

# Takashi Morii

## List of Publications by Year in descending order

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159  
papers

4,111  
citations

159358

30  
h-index

155451

55  
g-index

165  
all docs

165  
docs citations

165  
times ranked

4401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topologically Interlocked Minicircles as Probes of DNA Topology and DNA-Protein Interactions. Chemistry - A European Journal, 2022, , .	1.7	4
2	Topologically Interlocked Minicircles as Probes of DNA Topology and DNA-Protein Interactions. Chemistry - A European Journal, 2022, , e202200839.	1.7	2
3	A two-step screening to optimize the signal response of an auto-fluorescent protein-based biosensor. RSC Advances, 2022, 12, 15407-15419.	1.7	1
4	A facile combinatorial approach to construct a ratiometric fluorescent sensor: application for the real-time sensing of cellular pH changes. Chemical Science, 2021, 12, 8231-8240.	3.7	10
5	Evaluation of the role of the DNA surface for enhancing the activity of scaffolded enzymes. Chemical Communications, 2021, 57, 3925-3928.	2.2	12
6	Inositol 1,4,5-trisphosphate 3-kinase B promotes Ca <sup>2+</sup> mobilization and the inflammatory activity of dendritic cells. Science Signaling, 2021, 14, .	1.6	15
7	Dynamic Shape Transformation of a DNA Scaffold Applied for an Enzyme Nanocarrier. Frontiers in Chemistry, 2021, 9, 697857.	1.8	5
8	Stabilization and structural changes of 2D DNA origami by enzymatic ligation. Nucleic Acids Research, 2021, 49, 7884-7900.	6.5	20
9	Conditional dependence of enzyme cascade reaction efficiency on the inter-enzyme distance. Chemical Communications, 2021, 57, 11197-11200.	2.2	8
10	Tuning the Reactivity of a Substrate for SNAP-Tag Expands Its Application for Recognition-Driven DNA-Protein Conjugation. Chemistry - A European Journal, 2021, 27, 18118-18128.	1.7	6
11	Augmentation of an Engineered Bacterial Strain Potentially Improves the Cleanup of PCB Water Pollution. Microbiology Spectrum, 2021, 9, e0192621.	1.2	2
12	Influence of polymer molecular weight on the properties of in situ synthesized silver-methylcellulose nanocomposite films with a CO <sub>2</sub> laser. Journal of Materials Science, 2020, 55, 2090-2100.	1.7	3
13	Cryogenic Far-Field Fluorescence Nanoscopy: Evaluation with DNA Origami. Journal of Physical Chemistry B, 2020, 124, 7525-7536.	1.2	3
14	Enhanced enzymatic activity exerted by a packed assembly of a single type of enzyme. Chemical Science, 2020, 11, 9088-9100.	3.7	12
15	RNA-Peptide Conjugation through an Efficient Covalent Bond Formation. Applied Sciences (Switzerland), 2020, 10, 8920.	1.3	3
16	Fluorescence detection of the nitric oxide-induced structural change at the putative nitric oxide sensing segment of TRPC5. Bioorganic and Medicinal Chemistry, 2020, 28, 115430.	1.4	2
17	Detection of Inositol Phosphates by Split PH Domains. Methods in Molecular Biology, 2020, 2091, 47-57.	0.4	0
18	Receptor-based fluorescent sensors constructed from ribonucleopeptide. Methods in Enzymology, 2020, 641, 183-223.	0.4	0

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19	Contribution of Coiled-Coil Assembly to Ca <sup>2+</sup> /Calmodulin-Dependent Inactivation of TRPC6 Channel and its Impacts on FSGS-Associated Phenotypes. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1587-1603.	3.0	23
20	Reaction of ribulose biphosphate carboxylase/oxygenase assembled on a DNA scaffold. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115120.	1.4	5
21	Nanometer Accuracy in Cryogenic Far-Field Localization Microscopy of Individual Molecules. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5841-5846.	2.1	12
22	Rational design of a DNA sequence-specific modular protein tag by tuning the alkylation kinetics. <i>Chemical Science</i> , 2019, 10, 9315-9325.	3.7	13
23	Highly selective dual sensing of ATP and ADP using fluorescent ribonucleopeptide sensors. <i>Chemical Communications</i> , 2019, 55, 1611-1614.	2.2	12
24	DNA binding adaptors to assemble proteins of interest on DNA scaffold. <i>Methods in Enzymology</i> , 2019, 617, 287-322.	0.4	5
25	Protein adaptors assemble functional proteins on DNA scaffolds. <i>Chemical Communications</i> , 2019, 55, 12428-12446.	2.2	25
26	Covalent Bond Formation by Modular Adaptors to Locate Multiple Enzymes on a DNA Scaffold. , 2019, , 163-183.		3
27	DNA Origami Scaffolds as Templates for Functional Tetrameric Kir3 K <sup>+</sup> Channels. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2586-2591.	7.2	33
28	DNA Origami Scaffolds as Templates for Functional Tetrameric Kir3 K <sup>+</sup> Channels. <i>Angewandte Chemie</i> , 2018, 130, 2616-2621.	1.6	1
29	Facile conversion of ATP-binding RNA aptamer to quencher-free molecular aptamer beacon. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 77-80.	1.0	11
30	Nucleic Acid-Templated Enzyme Cascades. <i>ChemBioChem</i> , 2017, 18, 696-716.	1.3	71
31	Construction of a library of structurally diverse ribonucleopeptides with catalytic groups. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1881-1888.	1.4	5
32	Design of Modular Protein Tags for Orthogonal Covalent Bond Formation at Specific DNA Sequences. <i>Journal of the American Chemical Society</i> , 2017, 139, 8487-8496.	6.6	48
33	High-Speed AFM Reveals Advanced Details on Dynamic Behavior of Antibody. <i>Biophysical Journal</i> , 2017, 112, 587a.	0.2	2
34	A Diversity-Oriented Library of Fluorophore-Modified Receptors Constructed from a Chemical Library of Synthetic Fluorophores. <i>ChemBioChem</i> , 2017, 18, 2212-2216.	1.3	6
35	A Bioorganic Chemistry Approach to Understanding Molecular Recognition in Protein-Nucleic Acid Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1309-1317.	2.0	9
36	Latent pH-responsive ratiometric fluorescent cluster based on self-assembled photoactivated SNARF derivatives. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 431-436.	2.8	7

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37	Spatially Organized Enzymes Drive Cofactor-Coupled Cascade Reactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 3012-3021.	6.6	145
38	Self-Assembled Fluorescent Nanoprobe for the Detection of Fluoride Ions in Aqueous Solutions. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 327-329.	2.0	5
39	A modular zinc finger adaptor accelerates the covalent linkage of proteins at specific locations on DNA nanoscaffolds. <i>Chemical Communications</i> , 2015, 51, 1016-1019.	2.2	40
40	High-Speed AFM Observation of Antibody IGG Characteristic of Swinging Arms. <i>Biophysical Journal</i> , 2015, 108, 377a.	0.2	0
41	Validating subcellular thermal changes revealed by fluorescent thermosensors. <i>Nature Methods</i> , 2015, 12, 801-802.	9.0	76
42	A protein adaptor to locate a functional protein dimer on molecular switchboard. <i>Methods</i> , 2014, 67, 142-150.	1.9	28
43	Peptidosteroid Tweezers Revisited: DNA Binding Through an Optimised Design. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2883-2891.	1.2	12
44	A novel strategy to design latent ratiometric fluorescent pH probes based on self-assembled SNARF derivatives. <i>RSC Advances</i> , 2014, 4, 348-357.	1.7	24
45	Phosphorylation regulates fibrillation of an aggregation core peptide in the second repeat of microtubule-binding domain of human tau. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6471-6480.	1.4	10
46	Dynamic Imaging with High-Speed AFM to Study Cell Movement. <i>Biophysical Journal</i> , 2014, 106, 358a.	0.2	0
47	A neutron dynamic therapy with a boron tracedrug UTX-51 using a compact neutron generator. <i>Anticancer Research</i> , 2014, 34, 4557-60.	0.5	0
48	Genetically encoded fluorescent thermosensors visualize subcellular thermoregulation in living cells. <i>Nature Methods</i> , 2013, 10, 1232-1238.	9.0	207
49	Simultaneous Detection of ATP and GTP by Covalently Linked Fluorescent Ribonucleopeptide Sensors. <i>Journal of the American Chemical Society</i> , 2013, 135, 3465-3473.	6.6	57
50	Toxicity Inspired Cross-Linking for Probing DNAâ€“Peptide Interactions. <i>Bioconjugate Chemistry</i> , 2013, 24, 2008-2014.	1.8	22
51	A Peptide Nucleic Acid (PNA) Heteroduplex Probe Containing an Inosineâ€“Cytosine Base Pair Discriminates a Singleâ€“Nucleotide Difference in RNA. <i>Chemistry - A European Journal</i> , 2013, 19, 5034-5040.	1.7	8
52	Furan Oxidation Cross-Linking: A New Approach for the Study and Targeting of Peptide/Protein and Nucleic Acid Interactions. , 2013, , .		0
53	Construction of ratiometric fluorescent sensors by ribonucleopeptides. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8767.	1.5	10
54	Two Days of Experiments in Vietnam: Asian Chemical Biology Initiative, Hanoi Meeting. <i>ACS Chemical Biology</i> , 2012, 7, 623-625.	1.6	0

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55	Positional Effects of Phosphorylation on the Stability and Morphology of Tau-Related Amyloid Fibrils. <i>Biochemistry</i> , 2012, 51, 1396-1406.	1.2	18
56	Zinc-Finger Proteins for Site-Specific Protein Positioning on DNA-Origami Structures. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2421-2424.	7.2	120
57	Structural Aspects for the Recognition of ATP by Ribonucleotide Receptors. <i>Journal of the American Chemical Society</i> , 2011, 133, 4567-4579.	6.6	34
58	Material Analysis Laboratory in KU-FEL, Kyoto University. <i>Energy Procedia</i> , 2011, 9, 483-490.	1.8	0
59	Selective Assembly of Photosynthetic Antenna Proteins into a Domain-Structured Lipid Bilayer for the Construction of Artificial Photosynthetic Antenna Systems: Structural Analysis of the Assembly Using Surface Plasmon Resonance and Atomic Force Microscopy. <i>Langmuir</i> , 2011, 27, 1092-1099.	1.6	36
60	A ribonucleotide module for effective conversion of an RNA aptamer to a fluorescent sensor. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 5771-5775.	1.4	8
61	Design and synthesis of biotinylated inositol 1,3,4,5-tetrakisphosphate targeting Grp1 pleckstrin homology domain. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6833-6841.	1.4	7
62	Construction of dopamine sensors by using fluorescent ribonucleotide complexes. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4473-4481.	1.4	23
63	Design and synthesis of highly solvatochromic fluorescent 2'-deoxyguanosine and 2'-deoxyadenosine analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1275-1278.	1.0	38
64	Facile conversion of RNA aptamers to modular fluorescent sensors with tunable detection wavelengths. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4503-4506.	1.0	14
65	The Mechanism of Fibril Formation of a Non-inhibitory Serpin Ovalbumin Revealed by the Identification of Amyloidogenic Core Regions. <i>Journal of Biological Chemistry</i> , 2011, 286, 5884-5894.	1.6	47
66	Reconstitution and AFM Observation of Photosynthetic Membrane Protein Assembly in Planar Lipid Bilayers. <i>E-Journal of Surface Science and Nanotechnology</i> , 2011, 9, 15-20.	0.1	10
67	An In Vivo Fluorescent Sensor Reveals Intracellular Ins(1,3,4,5)P <sub>4</sub> Dynamics in Single Cells. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2150-2153.	7.2	16
68	Design of environmentally sensitive fluorescent 2'-deoxyguanosine containing arylethynyl moieties: Distinction of thymine base by base-discriminating fluorescent (BDF) probe. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2817-2820.	1.0	31
69	Design Strategies of Fluorescent Biosensors Based on Biological Macromolecular Receptors. <i>Sensors</i> , 2010, 10, 1355-1376.	2.1	67
70	Development of Fluorescent Ribonucleotide-Based Sensors for Biologically Active Amines. <i>Green Energy and Technology</i> , 2010, , 181-185.	0.4	0
71	Construction of the Functional Biomolecules with the Ribonucleotide Complexes. <i>Green Energy and Technology</i> , 2010, , 53-57.	0.4	0
72	Light Energy Induced Fluorescence Switching Based on Novel Photochromic Nucleosides. <i>Green Energy and Technology</i> , 2010, , 186-190.	0.4	0

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73	Development of A Fluorescent Ribonucleopeptide Sensor for Histamine. Transactions of the Materials Research Society of Japan, 2009, 34, 525-527.	0.2	11
74	Structural aspects for the function of ATP-binding ribonucleopeptide receptors. Nucleic Acids Symposium Series, 2009, 53, 259-260.	0.3	0
75	Selective and direct inhibition of TRPC3 channels underlies biological activities of a pyrazole compound. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5400-5405.	3.3	344
76	Design of extremely facile 3'- and 5'- ends free molecular beacons using C8 alkylamino substituted 2'-deoxyguanosine. Nucleic Acids Symposium Series, 2009, 53, 141-142.	0.3	0
77	Structural analysis of ribonucleopeptide aptamer against ATP. Nucleic Acids Symposium Series, 2009, 53, 267-268.	0.3	2
78	Covalently linked fluorescent ribonucleopeptide sensors. Nucleic Acids Symposium Series, 2009, 53, 257-258.	0.3	0
79	Fluorescence switching of photochromic vinylpyrene-substituted 2'-deoxyguanosine. Tetrahedron Letters, 2009, 50, 1403-1406.	0.7	18
80	A single circularly permuted GFP sensor for inositol-1,3,4,5-tetrakisphosphate based on a split PH domain. Bioorganic and Medicinal Chemistry, 2009, 17, 7381-7386.	1.4	26
81	Pyrene-labeled deoxyguanosine as a fluorescence sensor to discriminate single and double stranded DNA structures: Design of ends free molecular beacons. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6392-6395.	1.0	40
82	2TA1-06 Positional effects of phosphorylation upon fibrillation of tau derived peptide(The 47th Annual) Tj ETQq0 0 0 rgBT /Overlock 10 0,0		
83	The amyloid fibrillization of phosphorylated human tau core peptides. Transactions of the Materials Research Society of Japan, 2009, 34, 517-520.	0.2	2
84	A Modular Strategy for Development of RNA-Based Fluorescent Sensors. , 2009, , 249-269.		0
85	Charge-Pairing Mechanism of Phosphorylation Effect upon Amyloid Fibrillation of Human Tau Core Peptide. Biochemistry, 2008, 47, 11847-11857.	1.2	15
86	Context-Dependent Fluorescence Detection of a Phosphorylated Tyrosine Residue by a Ribonucleopeptide. Journal of the American Chemical Society, 2008, 130, 8804-8812.	6.6	28
87	Development of ribonucleopeptide-based fluorescent sensors for biologically active amines based on the stepwise molding strategy. Nucleic Acids Symposium Series, 2008, 52, 201-202.	0.3	0
88	Construction of a stable functional ribonucleopeptide complex by the covalent linking method. Nucleic Acids Symposium Series, 2008, 52, 195-196.	0.3	0
89	Selective recognition of a tetra-amino-acid motif containing phosphorylated tyrosine residue by ribonucleopeptide. Nucleic Acids Symposium Series, 2008, 52, 199-200.	0.3	2
90	Dynamic Observation of 2686 bp DNA-BAL 31 Nuclease Interaction with Single Molecule Level Using High-Speed Atomic Force Microscopy. Japanese Journal of Applied Physics, 2008, 47, 6168.	0.8	4

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91	Design and synthesis of biotinylated inositol phosphates relevant to the biotin-avidin techniques. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1822.	1.5	9
92	1P-096 Charge-pairing effects upon fibrillation of phosphorylated tau derived peptide(The 46th Annual) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	0.0	0
93	Construction of Aptamers and Sensors from RNA-Peptide Complexes by Molecular Evolution. <i>Seibutsu Butsuri</i> , 2008, 48, 239-242.	0.0	0
94	Structure-based Design of Fluorescent Biosensors from Ribonucleopeptide Complexes. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 95-96.	0.3	0
95	Controlling a substrate-binding geometry of ribonucleopeptide receptor. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 421-422.	0.3	0
96	Construction of ribonucleopeptide-based fluorescent sensors for biologically active amines. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 423-424.	0.3	0
97	Stepwise Functionalization of Ribonucleopeptides: Optimization of the Response of Fluorescent Ribonucleopeptide Sensors for ATP. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1277-1281.	0.4	17
98	3P050 Effects of chemical modification upon aggregation properties of tau-derived peptides(Proteins-stability, folding, and other physicochemical properties,Poster Presentations). <i>Seibutsu Butsuri</i> , 2007, 47, S215.	0.0	0
99	Synergistic action of polyanionic and non-polar cofactors in fibrillation of human islet amyloid polypeptide. <i>FEBS Letters</i> , 2007, 581, 1635-1638.	1.3	14
100	Amyloid-forming propensity of the hydrophobic non-natural amino acid on the fibril-forming core peptide of human tau. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 2971-2974.	1.0	11
101	A Modular Strategy for Tailoring Fluorescent Biosensors from Ribonucleopeptide Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 12932-12940.	6.6	45
102	2P101 Biochemical modification of pathological protein aggregation(31. Protein folding and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307</i> 2006, 46, S321.	0.0	0
103	Nitric oxide activates TRP channels by cysteine S-nitrosylation. , 2006, 2, 596-607.		480
104	Surface Molecularly Imprinted TiO <sub>2</sub> Nanoparticle for Photoreduction of Viologen. <i>Materials Research Society Symposia Proceedings</i> , 2006, 945, 1.	0.1	1
105	Transglutaminase-Catalyzed Cross-Linking and Its Modification of Protein Aggregation. <i>Seibutsu Butsuri</i> , 2006, 46, 82-86.	0.0	0
106	Dual DNA recognition codes of a short peptide derived from the basic leucine zipper protein EmBP1. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3107-3116.	1.4	3
107	Paradoxical Inhibition of Protein Aggregation and Precipitation by Transglutaminase-catalyzed Intermolecular Cross-linking. <i>Journal of Biological Chemistry</i> , 2005, 280, 17520-17525.	1.6	24
108	Covalent Blocking of Fibril Formation and Aggregation of Intracellular Amyloidogenic Proteins by Transglutaminase-Catalyzed Intramolecular Cross-Linking. <i>Biochemistry</i> , 2005, 44, 2072-2079.	1.2	48

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109	Stepwise Molding of a Highly Selective Ribonucleopeptide Receptor. <i>Journal of the American Chemical Society</i> , 2005, 127, 30-31.	6.6	31
110	A Ribonucleopeptide Receptor Targets Phosphotyrosine. <i>E-Journal of Surface Science and Nanotechnology</i> , 2005, 3, 33-37.	0.1	12
111	Ribonucleopeptides: Functional RNA-peptide complexes. <i>Biopolymers</i> , 2004, 76, 66-68.	1.2	4
112	Synthesis and AFM visualization of DNA nanostructures. <i>Thin Solid Films</i> , 2004, 464-465, 459-463.	0.8	5
113	An AFM study of the elasticity of DNA molecules. <i>Thin Solid Films</i> , 2004, 464-465, 456-458.	0.8	23
114	Novel Real-Time Sensors to Quantitatively Assess In Vivo Inositol 1,4,5-Trisphosphate Production in Intact Cells. <i>Chemistry and Biology</i> , 2004, 11, 475-485.	6.2	28
115	Chemical Approaches Untangling Sequence-Specific DNA Binding by Proteins. <i>ChemInform</i> , 2003, 34, no.	0.1	0
116	Amplification of receptor signalling by Ca <sup>2+</sup> entry-mediated translocation and activation of PLC $\beta$ 2 in B lymphocytes. <i>EMBO Journal</i> , 2003, 22, 4677-4688.	3.5	101
117	Functional Reassembly of a Split PH Domain. <i>Journal of the American Chemical Society</i> , 2003, 125, 5000-5004.	6.6	14
118	Regulatory interaction of sodium channel IQ-motif with calmodulin C-terminal lobe. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 290-296.	1.0	26
119	Design of a ribonucleopeptide biosensor. <i>Nucleic Acids Symposium Series</i> , 2003, 3, 193-194.	0.3	0
120	A New Fluorescent Biosensor for Inositol Trisphosphate. <i>Journal of the American Chemical Society</i> , 2002, 124, 1138-1139.	6.6	53
121	A General Strategy To Determine a Target DNA Sequence of a Short Peptide: Application to a d-Peptide. <i>Journal of the American Chemical Society</i> , 2002, 124, 180-181.	6.6	16
122	Structure-Based Design of a Leucine Zipper Protein with New DNA Contacting Region. <i>Biochemistry</i> , 2002, 41, 2177-2183.	1.2	15
123	In Vitro Selection of ATP-Binding Receptors Using a Ribonucleopeptide Complex. <i>Journal of the American Chemical Society</i> , 2002, 124, 4617-4622.	6.6	32
124	Local site amplification and damage to wooden houses in Shimoenoki, Tottori, Japan, by the 2000 Western Tottori Earthquake. <i>Earth, Planets and Space</i> , 2002, 54, 861-870.	0.9	1
125	Sequence-specific DNA binding by short peptides. <i>Advances in DNA Sequence-Specific Agents</i> , 2002, 4, 105-137.	0.3	1
126	Chemical Approaches Untangling Sequence-Specific DNA Binding by Proteins. <i>Chemistry - A European Journal</i> , 2002, 8, 5066-5071.	1.7	21



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127	Formation of a fairly stable diazoate intermediate of 5-methyl-2'-deoxycytidine by HNO <sub>2</sub> and NO, and its implication to a novel mutation mechanism in CpG site. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 1063-1067.	1.4	5
128	Formation of 2-chloroinosine from guanosine by treatment of HNO <sub>2</sub> in the presence of NaCl. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 2937-2941.	1.4	4
129	Influence of ring opening/closure equilibrium of oxanine, a novel damaged nucleobase, on migration behavior in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2000, 877, 225-232.	1.8	8
130	Formation of 2'-deoxyoxanosine from 2'-deoxyguanosine and nitrous acid: mechanism and intermediates. <i>Nucleic Acids Research</i> , 2000, 28, 544-551.	6.5	48
131	Products of the Reaction between a Diazoate Derivative of 2'-Deoxycytidine and Lysine and Its Implication for DNA-Nucleoprotein Cross-Linking by NO or HNO <sub>2</sub> . <i>Chemical Research in Toxicology</i> , 2000, 13, 1223-1227.	1.7	13
132	Identification and Characterization of a Reaction Product of 2'-Deoxyoxanosine with Glycine. <i>Chemical Research in Toxicology</i> , 2000, 13, 227-230.	1.7	26
133	Isolation and Characterization of Diazoate Intermediate upon Nitrous Acid and Nitric Oxide Treatment of 2'-Deoxycytidine. <i>Biochemistry</i> , 1999, 38, 7151-7158.	1.2	21
134	Stability of the Dimerization Domain Effects the Cooperative DNA Binding of Short Peptides. <i>Biochemistry</i> , 1999, 38, 4008-4017.	1.2	27
135	Comparison of the Sequence-Selective DNA Binding by Peptide Dimers with Covalent and Noncovalent Dimerization Domains. <i>Biochemistry</i> , 1999, 38, 1626-1632.	1.2	23
136	Structure and Stability of the Consecutive Stereoregulated Chiral Phosphorothioate DNA Duplex. <i>Biochemistry</i> , 1999, 38, 16058-16066.	1.2	27
137	Kinetic Studies of Sequence-Specific Binding of GCN4-bZIP Peptides to DNA Strands Immobilized on a 27-MHz Quartz-Crystal Microbalance. <i>Biochemistry</i> , 1998, 37, 5666-5672.	1.2	130
138	Factors Governing the Sequence-Selective DNA Binding of Geometrically Constrained Peptide Dimers. <i>Journal of the American Chemical Society</i> , 1997, 119, 3649-3655.	6.6	35
139	Cooperative Oligomerization Enhances Sequence-Selective DNA Binding by a Short Peptide. <i>Journal of the American Chemical Society</i> , 1996, 118, 10011-10017.	6.6	32
140	Sequence-specific DNA binding by covalently constrained peptide dimers of the basic leucine zipper protein GCN4. <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 777-784.	1.4	15
141	Induced fit of helical biphenyl ligands to the double-stranded DNA. <i>Tetrahedron Letters</i> , 1994, 35, 1219-1222.	0.7	7
142	Correlations of Crystal Structures of DNA Oligonucleotides with Enantioselective Recognition by Rh(phen) <sub>2</sub> phi <sup>3+</sup> : Probes of DNA Propeller Twisting in Solution. <i>Biochemistry</i> , 1994, 33, 4130-4139.	1.2	43
143	Recognition of nonpalindromic DNA sequence by a peptide heterodimer with artificial dimerization module. <i>Journal of the American Chemical Society</i> , 1994, 116, 11137-11138.	6.6	22
144	Structural determinants of ion selectivity in brain calcium channel. <i>FEBS Letters</i> , 1993, 318, 145-148.	1.3	140

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145	Arranging quaternary structure of peptides by cyclodextrin-guest inclusion complex: sequence-specific DNA binding by a peptide dimer with artificial dimerization module. <i>Journal of the American Chemical Society</i> , 1993, 115, 12575-12576.	6.6	73
146	Sequence-specific DNA binding by a geometrically constrained peptide dimer. <i>Journal of the American Chemical Society</i> , 1993, 115, 1150-1151.	6.6	59
147	DNA recognition by synthetic peptides with Dyad symmetry. <i>Journal of Inorganic Biochemistry</i> , 1991, 43, 468.	1.5	1
148	Probing microstructures in double-helical DNA with chiral metal complexes: recognition of changes in base-pair propeller twisting in solution. <i>Journal of the American Chemical Society</i> , 1990, 112, 9432-9434.	6.6	122
149	Photoinduced DNA strand scission by cobalt bleomycin green complex. <i>Journal of the American Chemical Society</i> , 1989, 111, 2307-2308.	6.6	52
150	Synthetic cobalt bleomycin models as a photochemical DNA cleaver. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 360.	2.0	4
151	Oxidative strand scission of DNA. <i>Pure and Applied Chemistry</i> , 1989, 61, 473-476.	0.9	0
152	Remarkably high selectivity in photoisomerization of trithiazoles. <i>Tetrahedron Letters</i> , 1988, 29, 3963-3966.	0.7	7
153	New lumibleomycin containing thiazolylisothiazole ring. <i>Journal of the American Chemical Society</i> , 1987, 109, 938-939.	6.6	22
154	Chemistry of 4'-hydroperoxy nucleosides as a model for the intermediate in bleomycin-induced degradation of DNA. <i>Journal of Organic Chemistry</i> , 1987, 52, 1008-1012.	1.7	12
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