Drosophila</i> and Mammalian Cells. <i>Molecular Biology</i> , 2004, 38, 228-238.	1.3	1
22	Introduction of silencingâ€inducing transgene against <i>Fgf19</i> does not affect expression of <i>Tbx5</i> and $\beta$ -tubulin in the developing chicken retina. <i>Development Growth and Differentiation</i> , 2008, 50, 159-168.	1.5	1
23	Reduced base-base interactions between the DNA seed and RNA target are the major determinants of a significant reduction in the off-target effect due to DNA-seed-containing siRNA. , 2009, , .		1
24	Functional shRNA expression system with reduced off-target effects. , 2009, , .		1
25	DNA-modified siRNA-dependent gene silencing with reduced off-target effect is induced through a pathway parallel to that for siRNA-mediated RNA interference. , 2008, , .		0