

Kazuhiko Nakatani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3212000/publications.pdf>

Version: 2024-02-01

241
papers

6,545
citations

76326

40
h-index

98798

67
g-index

261
all docs

261
docs citations

261
times ranked

3820
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoinduced DNA Cleavage via Electron Transfer: Demonstration That Guanine Residues Located 5' to Guanine Are the Most Electron-Donating Sites. <i>Journal of the American Chemical Society</i> , 1995, 117, 6406-6407.	13.7	453
2	Mapping of the Hot Spots for DNA Damage by One-Electron Oxidation: Efficacy of GG Doublets and GGG Triplets as a Trap in Long-Range Hole Migration. <i>Journal of the American Chemical Society</i> , 1998, 120, 12686-12687.	13.7	352
3	Scanning of guanine-guanine mismatches in DNA by synthetic ligands using surface plasmon resonance. <i>Nature Biotechnology</i> , 2001, 19, 51-55.	17.5	223
4	Small-molecule ligand induces nucleotide flipping in (CAG) _n trinucleotide repeats. <i>Nature Chemical Biology</i> , 2005, 1, 39-43.	8.0	156
5	Recognition of a Single Guanine Bulge by 2-Acylamino-1,8-naphthyridine. <i>Journal of the American Chemical Society</i> , 2000, 122, 2172-2177.	13.7	147
6	Recognition of Guanine-Guanine Mismatches by the Dimeric Form of 2-Amino-1,8-naphthyridine. <i>Journal of the American Chemical Society</i> , 2001, 123, 12650-12657.	13.7	120
7	Photoswitchable Molecular Glue for DNA. <i>Journal of the American Chemical Society</i> , 2007, 129, 11898-11899.	13.7	113
8	A slipped-CAG DNA-binding small molecule induces trinucleotide-repeat contractions in vivo. <i>Nature Genetics</i> , 2020, 52, 146-159.	21.4	110
9	Chemistry of Sequence-Dependent Remote Guanine Oxidation: Photoreaction of Duplex DNA Containing Cyanobenzophenone-Substituted Uridine. <i>Journal of the American Chemical Society</i> , 1999, 121, 10854-10855.	13.7	108
10	The SPR Sensor Detecting Cytosine-Cytosine Mismatches. <i>Journal of the American Chemical Society</i> , 2004, 126, 557-562.	13.7	108
11	Modulation of DNA-Mediated Hole-Transport Efficiency by Changing Superexchange Electronic Interaction. <i>Journal of the American Chemical Society</i> , 2000, 122, 5893-5894.	13.7	100
12	Chemistry Challenges in SNP Typing. <i>ChemBioChem</i> , 2004, 5, 1623-1633.	2.6	95
13	Improved selectivity for the binding of naphthyridine dimer to guanine-guanine mismatch. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 2381-2385.	3.0	87
14	Binding of Naphthyridine Carbamate Dimer to the (CGG) _n Repeat Results in the Disruption of the G-C Base Pairing. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7280-7283.	13.8	82
15	Detection of guanine-adenine mismatches by surface plasmon resonance sensor carrying naphthyridine-azaquinolone hybrid on the surface. <i>Nucleic Acids Research</i> , 2004, 32, 278-286.	14.5	79
16	Mapping of Highest Occupied Molecular Orbitals of Duplex DNA by Cobalt-Mediated Guanine Oxidation. <i>Journal of the American Chemical Society</i> , 2000, 122, 3001-3006.	13.7	71
17	Mismatch-Binding Ligands Function as a Molecular Glue for DNA. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5623-5626.	13.8	71
18	Highly efficient photochemical generation of o-Quinone methide from Mannich bases of phenol derivatives. <i>Tetrahedron Letters</i> , 1997, 38, 5005-5008.	1.4	70

#	ARTICLE	IF	CITATIONS
19	A Light-Driven Supramolecular Optical Switch. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7362-7365.	13.8	66
20	Induction of a Remarkable Conformational Change in a Human Telomeric Sequence by the Binding of Naphthyridine Dimer: Inhibition of the Elongation of a Telomeric Repeat by Telomerase. <i>Journal of the American Chemical Society</i> , 2003, 125, 662-666.	13.7	65
21	.alpha.-Diazo Ketones as Photochemical DNA Cleavers: A Mimic for the Radical Generating System of Neocarzinostatin Chromophore. <i>Journal of the American Chemical Society</i> , 1995, 117, 10635-10644.	13.7	63
22	Fluorescent Indicator Displacement Assay for Ligand-RNA Interactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 3660-3661.	13.7	63
23	Photoinduced DNA cleavage by designed molecules with conjugated ene-yne-ketene functionalities. <i>Tetrahedron Letters</i> , 1994, 35, 605-608.	1.4	55
24	Design of a Hole-Trapping Nucleobase: Termination of DNA-Mediated Hole Transport at N ² -Cyclopropyldeoxyguanosine. <i>Journal of the American Chemical Society</i> , 2001, 123, 9681-9682.	13.7	53
25	Photochemistry of Benzophenone Immobilized in a Major Groove of DNA: Formation of Thermally Reversible Interstrand Cross-link. <i>Journal of the American Chemical Society</i> , 2002, 124, 2118-2119.	13.7	53
26	Chemically Induced Hairpin Formation in DNA Monolayers. <i>Journal of the American Chemical Society</i> , 2002, 124, 6810-6811.	13.7	52
27	Control of DNA hybridization by photoswitchable molecular glue. <i>Chemical Society Reviews</i> , 2011, 40, 5718.	38.1	52
28	Photoregulation of a Peptide-RNA Interaction on a Gold Surface. <i>Journal of the American Chemical Society</i> , 2007, 129, 8678-8679.	13.7	51
29	Synthetic studies on duocarmycin. 1. Total synthesis of dl-duocarmycin A and its 2-epimer. <i>Tetrahedron</i> , 1994, 50, 2793-2808.	1.9	50
30	Ligand Binding to Tandem G Quadruplexes from Human Telomeric DNA. <i>ChemBioChem</i> , 2008, 9, 2583-2587.	2.6	50
31	DNA alkylation properties of the duocarmycins: (+)-duocarmycin A, epi-(+)-duocarmycin A, ent-($\hat{\alpha}$)-duocarmycin A and epi,ent-($\hat{\alpha}$)-duocarmycin A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 759-765.	2.2	49
32	N,N ϵ -Bis(3-aminopropyl)-2,7-diamino-1,8-naphthyridine stabilized a single pyrimidine bulge in duplex DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 4507-4512.	3.0	49
33	Synthesis and cytotoxicity of the acyclic (E)- and (Z)-dienediyne systems related to neocarzinostatine chromophore. <i>Tetrahedron Letters</i> , 1990, 31, 2323-2326.	1.4	48
34	Recognition of Mismatched Base Pairs in DNA. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 1055-1069.	3.2	46
35	A new ligand binding to G \hat{C} G mismatch having improved thermal and alkaline stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 259-262.	2.2	45
36	Oxidative fragmentation of \hat{I}^3 -hydroxyalkyl stannanes stereospecific formation of (e) and (z)-keto olefins. <i>Tetrahedron Letters</i> , 1984, 25, 5335-5338.	1.4	44

#	ARTICLE	IF	CITATIONS
37	Design of DNA-Cleaving Agents. Bulletin of the Chemical Society of Japan, 1996, 69, 3007-3019.	3.2	44
38	Synthesis and optical resolution of dl-cis-2-fluorocyclopropylamine, the key component of the new generation of quinolonecarboxylic acid, DU-6859. Tetrahedron Letters, 1992, 33, 3483-3486.	1.4	42
39	Asymmetric synthesis of (1R,2S)-2-fluorocyclopropylamine, the key intermediate of the new generation of quinolonecarboxylic acid, DU-6859. Tetrahedron Letters, 1992, 33, 3487-3490.	1.4	42
40	Synthetic studies on the key component of the new generation of quinolonecarboxylic acid, DU-6859. 2.. Tetrahedron, 1994, 50, 3905-3914.	1.9	42
41	Tandem Cyclizations Involving Carbene as an Intermediate: Photochemical Reactions of Substituted 1,2-Diketones Conjugated with Ene-Yne. Journal of the American Chemical Society, 1999, 121, 8221-8228.	13.7	42
42	Hole Trapping at N6-Cyclopropyldeoxyadenosine Suggests a Direct Contribution of Adenine Bases to Hole Transport through DNA. Journal of the American Chemical Society, 2003, 125, 10154-10155.	13.7	41
43	Synthetic studies on the key component of the new generation of quinolonecarboxylic acid, DU-6859. 1. Synthesis of (1R,2S)-2-fluorocyclopropylamine by the use of optical resolution. Tetrahedron, 1994, 50, 3889-3904.	1.9	40
44	6-Endo- and 5-exo-digonal cyclizations of o-hydroxyphenyl ethynyl ketones: A key step for highly selective benzopyranone formation. Tetrahedron, 1996, 52, 9427-9446.	1.9	39
45	Allele Specific C-Bulge Probes with One Unique Fluorescent Molecule Discriminate the Single Nucleotide Polymorphism in DNA. Chemistry - A European Journal, 2007, 13, 4452-4457.	3.3	39
46	Small molecule targeting r(UGGAA)n disrupts RNA foci and alleviates disease phenotype in Drosophila model. Nature Communications, 2021, 12, 236.	12.8	39
47	Synthesis of 2-indanones by intramolecular insertion of $\hat{\text{I}}^{\pm}$ -diazoketones. Tetrahedron Letters, 1987, 28, 165-166.	1.4	38
48	Xanthone derivatives as potential inhibitors of miRNA processing by human Dicer: Targeting secondary structures of pre-miRNA by small molecules. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 252-255.	2.2	37
49	Highly Selective DNA Alkylation at the 5' Side G of a 5' GG3' Sequence by an Aglycon Model of Pluramycin Antibiotics through Preferential Intercalation into the GG Step. Journal of the American Chemical Society, 1998, 120, 11219-11225.	13.7	35
50	Novel synthesis of brefeldin a an application of the oxidative fragmentation of $\hat{\text{I}}^{\pm}$ -hydroxyalkyl stannanes. Tetrahedron Letters, 1985, 26, 2209-2212.	1.4	34
51	Synthetic studies on the compounds related to neocarzinostatin chromophore. 1. Synthesis of the acyclic (E)- and (Z)-dienediene systems. Tetrahedron, 1992, 48, 633-650.	1.9	34
52	Suppression of DNA-Mediated Charge Transport by BamHI Binding. Chemistry and Biology, 2002, 9, 361-366.	6.0	34
53	Recognition of Chelerythrine to Human Telomeric DNA and RNA G-quadruplexes. Scientific Reports, 2014, 4, 6767.	3.3	34
54	Highly Efficient Synthesis of 2-Substituted 4H-Chromen-4-ones by means of F-Induced 6-Endo-Digonal Cyclization of o-(Silyloxy)phenyl Ethynyl Ketone Derivatives. Journal of Organic Chemistry, 1994, 59, 4360-4361.	3.2	33

#	ARTICLE	IF	CITATIONS
55	Affinity Labeling of a Single Guanine Bulge. <i>Journal of the American Chemical Society</i> , 2003, 125, 8972-8973.	13.7	32
56	Antisense-Induced Guanine Quadruplexes Inhibit Reverse Transcription by HIV-1 Reverse Transcriptase. <i>Journal of the American Chemical Society</i> , 2010, 132, 11171-11178.	13.7	32
57	A small molecule regulates hairpin structures in d(CGG) trinucleotide repeats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2000-2003.	2.2	31
58	An expeditious synthesis of the open-chain (E)- and (Z)-dienenediyne systems related to neocarzinostatin chromophore. <i>Tetrahedron Letters</i> , 1991, 32, 3405-3406.	1.4	30
59	Synthetic studies on the compounds related to neocarzinostatin chromophore. 3. Novel synthesis of a chiral cyclic dienediyne system. <i>Tetrahedron</i> , 1993, 49, 1901-1912.	1.9	30
60	Guanine of the Third Strand of C \hat{A} :G*G Triplex Serves as an Effective Hole Trap. <i>Journal of the American Chemical Society</i> , 2002, 124, 14580-14585.	13.7	30
61	Formation and destruction of the guanine quartet in solution observed by cold-spray ionization mass spectrometry. Electronic supplementary information available: CSI and ESI mass spectra of dG, dC, dA and dT, and schematic diagram of the coldspray ion source. See http://www.rsc.org/suppdata/cc/b2/b212432g/ . <i>Chemical Communications</i> , 2003, 788-789.	4.1	30
62	Exploiting Small Molecule Binding to DNA for the Detection of Single-Nucleotide Mismatches and Their Base Environment. <i>Analytical Chemistry</i> , 2007, 79, 2552-2555.	6.5	30
63	Site-specific binding of chelerythrine and sanguinarine to single pyrimidine bulges in hairpin DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 709-716.	3.7	29
64	Genotyping by allele-specific I-DNA-tagged PCR. <i>Journal of Biotechnology</i> , 2008, 135, 157-160.	3.8	29
65	First total synthesis of dl-duocarmycin A. <i>Tetrahedron Letters</i> , 1990, 31, 6699-6702.	1.4	28
66	Synthetic studies on the compounds related to neocarzinostatin chromophore. 2. Synthesis of the open-chain (E)- and (Z)-dienenediyne systems and its application to the synthesis of a strain-released cyclic analogue. <i>Tetrahedron</i> , 1992, 48, 3045-3060.	1.9	28
67	Naphthyridine tetramer with a pre-organized structure for 1:1 binding to a CGG/CGG sequence. <i>Nucleic Acids Research</i> , 2012, 40, 2771-2781.	14.5	28
68	Guanine Specific DNA Cleavage by Photoirradiation of Dibenzoyldiazomethane \hat{O} Oligonucleotide Conjugates. <i>Journal of the American Chemical Society</i> , 1997, 119, 7626-7635.	13.7	27
69	p-Cyano substituted 5-benzoyldeoxyuridine as a novel electron-accepting nucleobase for one-electron oxidation of DNA. <i>Tetrahedron Letters</i> , 1998, 39, 5995-5998.	1.4	27
70	Specific Alkylation of Guanine Opposite to a Single Nucleotide Bulge: A Chemical Probe for the Bulged Structure of DNA. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3378-3381.	13.8	27
71	Programmed assembly of organic radicals on DNA. <i>Chemical Communications</i> , 2010, 46, 1247.	4.1	27
72	Exploratory Study on the RNA \hat{B} inding Structural Motifs by Library Screening Targeting pre \hat{E} miRNA \hat{E} 29 \hat{E} o. <i>Chemistry - A European Journal</i> , 2015, 21, 16859-16867.	3.3	27

#	ARTICLE	IF	CITATIONS
73	A Dimeric 2,9-Diamino-1,10-phenanthroline Derivative Improves Alternative Splicing in Myotonic Dystrophy Type-1 Cell and Mouse Models. <i>Chemistry - A European Journal</i> , 2018, 24, 18115-18122.	3.3	27
74	Novel synthesis of bifurans via furan-forming photocyclization of β -diketones conjugated with ene-yne. <i>Tetrahedron Letters</i> , 1997, 38, 1207-1210.	1.4	26
75	Polyamines stabilize left-handed Z-DNA: Using X-ray crystallographic analysis, we have found a new type of polyamine (PA) that stabilizes left-handed Z-DNA. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 275-280.	2.1	26
76	RNA Aptamers That Reversibly Bind Photoresponsive Azobenzene-Containing Peptides. <i>Chemistry - A European Journal</i> , 2009, 15, 424-432.	3.3	26
77	Photoswitchable Unsymmetrical Ligand for DNA Hetero-Mismatches. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4051-4058.	2.4	26
78	Secondary-Structure-Inducible Ligand Fluorescence Coupled with PCR. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7822-7824.	13.8	26
79	A reverse transcriptase stop assay revealed diverse quadruplex formations in UTRs in mRNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2350-2353.	2.2	26
80	Facile electrochemical biosensor based on a new bifunctional probe for label-free detection of CCG trinucleotide repeat. <i>Biosensors and Bioelectronics</i> , 2013, 49, 282-289.	10.1	26
81	Structure-Activity Studies on the Fluorescent Indicator in a Displacement Assay for the Screening of Small Molecules Binding to RNA. <i>Chemistry - A European Journal</i> , 2012, 18, 9999-10008.	3.3	25
82	A Small Molecule Affecting the Replication of Trinucleotide Repeat d(GAA) _n . <i>Chemistry - A European Journal</i> , 2009, 15, 10641-10648.	3.3	24
83	The effect of linker length on binding affinity of a photoswitchable molecular glue for DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2536-2543.	3.0	24
84	Small synthetic molecule-stabilized RNA pseudoknot as an activator for -1 ribosomal frameshifting. <i>Nucleic Acids Research</i> , 2018, 46, 8079-8089.	14.5	24
85	Novel Synthesis of Three Types of C-Terminal Components of Renin Inhibitors from Unnatural (2S,3S)-Tartaric Acid.. <i>Chemical and Pharmaceutical Bulletin</i> , 1991, 39, 2550-2555.	1.3	23
86	p-Cyano substituted benzophenone as an excellent photophore for one-electron oxidation of DNA. <i>Tetrahedron Letters</i> , 1998, 39, 2779-2782.	1.4	23
87	Synthesis of DNA Oligomers Containing Modified Uracil Possessing Electron-Accepting Benzophenone Chromophore. <i>Journal of Organic Chemistry</i> , 1999, 64, 6901-6904.	3.2	23
88	Selective Intercalation of Charge Neutral Intercalators into GG and CG Steps: Implication of HOMO-LUMO Interaction for Sequence-Selective Drug Intercalation into DNA. <i>Journal of the American Chemical Society</i> , 2001, 123, 5695-5702.	13.7	23
89	Ligand-Assisted Complex Formation of Two DNA Hairpin Loops. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4390-4393.	13.8	23
90	Structural insights into synthetic ligands targeting A-A pairs in disease-related CAG RNA repeats. <i>Nucleic Acids Research</i> , 2019, 47, 10906-10913.	14.5	23

#	ARTICLE	IF	CITATIONS
91	Tandem Arrays of TEMPO and Nitronyl Nitroxide Radicals with Designed Arrangements on DNA. <i>Chemistry - A European Journal</i> , 2012, 18, 178-183.	3.3	22
92	Synthesis of 1H-pyrrolo[3,2-h]quinoline-8-amine derivatives that target CTG trinucleotide repeats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3761-3764.	2.2	22
93	Synthetic studies on duocarmycin. 2. Synthesis and cytotoxicity of natural (+)-duocarmycin A and its three possible stereoisomers.. <i>Tetrahedron</i> , 1994, 50, 2809-2820.	1.9	21
94	Small Molecule Modulates Hairpin Structures in CAG Trinucleotide Repeats. <i>ChemBioChem</i> , 2011, 12, 1686-1689.	2.6	21
95	A Novel DANP-Coupled Hairpin RT-PCR for Rapid Detection of Chikungunya Virus. <i>Journal of Molecular Diagnostics</i> , 2013, 15, 227-233.	2.8	21
96	Fluorescent indicator displacement assay of ligands targeting 10 microRNA precursors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7101-7106.	3.0	21
97	Rational design of a photoswitchable DNA glue enabling high regulatory function and supramolecular chirality transfer. <i>Chemical Science</i> , 2021, 12, 9207-9220.	7.4	21
98	Bidirectional Control of Gold Nanoparticle Assembly by Turning On and Off DNA Hybridization with Thermally Degradable Molecular Glue. <i>ChemBioChem</i> , 2007, 8, 483-485.	2.6	20
99	Ligand inducible assembly of a DNA tetrahedron. <i>Chemical Communications</i> , 2011, 47, 3499.	4.1	20
100	A Synthetic Riboswitch that Operates using a Rationally Designed Ligandâ€“RNA Pair. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9976-9979.	13.8	20
101	Chiral synthesis of the ABC-ring system of quinocarcin. <i>Tetrahedron Letters</i> , 1989, 30, 7423-7426.	1.4	19
102	Novel synthesis of a chiral cyclic dienediyne system related to the neocarzinostatin chromophore. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 289.	2.0	19
103	N2-Phenyldeoxyguanosine:Â Modulation of the Chemical Properties of Deoxyguanosine toward One-Electron Oxidation in DNA. <i>Journal of the American Chemical Society</i> , 2002, 124, 6802-6803.	13.7	19
104	Selective recognition of Gâ€“G mismatch using the double functional probe with electrochemical activeferrocenyl. <i>Biosensors and Bioelectronics</i> , 2013, 42, 36-40.	10.1	19
105	Amphiphilic DNA tiles for controlled insertion and 2D assembly on fluid lipid membranes: the effect on mechanical properties. <i>Nanoscale</i> , 2017, 9, 3051-3058.	5.6	19
106	FAN1 exo- not endo-nuclease pausing on disease-associated slipped-DNA repeats: A mechanism of repeat instability. <i>Cell Reports</i> , 2021, 37, 110078.	6.4	19
107	Novel synthesis of (âˆ“)â€“Secologanin aglucon-O-silyl ether from (+)-genipin via oxidative fragmentation of Î³-hydroxyalkylstannane. <i>Tetrahedron Letters</i> , 1987, 28, 5865-5868.	1.4	18
108	Synthesis of an ABC Ring Analogue of Kapurimycin A3 as an Effective DNA Alkylating Agent. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2794-2797.	4.4	18

#	ARTICLE	IF	CITATIONS
109	Assessment of the sequence dependency for the binding of 2-aminonaphthyridine to the guanine bulge. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2347-2353.	3.0	18
110	NMR structural analysis of the G.G mismatch DNA complexed with naphthyridine-dimer. <i>Nucleic Acids Symposium Series</i> , 2005, 49, 213-214.	0.3	18
111	Ligand-induced electron spin-assembly on a DNA tile. <i>Chemical Communications</i> , 2013, 49, 6370.	4.1	18
112	A Ligand That Targets CUG Trinucleotide Repeats. <i>Chemistry - A European Journal</i> , 2016, 22, 14881-14889.	3.3	18
113	Absolute configuration of novel marine diterpenoid udoteatrial hydrate synthesis and cytotoxicities of ent-udoteatrial hydrate and its analogues. <i>Tetrahedron</i> , 1993, 49, 10555-10576.	1.9	17
114	Highly sensitive detection of GG mismatched DNA by surfaces immobilized naphthyridine dimer through poly(ethylene oxide) linkers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1105-1108.	2.2	17
115	The rare crystallographic structure of d(CGCGCG) ₂ : The natural spermidine molecule bound to the minor groove of left-handed Z-DNA d(CGCGCG) ₂ at 10Å°C. <i>Biochemical and Biophysical Research Communications</i> , 2007, 358, 24-28.	2.1	17
116	Detection of L-DNA-Tagged PCR Products by Surface Plasmon Resonance Imaging. <i>ChemBioChem</i> , 2007, 8, 169-171.	2.6	17
117	Dimer of 2,7-diamino-1,8-naphthyridine for the detection of mismatches formed by pyrimidine nucleotide bases. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 10338-10344.	3.0	17
118	Discrimination of N6-methyl adenine in a specific DNA sequence. <i>Chemical Communications</i> , 2010, 46, 5530.	4.1	17
119	Naphthyridine- β -Benzoazaquinolone: Evaluation of a Tricyclic System for the Binding to (CAG) _n Repeat DNA and RNA. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1971-1981.	3.3	17
120	BzDANP, a Small-Molecule Modulator of Pre-miR-29a Maturation by Dicer. <i>ACS Chemical Biology</i> , 2016, 11, 2790-2796.	3.4	17
121	Intramolecular Cooperative Reactions of 1,2-Bis(diazoketone)s. The First Syntheses of trans-Hydro-1H-2-inden-1-ones. <i>Journal of Organic Chemistry</i> , 1995, 60, 2466-2473.	3.2	16
122	Specific binding of 2-amino-1,8-naphthyridine into a single guanine bulge as evidenced by photooxidation of GG doublet. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 335-337.	2.2	15
123	Evaluation of mismatch-binding ligands as inhibitors for Rev α -RRE interaction. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5384-5388.	3.0	15
124	Noncovalent Assembly of TEMPO Radicals Pair-wise Embedded on a DNA Duplex. <i>Chemistry Letters</i> , 2010, 39, 556-557.	1.3	15
125	Formation of a Ligand-Assisted Complex of Two RNA Hairpin Loops. <i>Chemistry - A European Journal</i> , 2014, 20, 5282-5287.	3.3	15
126	Restoration of Ribozyme Tertiary Contact and Function by Using a Molecular Glue for RNA. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 506-510.	13.8	15

#	ARTICLE	IF	CITATIONS
127	Synthesis and cytotoxicity of enantiomeric pairs of duocarmycin a and its 2-epimer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 755-758.	2.2	14
128	Synthesis of the antipode of udoteatrial hydrate using (+)-genipin as a chiral building block: Determination of the absolute configuration of udoteatrial hydrate. <i>Tetrahedron Letters</i> , 1993, 34, 2621-2624.	1.4	14
129	Charge Transport in Duplex DNA Containing Modified Nucleotide Bases. <i>Topics in Current Chemistry</i> , 2004, , 163-186.	4.0	14
130	Fluorescence Probe for Detecting CCG Trinucleotide Repeat DNA Expansion and Slip-Out. <i>ChemBioChem</i> , 2016, 17, 1685-1688.	2.6	14
131	Site Selective Formation of Thymine Glycol-Containing Oligodeoxynucleotides by Oxidation with Osmium Tetroxide and Bipyridine-Tethered Oligonucleotide. <i>Journal of the American Chemical Society</i> , 2000, 122, 6309-6310.	13.7	13
132	Synthesis and Reaction of DNA Oligomers Containing Modified Cytosines Related to Bisulfite Sequencing. <i>Organic Letters</i> , 2009, 11, 1377-1379.	4.6	13
133	Competitive Allele-Specific Hairpin Primer PCR for Extremely High Allele Discrimination in Typing of Single Nucleotide Polymorphisms. <i>ChemBioChem</i> , 2012, 13, 1409-1412.	2.6	13
134	Photogeneration of Highly Electrophilic Benzoylketene from Dibenzoyldiazomethane in Aqueous Solvents: Reaction with Amino Acids and DNA Cleavage. <i>Tetrahedron Letters</i> , 1995, 36, 5363-5366.	1.4	12
135	The binding of guanine-guanine mismatched DNA to naphthyridine dimer immobilized sensor surfaces: kinetic aspects. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3117-3123.	3.0	12
136	2-Ureidoquinoline: a useful molecular element for stabilizing single cytosine and thymine bulges. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3431-3433.	2.2	12
137	Cyclic mismatch binding ligand CMBL4 binds to the 5'-T-3'-GG-5' site by inducing the flipping out of thymine base. <i>Nucleic Acids Research</i> , 2016, 44, gkw672.	14.5	12
138	Emission of characteristic fluorescence from the ligand-cytosine complex in U _A /ACU bulged RNA duplex. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4813-4817.	3.0	11
139	Amphiphilic DNA Duplex Stabilized by a Hydrophobic Zipper. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5317-5323.	2.4	11
140	Ligand-inducible formation of RNA pseudoknot. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3539-3541.	2.2	11
141	Bicyclic and tricyclic C-mismatch-binding ligands bind to CCG trinucleotide repeat DNAs. <i>Chemical Communications</i> , 2018, 54, 7074-7077.	4.1	11
142	CAG repeat-binding small molecule improves motor coordination impairment in a mouse model of Dentatorubral-pallidoluysian atrophy. <i>Neurobiology of Disease</i> , 2022, 163, 105604.	4.4	11
143	Synthetic studies on quinocarcin and its related compounds. 5.. <i>Tetrahedron</i> , 1994, 50, 6259-6270.	1.9	10
144	G-quadruplex formation of entirely hydrophobic DNA in organic solvents. <i>Chemical Communications</i> , 2013, 49, 5501.	4.1	10

#	ARTICLE	IF	CITATIONS
145	Synthesis and Photophysical Properties of Fluorescence Molecular Probe for Turn-ON-Type Detection of Cytosine Bulge DNA. <i>Organic Letters</i> , 2016, 18, 3170-3173.	4.6	10
146	Synthesis of Naphthyridine Carbamate Dimer (NCD) Derivatives Modified with Alkanethiol and Binding Properties of Gâ€“G Mismatch DNA. <i>Organic Letters</i> , 2017, 19, 4163-4166.	4.6	10
147	Modulating RNA secondary and tertiary structures by mismatch binding ligands. <i>Methods</i> , 2019, 167, 78-91.	3.8	10
148	The Dimeric Form of 1,3â€“Diaminoisoquinoline Derivative Rescued the Misâ€“splicing of <i>Atp2a1</i> and <i>Clcn1</i> Genes in Myotonic Dystrophy Typeâ€“1 Mouse Model. <i>Chemistry - A European Journal</i> , 2020, 26, 14305-14309.	3.3	10
149	Syntheses and Theoretical Studies of Exocyclic .gamma.-Oxoalkenyltrimethylsilanes. An Approach to the Stereodefined Exocyclic Tetrasubstituted Alkenes. <i>Journal of Organic Chemistry</i> , 1994, 59, 5961-5969.	3.2	9
150	Synthesis and cytotoxicity of natural (+)-duocarmycin A and its three possible stereoisomers. <i>Pure and Applied Chemistry</i> , 1994, 66, 2255-2258.	1.9	9
151	Dibenzoyldiazomethane-acridine conjugate: A novel DNA photofootprinting agent. <i>Tetrahedron Letters</i> , 1997, 38, 6047-6050.	1.4	9
152	Site-Selective DNA Alkylation of GG Steps by Naphthaldiimide Derivatives Possessing Enantiomeric Epoxide. <i>Organic Letters</i> , 2000, 2, 3249-3251.	4.6	9
153	Molecularâ€“Glueâ€“Triggered DNA Assembly To Form a Robust and Photoresponsive Nanoâ€“Network. <i>Chemistry - A European Journal</i> , 2011, 17, 8189-8194.	3.3	9
154	Detection of hepatitis C virus by single-step hairpin primer RT-PCR. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 394-396.	2.2	9
155	Cytosine-bulge-dependent fluorescence quenching for the real-time hairpin primer PCR. <i>Chemical Communications</i> , 2014, 50, 15195-15198.	4.1	9
156	Design and Synthesis of Cyclic Mismatchâ€“Binding Ligands (CMBLs) with Variable Linkers by Ringâ€“Closing Metathesis and their Photophysical and DNA Repeat Binding Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 11385-11396.	3.3	9
157	Synthetic studies on quinocarin and its related compounds. 2.. <i>Tetrahedron</i> , 1994, 50, 6209-6220.	1.9	8
158	Application of L-DNA as a molecular tag. <i>Nucleic Acids Symposium Series</i> , 2005, 49, 261-262.	0.3	8
159	Ligandâ€“Stabilized Hairpin Structures Interfere with Elongation of Human Telomere. <i>ChemBioChem</i> , 2008, 9, 510-513.	2.6	8
160	DNA Labeling by Ligand Inducible Secondary Structure. <i>ChemBioChem</i> , 2008, 9, 1893-1897.	2.6	8
161	The Chemistry of PCR Primers: Concept and Application. <i>Israel Journal of Chemistry</i> , 2013, 53, 401-416.	2.3	8
162	Modulation of binding properties of amphiphilic DNA containing multiple dodecyl phosphotriester linkages to lipid bilayer membrane. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3578-3581.	2.2	8

#	ARTICLE	IF	CITATIONS
163	Inhibition of pre-miRNA-136 processing by Dicer with small molecule BzDANP suggested the formation of ternary complex of pre-miR-136â€“BzDANPâ€“Dicer. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2140-2148.	3.0	8
164	Cyclic mismatch binding ligands interact with disease-associated CGG trinucleotide repeats in RNA and suppress their translation. <i>Nucleic Acids Research</i> , 2021, 49, 9479-9495.	14.5	8
165	Possibilities and challenges of small molecule organic compounds for the treatment of repeat diseases. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2022, 98, 30-48.	3.8	8
166	Site selective generation of guanine radical cation in duplex DNA: modulation of the direction of hole transport. <i>Tetrahedron Letters</i> , 2000, 41, 10041-10045.	1.4	7
167	Inhibition of DNA replication by a d(CAG) repeat binding ligand. <i>Nucleic Acids Symposium Series</i> , 2006, 50, 147-148.	0.3	7
168	Small-Molecule Binding to the Nonquadruplex Form of the Human Telomeric Sequence. <i>ChemBioChem</i> , 2007, 8, 723-726.	2.6	7
169	Triethynylmethane: a molecular unit inducing excimer-like emission in aggregated states of hydrocarbon fluorophores. <i>Tetrahedron Letters</i> , 2013, 54, 143-146.	1.4	7
170	A dimeric form of N-methoxycarbonyl-2-amino-1,8-naphthyridine bound to the Aâ€“A mismatch in the CAG/CAG base triad in dsRNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 558-561.	2.2	7
171	Synthesis of Naphthyridine Dimers with Conformational Restriction and Binding to DNA and RNA. <i>Chemistry - an Asian Journal</i> , 2017, 12, 3077-3087.	3.3	7
172	RTâ€“Hproâ€“PCR: A MicroRNA Detection System Using a Primer with a DNA Tag. <i>ChemBioChem</i> , 2020, 21, 477-480.	2.6	7
173	A small-molecule fluorescence probe ANP77 for sensing RNA internal loop of C, U and A/CC motifs and their binding molecules. <i>Nucleic Acids Research</i> , 2021, 49, 8462-8470.	14.5	7
174	Synthesis of Asperuloside Aglucon Silyl Ether and Garjamine from (+)-Genipin via Gardenoside Aglucon Bis(silyl ether) as a Common Intermediate. <i>Bulletin of the Chemical Society of Japan</i> , 1993, 66, 2646-2652.	3.2	6
175	Water-soluble 2-amino-1,8-naphthyridine as a novel DNA binding photosensitizer for one-electron oxidation of DNA. <i>Tetrahedron Letters</i> , 1999, 40, 6029-6032.	1.4	6
176	Analysis of mismatched DNA by mismatch binding ligand (MBL)â€“Sepharose affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1165-1173.	3.7	6
177	Assembly of ruthenium complexes on double stranded DNA using mismatch binding ligands. <i>Chemical Communications</i> , 2020, 56, 5227-5230.	4.1	6
178	Small molecule-induced trinucleotide repeat contractions during <i>in vitro</i> DNA synthesis. <i>Chemical Communications</i> , 2021, 57, 3235-3238.	4.1	6
179	Photogeneration of highly electrophilic benzoylketene from dibenzoyldiazomethane in aqueous solvents: Reaction with amino acids and DNA cleavage. <i>Tetrahedron Letters</i> , 1995, 36, 5363-5366.	1.4	6
180	The crystallographic study of left-handed Z-DNA d(CGCGCG) ₂ and thermine complexes crystallized at various temperatures and at various concentration of cations. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 382-387.	2.1	5

#	ARTICLE	IF	CITATIONS
181	2-Aminophenanthroline dimer stabilized the C-C mismatched duplex DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 753-758.	3.0	5
182	Fluorescence turn-on hairpin-probe PCR. <i>Chemical Communications</i> , 2017, 53, 1393-1396.	4.1	5
183	PCR under Low Ionic Concentration Buffer Conditions. <i>ChemistrySelect</i> , 2018, 3, 973-976.	1.5	5
184	Development of Photoswitchable RNA Aptamer-Ligand Complexes. <i>Methods in Molecular Biology</i> , 2014, 1111, 29-40.	0.9	5
185	Novel synthesis of trans-hydroindenones by thermal reaction of β -bis(diazo)diketones. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 556-557.	2.0	4
186	Solvent Effects on the Suppression of Oxidative Decomposition of Guanines by Phenyl Group Attachment in Deoxyribonucleic Acid (DNA). <i>Journal of Physical Chemistry B</i> , 2004, 108, 7500-7505.	2.6	4
187	Reversible regulation of binding between a photoresponsive peptide and its RNA aptamer. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 93-94.	0.3	4
188	Synthesis of Dimeric 2-Amino-1,8-Naphthyridine and Related DNA-Binding Molecules. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2008, 32, Unit 8.6.	0.5	4
189	High speed DNA denaturation using microheating devices. <i>Applied Physics Letters</i> , 2013, 103, 023112.	3.3	4
190	A hybridisation-dependent membrane-insertable amphiphilic DNA. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10117-10121.	2.8	4
191	Synthetic ligand promotes gene expression by affecting GC sequence in promoter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3391-3394.	2.2	4
192	CGG repeat DNA assisted dimerization of CGG/CGG binding molecule through intermolecular disulfide formation. <i>Chemical Communications</i> , 2018, 54, 13072-13075.	4.1	4
193	Molecular Glue for RNA: Regulating RNA Structure and Function through Synthetic RNA Binding Molecules. <i>ChemBioChem</i> , 2019, 20, 2903-2910.	2.6	4
194	Small Molecule-Induced Dimerization of Hairpin RNA Interfered with the Dicer Cleavage Reaction. <i>Biochemistry</i> , 2021, 60, 245-249.	2.5	4
195	HT-SELEX-based identification of binding pre-miRNA hairpin-motif for small molecules. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 165-174.	5.1	4
196	Synthesis of Asperuloside Aglucon Silyl Ether and Garjamine from (+)-Genipin via Gardenoside Aglucon Disilyl Ether as a Common Intermediate. <i>Chemistry Letters</i> , 1992, 21, 1851-1854.	1.3	3
197	Cytotoxicity of ent-udoteatrial diacetate and its analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1993, 3, 1085-1088.	2.2	3
198	Novel stereocontrolled syntheses of exocyclic β -oxovinyltrimethylsilanes. A potential route for stereodefined exocyclic tetrasubstituted alkenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1365-1367.	2.0	3

#	ARTICLE	IF	CITATIONS
199	A Ligand That Targets CUG Trinucleotide Repeats. <i>Chemistry - A European Journal</i> , 2016, 22, 14761-14761.	3.3	3
200	Restoration of Ribozyme Tertiary Contact and Function by Using a Molecular Glue for RNA. <i>Angewandte Chemie</i> , 2018, 130, 515-519.	2.0	3
201	1,3-Di(quinolin-2-yl)guanidine binds to GGCCC hexanucleotide repeat DNA in C9ORF72. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2364-2368.	2.2	3
202	A novel naphthyridine tetramer that recognizes tandem Gâ€“G mismatches by the formation of an interhelical complex. <i>Chemical Communications</i> , 2020, 56, 754-757.	4.1	3
203	Recognition of expanded GGGGCC hexanucleotide repeat by synthetic ligand through interhelical binding. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 56-61.	2.1	3
204	<i>Ab initio</i> multi-level layered elongation method and its application to local interaction analysis between DNA bulge and ligand molecules. <i>Journal of Chemical Physics</i> , 2021, 155, 044110.	3.0	3
205	Development of 2, 7-Diamino-1, 8-Naphthyridine (DANP) Anchored Hairpin Primers for RT-PCR Detection of Chikungunya Virus Infection. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004887.	3.0	3
206	Synthetic Studies on the Anticancer Natural Products having ene-yne Structures.. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 1992, 50, 940-952.	0.1	3
207	2-Amino-1,8-naphthyridine Dimer (ANP77), a High-Affinity Binder to the Internal Loops of C/CC and T/CC Sites in Double-Stranded DNA. <i>Journal of Organic Chemistry</i> , 2022, 87, 340-350.	3.2	3
208	Mechanistic Studies on Photoinduced Cross-Linking and Specific Cleavage at Guanine by Dibenzoyldiazomethane-Oligodeoxynucleotide Conjugate. <i>Bioorganic Chemistry</i> , 1999, 27, 227-237.	4.1	2
209	Reversible control of DNA hybridization by photoresponsive ligands. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 173-174.	0.3	2
210	DNA cross-link generated by a novel modified DNA containing a formyl group. <i>Nucleic Acids Symposium Series</i> , 2009, 53, 171-172.	0.3	2
211	Transformation of cytosine to uracil in single-stranded DNA via their oxime sulfonates. <i>Chemical Communications</i> , 2010, 46, 3378.	4.1	2
212	Assembly of a Small DNA Rectangular Parallelepiped Block into Higher Order Nanostructures. <i>Chemistry Letters</i> , 2012, 41, 1550-1552.	1.3	2
213	Synthesis of 8-Substituted Adenine and Adenosine Libraries and the Binding to pre-miR-29a. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 1013-1015.	3.2	2
214	A 2,7-diamino-1,4,8-triazanaphthalene derivative selectively binds to cytosine bulge DNA only at a weakly acidic pH. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1313-1316.	2.8	2
215	Electrical Nucleotide Sensor Based on Synthetic Guanineâ€“Receptorâ€“Modified Electrodes. <i>ChemistrySelect</i> , 2018, 3, 3819-3824.	1.5	2
216	Expanding chemical space of DNA-binding molecules with three base-binding units. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2894-2898.	2.2	2

#	ARTICLE	IF	CITATIONS
217	New Aspects of .ALPHA.-Diazocarbonyl Compounds From Construction of the Novel Carbon Framework to the Photoinduced DNA Cleavage.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1995, 53, 1068-1076.	0.1	2
218	Molecular Design Targeting Repeat Sequences in Human Genome. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2008, 66, 1126-1133.	0.1	2
219	The Chemistry of Polymerase Chain Reaction^ ^mdash;Development of the PCR Method Using New Modified Primers^ ^mdash;. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2014, 72, 370-381.	0.1	2
220	Mismatch binding ligand upregulated back-splicing reaction producing circular RNA in a cellular model. Chemical Communications, 2022, 58, 3629-3632.	4.1	2
221	Premature translation termination mediated non-ER stress induced ATF6 activation by a ligand-dependent ribosomal frameshifting circuit. Nucleic Acids Research, 2022, 50, 5369-5383.	14.5	2
222	Crystal Structure of (2S)-2-Hydroxy-2-((4R)-2,2-dimethyl-1,3-dioxolan-4-yl)-3-butyn-1-yl-2,2-dimethylpropanoate.. Analytical Sciences, 1993, 9, 885-886.	1.6	1
223	Recognition of DNA mismatch structures. Nucleic Acids Symposium Series, 2002, 2, 127-128.	0.3	1
224	Binding analysis between naphthyridine dimers and GG mismatch DNA. Nucleic Acids Symposium Series, 2002, 2, 185-186.	0.3	1
225	Detection of the C-C mismatched base pair by small ligands. Nucleic Acids Symposium Series, 2003, 3, 131-132.	0.3	1
226	The binding of naphthyridine tetramer to guanine-rich sequences. Nucleic Acids Symposium Series, 2003, 3, 133-134.	0.3	1
227	Solution structure of a small-molecular ligand complexed with CAG trinucleotide repeat DNA. Nucleic Acids Symposium Series, 2005, 49, 49-50.	0.3	1
228	Control of DNA hybridization by photoswitchable mismatch binding ligands. Nucleic Acids Symposium Series, 2006, 50, 87-88.	0.3	1
229	Measurement of circular dichroism and structural chemical research of d(CG) ₆ and d(TA) ₆ . Nucleic Acids Symposium Series, 2006, 50, 227-228.	0.3	1
230	Activation of prokaryotic translation by antisense oligonucleotides binding to coding region of mRNA. Biochemical and Biophysical Research Communications, 2012, 429, 105-110.	2.1	1
231	Speeding drug discovery targeting RNAs: An iterative $\hat{\alpha}$ RNA selection-compounds screening cycle $\hat{\alpha}$ for exploring RNA-small molecule pairs. Bioorganic and Medicinal Chemistry, 2021, 36, 116070.	3.0	1
232	Sequence Selectivity for the Guanine Alkylation by DNA-Alkylating Intercalators.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2001, 59, 670-679.	0.1	1
233	2,6-Diaminonaphthyridine derivatives bind to a single nucleotide bulge in DNA. Nucleic Acids Symposium Series, 2003, 3, 139-140.	0.3	0
234	Molecular labeling of the CGG trinucleotide repeat. Nucleic Acids Symposium Series, 2005, 49, 39-40.	0.3	0

#	ARTICLE	IF	CITATIONS
235	THz Time-Domain Spectroscopy of Thin-Film DNA Oligomer Having Mismatch. , 2006, , .		0
236	Reaction of cytosine with bisulfite and hydroxylamine. Nucleic Acids Symposium Series, 2009, 53, 215-216.	0.3	0
237	Interstrand Crosslink for Discrimination of Methylated Cytosines. Chemistry Letters, 2011, 40, 852-854.	1.3	0
238	Toward the Discovery of Small Molecules Affecting RNA Function. , 2012, , 59-67.		0
239	Hydrolytically Stable Monolayers Derived from Epoxy Silane. Chemistry Letters, 2020, 49, 129-132.	1.3	0
240	Chemical Probing of Thymine in the TGG/CGG Triad to Explore the Deamination of 5-Methylcytosine in the CGG Repeat. Biochemistry, 2020, 59, 2679-2683.	2.5	0
241	Short Tandem Repeat Contractions during In Vitro DNA Synthesis by Repeat-binding Molecules. Chemistry Letters, 2021, 50, 1848-1851.	1.3	0