

Kenzo Fujimoto

List of Publications by Year in descending order

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146
papers

2,514
citations

186265

28
h-index

243625

44
g-index

150
all docs

150
docs citations

150
times ranked

1409
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Reversible Photo-Cross-Linking Reaction: Toward in Situ DNA Manipulation. <i>Organic Letters</i> , 2008, 10, 3227-3230.	4.6	166
2	Stereoselective intramolecular bis-silylation of alkenes promoted by a palladium-isocyanide catalyst leading to polyol synthesis. <i>Journal of the American Chemical Society</i> , 1993, 115, 6487-6498.	13.7	132
3	Template-Directed Photoreversible Ligation of Deoxyoligonucleotides via 5-Vinyldeoxyuridine. <i>Journal of the American Chemical Society</i> , 2000, 122, 5646-5647.	13.7	123
4	Synthesis, Structure and Thermodynamic Properties of 8-Methylguanine-Containing Oligonucleotides: Z-DNA under Physiological Salt Conditions. <i>Nucleic Acids Research</i> , 1996, 24, 1272-1278.	14.5	101
5	Photoinduced deoxyribose C2' oxidation in DNA. Alkali-dependent cleavage of erythrose-containing sites via a retroaldol reaction. <i>Journal of the American Chemical Society</i> , 1993, 115, 4443-4448.	13.7	100
6	Details of the Ultrafast DNA Photo-Cross-Linking Reaction of 3-Cyanovinylcarbazole Nucleoside: <i>cis</i> – <i>trans</i> Isomeric Effect and the Application for SNP-Based Genotyping. <i>Journal of the American Chemical Society</i> , 2013, 135, 16161-16167.	13.7	93
7	Characterization of human telomere RNA G-quadruplex structures in vitro and in living cells using 19F NMR spectroscopy. <i>Nucleic Acids Research</i> , 2017, 45, 5501-5511.	14.5	91
8	Evidence for intrastrand C2' hydrogen abstraction in photoirradiation of 5-halouracil-containing oligonucleotides by using stereospecifically C2'-deuterated deoxyadenosine. <i>Tetrahedron Letters</i> , 1996, 37, 1805-1808.	1.4	66
9	Stereospecific 1,2-Hydride Shift in Ribonolactone Formation in the Photoreaction of 2'-Iododeoxyuridine. <i>Journal of the American Chemical Society</i> , 1995, 117, 2945-2946.	13.7	54
10	SNP Genotyping by Using Photochemical Ligation. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4512-4515.	13.8	54
11	Stabilization of DNA nanostructures by photo-cross-linking. <i>Soft Matter</i> , 2011, 7, 10931.	2.7	45
12	Photo-regulation of constitutive gene expression in living cells by using ultrafast photo-cross-linking oligonucleotides. <i>Biomaterials Science</i> , 2014, 2, 1154-1157.	5.4	44
13	DNA Photo-Cross-Linking Using 3-Cyanovinylcarbazole Modified Oligonucleotide with Threoninol Linker. <i>Organic Letters</i> , 2015, 17, 936-939.	4.6	41
14	Preferential C1' Hydrogen Abstraction by a Uracyl Radical in a DNA-RNA Hybrid. <i>Tetrahedron Letters</i> , 1997, 38, 8057-8060.	1.4	40
15	Site-specific photochemical RNA editing. <i>Chemical Communications</i> , 2010, 46, 7545.	4.1	40
16	Template directed photochemical synthesis of branched oligodeoxynucleotides via 5-carboxyvinyldeoxyuridine. <i>Tetrahedron Letters</i> , 2000, 41, 9437-9440.	1.4	38
17	Non-Twisted Tetrakis(organosilyl)ethene. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1473-1475.	4.4	37
18	Template-Directed DNA Photoligation in Rapid and Selective Detection of RNA Point Mutations. <i>ChemBioChem</i> , 2006, 7, 598-601.	2.6	37

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19	Surface-enhanced Raman spectroscopy for facile DNA detection using gold nanoparticle aggregates formed via photoligation. <i>Analyst</i> , 2010, 135, 595.	3.5	37
20	Template-directed reversible photocircularization of DNA via 5-vinyldeoxycytidine. <i>Tetrahedron Letters</i> , 2000, 41, 6451-6454.	1.4	34
21	Site-specific Cytosine to Uracil Transition by Using Reversible DNA Photo-crosslinking. <i>ChemBioChem</i> , 2010, 11, 1661-1664.	2.6	33
22	Interstrand photocrosslinking of DNA via p-carbamoylvinyl phenol nucleoside. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1299-1301.	2.2	32
23	A Novel Method to Synthesize Versatile Multiple-Branched DNA (MB-DNA) by Reversible Photochemical Ligation. <i>ChemBioChem</i> , 2005, 6, 1756-1760.	2.6	32
24	Template-Directed DNA Photoligation via Î±-5-Cyanovinyldeoxyuridine. <i>Organic Letters</i> , 2005, 7, 2853-2856.	4.6	32
25	C8-alkynyl- and alkylamino substituted 2'-deoxyguanosines: a universal linker for nucleic acids modification. <i>Tetrahedron</i> , 2008, 64, 3578-3588.	1.9	31
26	Reversible Gel-Sol Transition of a Photo-Responsive DNA Gel. <i>ChemBioChem</i> , 2016, 17, 1118-1121.	2.6	31
27	DNA Photo-cross-linking Using Pyranocarbazole and Visible Light. <i>Organic Letters</i> , 2018, 20, 2802-2805.	4.6	31
28	A New Approach for Reversible RNA Photocrosslinking Reaction: Application to Sequence-specific RNA Selection. <i>ChemBioChem</i> , 2009, 10, 1473-1476.	2.6	30
29	Template-directed photoreversible ligation of DNA via 7-carboxyvinyl-7-deaza-2'-deoxyadenosine. <i>Tetrahedron Letters</i> , 2005, 46, 97-99.	1.4	27
30	Autonomous DNA Computing Machine Based on Photochemical Gate Transition. <i>Journal of the American Chemical Society</i> , 2008, 130, 10050-10051.	13.7	27
31	Photoinduced DNA end capping via N3-methyl-5-cyanovinyl-2'-deoxyuridine. <i>Chemical Communications</i> , 2005, , 3177.	4.1	25
32	Reversible DNA photocircularization on triple helix: effect of vinyl substituent on base stacking. <i>Tetrahedron Letters</i> , 2000, 41, 7897-7900.	1.4	23
33	Double duplex invasion of DNA induced by ultrafast photo-cross-linking using 3-cyanovinylcarbazole for antigene methods. <i>Chemical Communications</i> , 2017, 53, 7616-7619.	4.1	23
34	Highly Selective and Sensitive Template-Directed Photoligation of DNA via 5-Carbamoylvinyl-2'-deoxycytidine. <i>Organic Letters</i> , 2006, 8, 5049-5051.	4.6	22
35	Signal turn-on probe for nucleic acid detection based on ¹⁹ F nuclear magnetic resonance. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 303-306.	2.2	22
36	Heat-resistant DNA tile arrays constructed by template-directed photoligation through 5-carboxyvinyl-2'-deoxyuridine. <i>Nucleic Acids Research</i> , 2007, 35, e140-e140.	14.5	21

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37	Nonenzymatic Parallel DNA Logic Circuits. <i>ChemBioChem</i> , 2007, 8, 1520-1525.	2.6	21
38	Development of a Potassium Ion Sensor for ¹⁹ F Magnetic Resonance Chemical Shift Imaging Based on Fluorine-labeled Thrombin Aptamer. <i>Chemistry Letters</i> , 2011, 40, 720-721.	1.3	21
39	A versatile puromycin-linker using <i>cnvK</i> for high-throughput in vitro selection by cDNA display. <i>Journal of Biotechnology</i> , 2015, 212, 174-180.	3.8	21
40	Highly sequence specific RNA terminal labeling by DNA photoligation. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 139-142.	2.8	19
41	Quick regulation of mRNA functions by a few seconds of photoirradiation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7820.	2.8	19
42	Highly selective detection of 5-methylcytosine using photochemical ligation. <i>Chemical Communications</i> , 2008, , 5996.	4.1	18
43	Photochemical Acceleration of DNA Strand Displacement by Using Ultrafast DNA Photo-crosslinking. <i>ChemBioChem</i> , 2017, 18, 1984-1989.	2.6	18
44	Deoxyribonolactone formation in photoirradiation of 5-bromouracil-containing oligonucleotides by direct C1- ² hydrogen abstraction. <i>Tetrahedron Letters</i> , 2002, 43, 2243-2245.	1.4	17
45	Photochemical Synthesis of R-Shaped DNA toward DNA Recombination and Processing In Vitro. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7223-7226.	13.8	17
46	A Light-Controlled Reversible DNA Photoligation via Carbazole-Tethered 5-Carboxyvinyluracil. <i>Organic Letters</i> , 2008, 10, 397-400.	4.6	17
47	Fluorine-modified bisbenzimidazole derivative as a molecular probe for bimodal and simultaneous detection of DNAs by ¹⁹ F NMR and fluorescence. <i>Chemical Communications</i> , 2015, 51, 8749-8752.	4.1	17
48	Reversible photopadlocking on double-stranded DNA. <i>Chemical Communications</i> , 2007, , 2968.	4.1	16
49	Click Chemistry as an Efficient Method for Preparing a Sensitive DNA Probe for Photochemical Ligation. <i>ChemBioChem</i> , 2008, 9, 2071-2074.	2.6	16
50	Specific and reversible photochemical labeling of plasmid DNA using photoresponsive oligonucleotides containing 3-cyanovinylcarbazole. <i>Molecular BioSystems</i> , 2012, 8, 491-494.	2.9	16
51	Creation of DNA array structure equipped with heat resistance by ultrafast photocrosslinking. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1086-1090.	3.2	16
52	Simultaneous Amino Acid Analysis Based on ¹⁹ F NMR Using a Modified OPA-Derivatization Method. <i>Analytical Chemistry</i> , 2020, 92, 1669-1673.	6.5	16
53	Site-specific transition of cytosine to uracil via reversible DNA photoligation. <i>Chemical Communications</i> , 2006, , 3223.	4.1	15
54	Quick and reversible photocrosslinking reaction of 3-cyanovinylcarbazole nucleoside in a DNA triplex. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5065.	2.8	15

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55	Sequence dependent photoreduction of 5-bromouracil-containing oligonucleotides via electron transfer. <i>Tetrahedron Letters</i> , 1998, 39, 2137-2140.	1.4	14
56	Sequence specific interstrand photocrosslinking for effective SNP typing. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2583.	2.8	14
57	Quick, Selective and Reversible Photocrosslinking Reaction between 5-Methylcytosine and 3-Cyanovinylcarbazole in DNA Double Strand. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5765-5774.	4.1	14
58	RNA fluorescence in situ hybridization using 3-cyanovinylcarbazole modified oligodeoxyribonucleotides as photo-cross-linkable probes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5312-5314.	2.2	14
59	Detection of methylcytosine by DNA photoligation via hydrophobic interaction of the alkyl group. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3163.	2.8	13
60	Development of ¹⁹ F-NMR chemical shift detection of DNA B α Z equilibrium using ¹⁹ F-NMR. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5109-5111.	2.8	12
61	RNA fluorescence in situ hybridization hybridisation using photo-cross-linkable beacon probes containing pyranocarbazole in living E. coli. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2173-2177.	2.2	12
62	Strong Inhibitory Effects of Antisense Probes on Gene Expression through Ultrafast RNA Photocrosslinking. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1912-1916.	3.3	12
63	Solution of a SAT Problem on a Photochemical DNA Computer. <i>Chemistry Letters</i> , 2005, 34, 378-379.	1.3	11
64	Template Directed Reversible Photochemical Ligation of Oligodeoxynucleotides. <i>Molecules</i> , 2012, 17, 163-178.	3.8	11
65	Effect of substitution of photo-cross-linker in photochemical cytosine to uracil transition in DNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3905-3908.	2.2	11
66	Direct strand cleavage via furanyladenine formation in anaerobic photoirradiation of 5-bromouracil-containing oligonucleotides. <i>Tetrahedron Letters</i> , 2000, 41, 6455-6459.	1.4	10
67	Photo-cross-linking using trifluorothymidine and 3-cyanovinylcarbazole induced a large shifted ¹⁹ F MR signal. <i>Chemical Communications</i> , 2015, 51, 11765-11768.	4.1	10
68	Critical Effect of Base Pairing of Target Pyrimidine on the Interstrand Photo-Cross-Linking of DNA via 3-Cyanovinylcarbazole Nucleoside. <i>Bioconjugate Chemistry</i> , 2015, 26, 1475-1478.	3.6	9
69	Effect of nucleobase change on cytosine deamination through DNA photo-cross-linking reaction via 3-cyanovinylcarbazole nucleoside. <i>Molecular BioSystems</i> , 2017, 13, 1152-1156.	2.9	9
70	DNA photo-cross-linking using a pyranocarbazole-modified oligodeoxynucleotide with a d-threoninol linker. <i>RSC Advances</i> , 2019, 9, 30693-30697.	3.6	9
71	Catalytic Repair of a Thymine Dimer in DNA via Carbazole Nucleoside. <i>Chemistry Letters</i> , 2006, 35, 386-387.	1.3	8
72	Highly Efficient Method for Constructing a Single-Stranded Comb-Like Oligonucleotide via Reversible Photocrosslinking. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 2124-2130.	3.2	8

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73	Geometric Effect on the Photocrosslinking Reaction between 3-Cyanovinylcarbazole Nucleoside and Pyrimidine Base in DNA/RNA Heteroduplex. <i>Photochemistry and Photobiology</i> , 2013, 89, 1095-1099.	2.5	8
74	Fluorescence labeling of DNA based on photochemical ligation. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 249-254.	6.1	7
75	Study of Photochemical Cytosine to Uracil Transition via Ultrafast Photo-Cross-Linking Using Vinylcarbazole Derivatives in Duplex DNA. <i>Molecules</i> , 2018, 23, 828.	3.8	7
76	DNA Photoligation in Two-color Detection of DNA Point Mutation. <i>Chemistry Letters</i> , 2008, 37, 134-135.	1.3	6
77	Simultaneous detection of single-nucleotide polymorphisms in a DNA bulge structure using a fluorine-modified bisbenzimidazole derivative. <i>Analyst</i> , 2016, 141, 1214-1217.	3.5	6
78	Photochemical RNA Editing of C to U by Using Ultrafast Reversible RNA Photo-crosslinking in DNA/RNA Duplexes. <i>ChemBioChem</i> , 2020, 21, 3067-3070.	2.6	6
79	Photocrosslinking of DNA using 4-methylpyranocarbazole nucleoside with thymine base selectivity. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9860-9866.	2.8	6
80	Cy3-3-acylcholine: A fluorescent analogue of acetylcholine for single molecule detection. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1106-1109.	2.2	5
81	Photochemical Site-specific Mutation of 5-Methylcytosine to Thymine. <i>Chemistry Letters</i> , 2008, 37, 94-95.	1.3	5
82	Photo-Cross-Linking Reaction in Nucleic Acids: Chemistry and Applications. <i>Nucleic Acids and Molecular Biology</i> , 2016, , 145-157.	0.2	5
83	Effect of 5-Substitution of Uracil Base in DNA Photocrosslinking Using 3-Cyanovinylcarbazole. <i>Chemistry Letters</i> , 2016, 45, 887-889.	1.3	5
84	Complete Photochemical Regulation of 8 ¹⁷ DNase Activity by Using Reversible DNA Photo-crosslinking. <i>ChemBioChem</i> , 2020, 21, 3244-3248.	2.6	5
85	Replication of cyclobutane pyrimidine dimer analogue by Ex Taq DNA polymerase. <i>Science and Technology of Advanced Materials</i> , 2007, 8, 318-322.	6.1	4
86	Construction of branched DNA for SNP determination on glass-chip using photochemical ligation. <i>Biochip Journal</i> , 2011, 5, 206-213.	4.9	4
87	5-Methylcytosine Selective Photoligation Using Photoresponsive Oligonucleotides Containing Various 5-Vinyl-2-deoxyuridines Having an Aromatic Group. <i>Chemistry Letters</i> , 2012, 41, 47-49.	1.3	4
88	Short oligonucleotide prodrug having 5-fluoro and 5-iodouracil inhibits the proliferation of cancer cells in a photo-responsive manner. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3736-3738.	2.2	4
89	Changing Blue Fluorescent Protein to Green Fluorescent Protein Using Chemical RNA Editing as a Novel Strategy in Genetic Restoration. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1242-1252.	3.2	4
90	Reversible photo-cross-linking of the GCN4 peptide containing 3-cyanovinylcarbazole amino acid to double-stranded DNA. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6277-6283.	2.8	4

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91	Fluorescence In Situ Hybridization of 16S rRNA in <i>Escherichia coli</i> Using Multiple Photo-crosslinkable Probes. <i>ChemistrySelect</i> , 2020, 5, 14670-14676.	1.5	4
92	Genetic, Enzymatic, and Structural Analyses of Phenylalanyl-tRNA Synthetase from <i>Thermococcus kodakaraensis</i> KOD1. <i>Journal of Biochemistry</i> , 2003, 134, 567-574.	1.7	3
93	Effective Synthesis of Photosensitive Oligodeoxynucleotides. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 395-396.	0.3	3
94	Development of a rapid and reversible photocrosslinking of RNA. <i>Nucleic Acids Symposium Series</i> , 2009, 53, 197-198.	0.3	3
95	Photochemical Ligation of DNA Probe prepared in Click Chemistry. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2009, 22, 267-272.	0.3	3
96	Photoreversible DNA end capping for the formation of hairpin structures. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1523.	2.8	3
97	Wash-free RNA FISH Using a Photoresponsive Beacon Probe via Photochemical Crosslinking. <i>Chemistry Letters</i> , 2017, 46, 1711-1713.	1.3	3
98	Ultra-acceleration of Photochemical Cytosine Deamination by Using a 5'-Phosphate-Substituted Oligodeoxyribonucleotide Probe Containing a 3'-Cyanovinylcarbazole Nucleotide at Its 5'-End. <i>ChemBioChem</i> , 2018, 19, 2257-2261.	2.6	3
99	Disassembly-driven signal turn-on probes for bimodal detection of DNA with ¹⁹ F NMR and fluorescence. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7157-7162.	2.8	3
100	DNA Photocrosslinking Using 3-Vinylcarbazole Derivatives in Two-color Detection of Methylcytosine. <i>Chemistry Letters</i> , 2018, 47, 875-877.	1.3	3
101	Effect of linker length on photo-cross-linking position mediated by click chemistry via [2 + 2] photocycloaddition. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 776-782.	2.9	3
102	Conformation dependent DNA photoligation via sensitizer tethered 5-carboxyvinyluracil. <i>Nucleic Acids Symposium Series</i> , 2002, 2, 155-156.	0.3	2
103	RNA template-directed photoligation via 5-carboxyvinyl-2'-deoxyuridine. <i>Nucleic Acids Symposium Series</i> , 2005, 49, 143-144.	0.3	2
104	High selectivity detection of point mutation by DNA photochemical cross-linking. <i>Nucleic Acids Symposium Series</i> , 2006, 50, 173-174.	0.3	2
105	A selective and sensitive detection of SNP between rice cultivars by using DNA photoligation. <i>Nucleic Acids Symposium Series</i> , 2009, 53, 199-200.	0.3	2
106	Diamine Derivatives Accelerate Photochemical C → U Transition in DNA Double Strand. <i>Chemistry Letters</i> , 2013, 42, 289-291.	1.3	2
107	Sequence-specific DNA Photosplitting of Crosslinked DNAs Containing the 3'-Cyanovinylcarbazole Nucleoside by Using DNA Strand Displacement. <i>ChemBioChem</i> , 2016, 17, 1499-1503.	2.6	2
108	A multiplex RNA quantification method to determine the absolute amounts of mRNA without reverse transcription. <i>Analytical Biochemistry</i> , 2017, 539, 96-103.	2.4	2

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109	Multiplexed detection of nucleic acids using ¹⁹ F NMR chemical shift changes based on DNA photo-cross-linking of 3-vinylcarbazole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 891-894.	2.8	2
110	Monotonically controlling right linear grammars with unknown behaviors to output a target string. <i>Theoretical Computer Science</i> , 2019, 777, 387-408.	0.9	2
111	Photochemical DNA Manipulation and DNA Analysis by Photoresponsive Artificial DNA. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2007, 65, 709-714.	0.1	2
112	The Inhibition Effect of Photo-Cross-Linking between Probes in Photo-Induced Double Duplex Invasion DNA. <i>ChemBioChem</i> , 2021, 22, 3402-3405.	2.6	2
113	Template directed DNA photoligation via substituted 2'-deoxyuridine. <i>Nucleic Acids Symposium Series</i> , 2001, 1, 185-186.	0.3	1
114	Photochemical ligation of DNA "Words" for DNA computing. <i>Nucleic Acids Symposium Series</i> , 2003, 3, 183-184.	0.3	1
115	Interstrand DNA photocrosslinking by photoresponsive artificial nucleic acid. <i>Nucleic Acids Symposium Series</i> , 2004, 48, 81-82.	0.3	1
116	Photochemical ODN Manipulation Based on Reversible DNA Photoligation Mediated by Modified Photoresponsive Base. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2005, 18, 507-512.	0.3	1
117	Photo-triggered ODN manipulation on DNA chip. <i>Nucleic Acids Symposium Series</i> , 2005, 49, 145-146.	0.3	1
118	Photoinduced repair of a thymine dimer in DNA via carbazole nucleoside. <i>Nucleic Acids Symposium Series</i> , 2006, 50, 151-152.	0.3	1
119	SNP genotyping by DNA photoligation: application to SNP detection of genes from food crops. <i>Science and Technology of Advanced Materials</i> , 2009, 10, 034603.	6.1	1
120	A photochemical detection of methylcytosine by using hydrophobic interaction. <i>Nucleic Acids Symposium Series</i> , 2009, 53, 203-204.	0.3	1
121	Rapid Photopolymerization of Oligodeoxynucleotides by 3-Cyanovinylcarbazole mediated DNA Photocrosslinking. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2014, 27, 485-490.	0.3	1
122	Phototriggered Sequence-specific DNA Transportation into Liposomes Using Ultrafast DNA Photocrosslinking. <i>Chemistry Letters</i> , 2017, 46, 1839-1841.	1.3	1
123	Reducing control alphabet size for the control of right linear grammars with unknown behaviors. <i>Theoretical Computer Science</i> , 2021, 862, 193-213.	0.9	1
124	Photoinduced aggregation of liposome modified with DNA containing ultrafast DNA photo-cross-linker. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	1
125	Monotone Control of R Systems. <i>New Generation Computing</i> , 2022, 40, 623-657.	3.3	1
126	1P372 Utilization of synthetic fluorescent agonist of nAChR for simultaneous optical and electrical single molecule measurements(14. Ion channels and receptors,Poster Session,Abstract,Meeting) Tj ETQq0 0 0 rgBTd/Overlock10 Tf 50 5		

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127	Nucleotide insertion opposite a cyclobutane pyrimidine dimer analogue caused from photoligation by a replicative DNA polymerase. Nucleic Acids Symposium Series, 2006, 50, 125-126.	0.3	0
128	Effective two-color SNP typing based on photoligation. Nucleic Acids Symposium Series, 2007, 51, 325-326.	0.3	0
129	Photochemical transition of 5-methylcytosine to thymine by DNA photoligation. Nucleic Acids Symposium Series, 2007, 51, 233-234.	0.3	0
130	Photochemical Synthesis of R-shaped DNA via 5-Cyanovinyldeoxyuridine. Nucleic Acids Symposium Series, 2007, 51, 231-232.	0.3	0
131	Parallel processable light-driven DNA logic gate. Nucleic Acids Symposium Series, 2007, 51, 235-236.	0.3	0
132	1P313 DNA-ROM based on photoligation and DNA molecular addressing on a gold surface(Bioengineering,Poster Presentations). Seibutsu Butsuri, 2007, 47, S101.	0.1	0
133	1P269 Development and application of non-enzymatic DNA photoligation(Genome,Poster) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.1	0
134	Sensitive DNA probe for photochemical ligation prepared in click chemistry. Nucleic Acids Symposium Series, 2008, 52, 247-248.	0.3	0
135	Development of template-directed reversible DNA photocrosslinking. Nucleic Acids Symposium Series, 2008, 52, 423-424.	0.3	0
136	Photosensitized Cleavage of the Thymine Dimer in DNA via Carbazole Nucleoside. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2008, 21, 525-530.	0.3	0
137	2P-121 Autonomous DNA Computing Machine Based on Reversible DNA Photoligation(The 46th Annual) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.1	0
138	1P-306 Development of recording method for DNA spatial distribution patterns on a gold surface(The) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	0
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140	1P346 DNA computing based on photochemical DNA manipulation(Miscellaneous topics,The 48th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	0
141	2P139 Non-periodic and large-scale two-dimensional nano-patterns constructed on periodic DNA tile arrays(The 48th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2010, 50, S106-S107.	0.1	0
142	Possibility of genetic restoration for a disease treatment. , 2011, , .		0
143	UVA-responsive Anticancer Prodrugs Based on Photoinduced Electron Injection into Oligonucleotide Having 5-Halouracils. Chemistry Letters, 2016, 45, 1078-1080.	1.3	0
144	Photo-Cross-Linkable Artificial Nucleic Acid: Synthesis and Properties of 3-Cyanovinylcarbazole-Modified Nucleic Acids and Its Photo-Induced Gene-Silencing Activity in Cells. , 2018, , 171-186.		0

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145	The effect of 5-substituent in cytosine to the photochemical C to U transition in DNA strand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 35, 127812.	2.2	0
146	Phototriggered DNA Manipulation via Artificial Oligodeoxynucleotide. <i>Seibutsu Butsuri</i> , 2006, 46, 150-153.	0.1	0