

Shigeori Takenaka

List of Publications by Year in descending order

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218381

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135
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#	ARTICLE	IF	CITATIONS
1	DNA Sensing on a DNA Probe-Modified Electrode Using Ferrocenylnaphthalene Diimide as the Electrochemically Active Ligand. <i>Analytical Chemistry</i> , 2000, 72, 1334-1341.	3.2	341
2	A Novel Potassium Sensing in Aqueous Media with a Synthetic Oligonucleotide Derivative. Fluorescence Resonance Energy Transfer Associated with Guanine Quartetâˆ™Potassium Ion Complex Formation. <i>Journal of the American Chemical Society</i> , 2002, 124, 14286-14287.	6.6	316
3	A Pyrene-Labeled G-Quadruplex Oligonucleotide as a Fluorescent Probe for Potassium Ion Detection in Biological Applications. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5067-5070.	7.2	179
4	Ferrocene-oligonucleotide conjugates for electrochemical probing of DNA. <i>Nucleic Acids Research</i> , 1996, 24, 4273-4280.	6.5	157
5	Electrochemical Telomerase Assay with Ferrocenylnaphthalene Diimide as a Tetraplex DNA-Specific Binder. <i>Analytical Chemistry</i> , 2005, 77, 7304-7309.	3.2	79
6	G Quadruplex-Based FRET Probes with the Thrombin-Binding Aptamer (TBA) Sequence Designed for the Efficient Fluorometric Detection of the Potassium Ion. <i>ChemBioChem</i> , 2006, 7, 1730-1737.	1.3	70
7	Fluorescence energy transfer probes based on the guanine quadruplex formation for the fluorometric detection of potassium ion. <i>Analytica Chimica Acta</i> , 2007, 581, 125-131.	2.6	59
8	Visualization of DNA microarrays by scanning electrochemical microscopy (SECM). <i>Analyst</i> , The, 2001, 126, 1210-1211.	1.7	57
9	Electrochemical Detection of Nucleic Base Mismatches with Ferrocenyl Naphthalene Diimide. <i>Analytical Biochemistry</i> , 2002, 306, 188-196.	1.1	50
10	Electrochemical analysis of single nucleotide polymorphisms of p53 gene. <i>Talanta</i> , 2002, 56, 829-835.	2.9	47
11	PCR-Free Telomerase Assay Using Chronocoulometry Coupled with Hexaammineruthenium(III) Chloride. <i>Analytical Chemistry</i> , 2012, 84, 1772-1775.	3.2	47
12	Highly Sensitive Probe for Gene Analysis by Electrochemical Approach. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 217-224.	2.0	45
13	Linker effect of ferrocenylnaphthalene diimide ligands in the interaction with double stranded DNA. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1177-1185.	0.8	41
14	A novel method of identifying genetic mutations using an electrochemical DNA array. <i>Nucleic Acids Research</i> , 2004, 32, e141-e141.	6.5	39
15	Fluorescence Detection of Potassium Ion Using the G-Quadruplex Structure. <i>Analytical Sciences</i> , 2011, 27, 1167-1172.	0.8	39
16	Supramolecular Complex Formation by Î²-Cyclodextrin and Ferrocenylnaphthalene Diimide-intercalated Double Stranded DNA and Improved Electrochemical Gene Detection. <i>Molecules</i> , 2005, 10, 693-707.	1.7	38
17	Design of tetraplex specific ligands: cyclic naphthalene diimide. <i>Chemical Communications</i> , 2014, 50, 5967-5969.	2.2	38
18	Fluorescence imaging of potassium ions in living cells using a fluorescent probe based on a thrombin binding aptamerâ€™peptide conjugate. <i>Chemical Communications</i> , 2012, 48, 4740.	2.2	37

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19	Electrochemical assay of plasmin activity and its kinetic analysis. <i>Analytical Biochemistry</i> , 2009, 385, 293-299.	1.1	36
20	Oral Cancer Diagnosis via a Ferrocenylnaphthalene Diimide-Based Electrochemical Telomerase Assay. <i>Clinical Chemistry</i> , 2013, 59, 289-295.	1.5	36
21	Fluorescence anisotropy and FRET studies of G-quadruplex formation in presence of different cations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 835-843.	2.0	35
22	A Selective G-Quadruplex DNA-Stabilizing Ligand Based on a Cyclic Naphthalene Diimide Derivative. <i>Molecules</i> , 2015, 20, 10963-10979.	1.7	35
23	Ferrocenylnaphthalene diimide-based electrochemical detection of methylated gene. <i>Analytica Chimica Acta</i> , 2006, 578, 82-87.	2.6	33
24	Chemical Modulation of DNA Replication along G-Quadruplex Based on Topology-Dependent Ligand Binding. <i>Journal of the American Chemical Society</i> , 2021, 143, 16458-16469.	6.6	31
25	Ferrocenylnaphthalene Diimide-Based Electrochemical Hybridization Assay for a Heterozygous Deficiency of the Lipoprotein Lipase Gene. <i>Bioconjugate Chemistry</i> , 2002, 13, 1193-1199.	1.8	30
26	Electrochemical gene detection based on supramolecular complex formation by ferrocenyl- β -cyclodextrin and adamantylnaphthalene diimide bound to double stranded DNA. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4722-4728.	0.8	26
27	Detection of an aberrant methylation of CDH4 gene in PCR product by ferrocenylnaphthalene diimide-based electrochemical hybridization assay. <i>Analytica Chimica Acta</i> , 2012, 715, 42-48.	2.6	25
28	Electrochemical DNA Analysis with a Supramolecular Assembly of Naphthalene Diimide, Ferrocene, and β -Cyclodextrin. <i>Analytical Chemistry</i> , 2011, 83, 7290-7296.	3.2	24
29	Highly Sensitive Nuclease Assays Based on Chemically Modified DNA or RNA. <i>Sensors</i> , 2014, 14, 12437-12450.	2.1	24
30	Synthesis of ferrocenylcarbodiimide as a convenient electrochemically active labeling reagent for nucleic acids. <i>Tetrahedron</i> , 2005, 61, 11705-11715.	1.0	23
31	Fluorescence Resonance Energy Transfer in the Studies of Guanine Quadruplexes. , 2006, 335, 311-342.		23
32	Direct Modification of mRNA by Ferrocenyl Carbodiimide and Its Application to Electrochemical Detection of mRNA. <i>Analytical Sciences</i> , 2007, 23, 115-119.	0.8	21
33	Synthesis and characterization of novel tris-intercalators having potentially two different DNA binding modes. <i>Supramolecular Chemistry</i> , 1993, 2, 41-46.	1.5	19
34	Comparison of potassium ion preference of potassium-sensing oligonucleotides, PSO-1 and PSO-2, carrying the human and <i>Oxytricha</i> telomeric sequence, respectively. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 1006-1010.	1.9	19
35	Interactions of cyclic and non-cyclic naphthalene diimide derivatives with different nucleic acids. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2593-2601.	1.4	19
36	Ferrocenyl naphthalene diimide can bind to DNA-RNA hetero duplex: potential use in an electrochemical detection of mRNA expression. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 476-483.	0.8	18

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37	Electrochemical detection of aberrant methylated gene using naphthalene diimide derivative carrying four ferrocene moieties. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1858-1862.	0.8	18
38	Synthesis and DNA binding properties of bis-acridinyl derivatives containing mono- and tetra-ethylene units as a connector of bis-intercalators. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 123-127.	1.4	17
39	Cyclic Naphthalene Diimide Dimer with a Strengthened Ability to Stabilize Dimeric G-Quadruplex. <i>Chemistry - A European Journal</i> , 2019, 25, 8691-8695.	1.7	17
40	Tetrakis-acridinyl peptide: A novel fluorometric reagent for nucleic acid analysis based on the fluorescence dequenching upon DNA binding. Electronic supplementary information (ESI) available: Synthetic method and data for tetrakis-acridinyl peptide 1 and monomer 2 and spectroscopic data (7) Tj ETQq0 0 0 rGT /Overlock 10 T	1.7	16
41	Reliable ferrocenyloligonucleotide-immobilized electrodes and their application to electrochemical DNase I assay. <i>Analytica Chimica Acta</i> , 2009, 645, 30-35.	2.6	16
42	Oral Cancer Screening Based on Methylation Frequency Detection in <i>hTERT</i> Gene Using Electrochemical Hybridization Assay via a Multi-electrode Chip Coupled with Ferrocenylnaphthalene Diimide. <i>Electroanalysis</i> , 2017, 29, 1596-1601.	1.5	16
43	Cleavage of double helical DNA by Cu ²⁺ ion in the presence of bisintercalator containing penta(ethylene glycol) connector chain. <i>Journal of Molecular Recognition</i> , 1990, 3, 156-162.	1.1	15
44	Direct Detection of Single Nucleotide Polymorphism (SNP) with Genomic DNA by the Ferrocenylnaphthalene Diimide-based Electrochemical Hybridization Assay (FND-EHA).. <i>Analytical Sciences</i> , 2003, 19, 79-83.	0.8	15
45	Electrochemical assay for deoxyribonuclease I activity. <i>Analytical Biochemistry</i> , 2008, 381, 233-239.	1.1	15
46	Synthesis and DNA binding behavior of a naphthalene diimide derivative carrying two dicobalt hexacarbonyl complexes as an infrared DNA probe. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1281-1286.	0.8	14
47	Cyclic ferrocenylnaphthalene diimide derivative as a new class of G-quadruplex DNA binding ligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 329-335.	1.0	14
48	Cyclic Naphthalene Diimide with a Ferrocene Moiety as a Redox-Active Tetraplex-DNA Ligand. <i>Chemistry - A European Journal</i> , 2020, 26, 139-142.	1.7	14
49	The Interaction of Cyclic Naphthalene Diimide with G-Quadruplex under Molecular Crowding Condition. <i>Molecules</i> , 2020, 25, 668.	1.7	14
50	Discrimination of the length of double-stranded DNA fragments by the bis-intercalating ligand.. <i>Analytical Sciences</i> , 1997, 13, 177-180.	0.8	13
51	Selective immobilization of double stranded DNA on a gold surface through threading intercalation of a naphthalene diimide having dithiolane moieties. <i>Analytica Chimica Acta</i> , 2010, 665, 91-97.	2.6	13
52	Screening for Oral Cancer Using Electrochemical Telomerase Assay. <i>Electroanalysis</i> , 2016, 28, 503-507.	1.5	13
53	Detection of an Antibody to Avian Influenza Virus by an Electrochemical Immunoassay (eELISA). <i>Analytical Sciences</i> , 2008, 24, 1619-1622.	0.8	12
54	Electrochemical RNase A Detection Using an Electrode with Immobilized Ferrocenyl Deoxyribooligonucleotide Containing Cytidine Residue. <i>Electroanalysis</i> , 2013, 25, 1652-1658.	1.5	12

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55	Ferrocenylnaphthalene Diimide-Based Electrochemical Detection of Aberrant Methylation in hTERT Gene. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 869-879.	1.4	12
56	Thermodynamics and kinetic studies in the binding interaction of cyclic naphthalene diimide derivatives with double stranded DNAs. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4769-4776.	1.4	12
57	Ferrocenyl naphthalene diimides as tetraplex DNA binders. <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 21-26.	1.5	12
58	Electrochemical Sensing Performances for Uric Acid Detection on Various Amine Adlayers Used in Immobilizing Reduced Graphene Oxide. <i>Electroanalysis</i> , 2015, 27, 1159-1165.	1.5	11
59	Cyclic perylene diimide: Selective ligand for tetraplex DNA binding over double stranded DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6404-6411.	1.4	11
60	Electrochemical sensory detection of Sus scrofa mtDNA for food adulteration using hybrid ferrocenylnaphthalene diimide intercalator as a hybridization indicator. <i>RSC Advances</i> , 2020, 10, 27336-27345.	1.7	11
61	Interactions of sodium and potassium ions with oligonucleotides carrying human telomeric sequence and pyrene moieties at both termini. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9871-9881.	1.4	10
62	Discrimination of phosphorylated double stranded DNA by naphthalene diimide having zinc(II) dipicolylamine complexes. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1361-1365.	1.4	10
63	Metallization of Double-Stranded DNA Triggered by Bound Galactose-Modified Naphthalene Diimide. <i>Bioconjugate Chemistry</i> , 2014, 25, 1547-1555.	1.8	10
64	The methylation status and expression of human telomerase reverse transcriptase is significantly high in oral carcinogenesis. <i>Apmis</i> , 2017, 125, 797-807.	0.9	10
65	Immobilization of sunflower trypsin inhibitor (SFTI-1) peptide onto a gold surface and analysis of its interaction with trypsin. <i>Analyst</i> , The, 2004, 129, 888.	1.7	9
66	Electrochemical DNA Detection Using Supramolecular Interactions. <i>Analytical Sciences</i> , 2012, 28, 643-649.	0.8	9
67	Formation and Electrical Evaluation of a Single Metallized DNA Nanowire in a Nanochannel. <i>Electroanalysis</i> , 2016, 28, 1448-1454.	1.5	9
68	Electrochemical telomerase assay for screening for oral cancer. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, 301-305.	0.4	9
69	Preparation of Carbodiimide-terminated Dithiolane Self-Assembly Monolayers as a New DNA-Immobilization Method. <i>Analytical Sciences</i> , 2006, 22, 349-355.	0.8	8
70	Improving the affinity of naphthalene diimide ligand to telomeric DNA by incorporating Zn ²⁺ ions into its dipicolylamine groups. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6416-6422.	1.4	8
71	Naphthalene diimide carrying four ferrocenyl substitutes as an electrochemical indicator of tetraplex DNA aiming at cancer diagnosis. <i>Journal of Organometallic Chemistry</i> , 2019, 897, 107-113.	0.8	8
72	Synthesis of a 9- ϵ -acridinyl nonapeptide containing the DNA recognizing region of 434 phage repressor protein. <i>Journal of Heterocyclic Chemistry</i> , 1996, 33, 2043-2046.	1.4	7

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73	DNA binding behavior of peptides carrying acridinyl units: First example of effective poly-intercalation. <i>Nucleic Acids Symposium Series</i> , 2001, 1, 163-164.	0.3	7
74	Pseudo-polyferrocene Coating of Double Stranded DNA with Ferrocenylnaphthalene Diimide and Its Application for Electrochemical Gene Detection. <i>Polymer Journal</i> , 2004, 36, 503-512.	1.3	7
75	Electrochemical Detection of Duplex DNA Using Intercalation-Triggered Decomplexation of Ferrocene with β -Cyclodextrin. <i>Electroanalysis</i> , 2013, 25, 1827-1830.	1.5	7
76	Development of a Membrane-based Microwave-mediated Electrochemical ELISA Method for TNF- α Detection in Patients with Periodontitis. <i>Analytical Sciences</i> , 2013, 29, 927-930.	0.8	7
77	Cooperative Binding of Ferrocenylnaphthalene Diimide Carrying β -Cyclodextrin Converts Double-Stranded DNA to a Rod-Like Structure. <i>Bioconjugate Chemistry</i> , 2015, 26, 379-382.	1.8	7
78	Synthesis of a Peptide-Human Telomere DNA Conjugate as a Fluorometric Imaging Reagent for Biological Sodium Ion. <i>Analytical Sciences</i> , 2019, 35, 85-90.	0.8	7
79	A reversed-phase intercalator column for high performance liquid chromatographic separation of oligonucleotides.. <i>Analytical Sciences</i> , 1988, 4, 371-376.	0.8	6
80	DNA-BINDING BEHAVIOR OF VIOLOGEN-CONTAINING, ELECTROCHEMICALLY ACTIVE INTERCALATORS. <i>Analytical Sciences</i> , 1991, 7, 1385-1386.	0.8	6
81	SNP analysis by using ferrocenyl naphthalene diimide (FND)-based electrochemical hybridization assay (EHA). <i>Nucleic Acids Symposium Series</i> , 2003, 3, 169-170.	0.3	6
82	Ferrocenylnaphthalene Diimide-based Electrochemical Ribonuclease Assay. <i>Analytical Sciences</i> , 2007, 23, 1415-1419.	0.8	6
83	Membrane-Based Microwave-Mediated Electrochemical Immunoassay for the In Vitro, Highly Sensitive Detection of Osteoporosis-Related Biomarkers. <i>Sensors</i> , 2018, 18, 2933.	2.1	6
84	Application of naphthalene diimide in biotechnology. <i>Polymer Journal</i> , 2021, 53, 415-427.	1.3	6
85	Specific Metallization of Double-Stranded DNA Using Reducing Group-Labeled Intercalator. <i>IEEJ Transactions on Sensors and Micromachines</i> , 2016, 136, 425-431.	0.0	6
86	Sequence-selective separation of oligonucleotides and DNA fragments by using polyethyleneglycol-bound intercalators.. <i>Analytical Sciences</i> , 1987, 3, 557-560.	0.8	5
87	Novel DNA Interacting Molecules with Potentially Two Mode Binding Ability.. <i>Analytical Sciences</i> , 1997, 13, 457-460.	0.8	5
88	Immobilization of RNase S-Peptide on a single-stranded DNA-fixed gold surface and effective masking of its surface by an acridinyl poly(ethylene glycol). <i>Analyst</i> , The, 2006, 131, 55-61.	1.7	5
89	Isotachophoretic examination of interaction of intercalators with ribodinucleoside monophosphates.. <i>Analytical Sciences</i> , 1988, 4, 251-254.	0.8	4
90	Involvement of Nucleic Bases in the Quenching of the Fluorescence of Acridine by Methylviologen. <i>Supramolecular Chemistry</i> , 1998, 9, 47-56.	1.5	4

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91	Gene Detection Based on the Tetrakis-acridinyl Peptide (TAP) Cassette. <i>Chemistry Letters</i> , 2004, 33, 1550-1551.	0.7	4
92	Genotyping of the Human Lipoprotein Lipase Gene by Ferrocenylnaphthalene Diimide-based Electrochemical Hybridization Assay. <i>Analytical Sciences</i> , 2005, 21, 1437-1441.	0.8	4
93	Detection of Tetraplex DNA and Detection by Tetraplex DNA. <i>Analytical Sciences</i> , 2021, 37, 9-15.	0.8	4
94	Novel synthesis of a tetra-acridinyl peptide as a new DNA polyintercalator. <i>Nucleic Acids Symposium Series</i> , 2000, 44, 133-134.	0.3	3
95	BASE MUTATION ANALYSIS BY A FERROCENYL NAPHTHALENE DIIMIDE DERIVATIVE. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 1429-1432.	0.4	3
96	An anthracene derivative carrying ferrocenyl moieties at its 9 and 10 positions as a new electrochemically active threading intercalator. <i>Nucleic Acids Symposium Series</i> , 2002, 2, 291-292.	0.3	3
97	Fluorescence Energy Transfer Study of Interstrand DNA Cross-linking Caused by Rigid Bisintercalator. <i>Supramolecular Chemistry</i> , 2002, 14, 477-485.	1.5	3
98	Naphthalene Diimide Carrying Two Cysteine Termini at Both Imide Linkers as a Molecular Staple. <i>Electroanalysis</i> , 2013, 25, 1831-1839.	1.5	3
99	Water-soluble porphyrinoids as G-quadruplex binders and telomerase inhibitors. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1041-1048.	0.4	3
100	Substituent effects of cyclic naphthalene diimide on G-quadruplex binding and the inhibition of cancer cell growth. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 50, 128323.	1.0	3
101	Cyclic ferrocenylnaphthalene diimides as a probe for electrochemical telomerase assay. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111746.	1.5	3
102	Simple Characterization of DNA Intercalators by Retarded Gel Electrophoresis. <i>Analytical Sciences</i> , 1988, 4, 481-486.	0.8	2
103	Intercalator-Induced Gel-Electrophoretic Retardation of Synthetic Double-Stranded Oligonucleotides and Comigration of Intercalators. <i>Analytical Sciences</i> , 1990, 6, 139-141.	0.8	2
104	Ion-Pair Extraction by Use of Liquid Crystals as Extracting Solvent. <i>Analytical Sciences</i> , 1990, 6, 283-286.	0.8	2
105	Development of a High-Performance Liquid Chromatographic Gel Carrying Intercalator-Like Benzoates for Analysis of Oligonucleotides.. <i>Analytical Sciences</i> , 1992, 8, 151-156.	0.8	2
106	Separation, Detection, and Functional Materials. Synthetic threading intercalators as a new analytical probe for nucleic acid and gene detection.. <i>Bunseki Kagaku</i> , 1999, 48, 1095-1105.	0.1	2
107	Development of a novel genosensor based on ferrocenyl oligonucleotides. <i>Nucleic Acids Symposium Series</i> , 2003, 3, 43-44.	0.3	2
108	Tetrakis-acridinyl peptide: Distance dependence of photoinduced electron transfer in deoxyribonucleic acid assemblies. <i>Analytica Chimica Acta</i> , 2006, 578, 88-92.	2.6	2

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109	Electrochemical RNase detection using ferrocenylnaphthalene diimide. Nucleic Acids Symposium Series, 2007, 51, 323-324.	0.3	2
110	Control of the DNA-Binding Specificity of 9,10-Anthraquinone by the Nature and Positions of Substituents. Supramolecular Chemistry, 1998, 9, 69-73.	1.5	1
111	Electrochemical Detection of DNA with Small Molecules. , 0, , 224-246.		1
112	Fluoreometric behavior of a novel bis-acridine orange bound to double stranded DNA. Nucleic Acids Symposium Series, 2003, 3, 151-152.	0.3	1
113	Thrombin-Induced Sensitivity Enhancement in Impedometric Detection of Hg ²⁺ Ion. Bulletin of the Korean Chemical Society, 2015, 36, 1285-1288.	1.0	1
114	Electrochemical Aberrant Methylation Detection Based on Ferrocenyl Naphthalene Diimide Carrying β -Cyclodextrin, FNC. Electroanalysis, 2019, 31, 1988-1993.	1.5	1
115	Telomerase as Biomarker for Oral Cancer. Biomarkers in Disease, 2015, , 753-770.	0.0	1
116	Replication Control of Human Telomere G-Quadruplex DNA by G-Quadruplex Ligands Dependent on Solution Environment. Life, 2022, 12, 553.	1.1	1
117	é†é»æ¥µă,šă«â»â@šă-ă,Ĉăÿè-é»ăfšăf—ăfăf%ă@é»æ°—ăĈ-ă-čš,,ăšæăă†°. Bunseki Kagaku, 2002, 51, 911-914		0
118	Supramolecular Assembly of Fullerene Derivatives in the Absence or Presence of Double Stranded DNA in Water. Bunseki Kagaku, 2005, 54, 449-454.	0.1	0
119	Genosensors Based on Metal Complexes. , 2006, , 303-319.		0
120	Isomerization of DNA-bound Distilbazolium Ligand Induced by Electron Transfer from Photoexcited Tris(1,10-phenanthroline)Ru(II)â€†. Photochemistry and Photobiology, 2001, 74, 391-400.	1.3	0
121	Electrochemical Diagnosis for Tongue Cancer : Telomerase Assay Based on Ferrocenylnaphthalene Diimide and Disposable Electrode Chips. Bunseki Kagaku, 2012, 61, 243-250.	0.1	0
122	Supramolecular Assembly for Electrochemical Gene Detection. Bunseki Kagaku, 2013, 62, 627-635.	0.1	0
123	Electrochemical telomerase assay for oral cancer screening. , 2014, , .		0
124	Synthesis of Fluorescent Potassium Ion-Sensing Probes Based on a Thrombin-Binding DNA Aptamer-Peptide Conjugate. Current Protocols in Nucleic Acid Chemistry, 2015, 62, 8.9.1-8.9.9.	0.5	0
125	DNA methylation detection based on difference of base content. Journal of Physics: Conference Series, 2016, 704, 012015.	0.3	0
126	Electrochemical Hybridization Assay for Methylation Detection of the hTERT Gene Connected with Oral Cancer Screening. Bunseki Kagaku, 2017, 66, 437-443.	0.1	0

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127	Recent Development for Tetraplex DNA Organometallic Ligands. , 2019, , 265-276.		0
128	An Electrochemical Protease Assay Using Ferrocenylpeptide for Screening of Periodontal Disease. Bunseki Kagaku, 2021, 70, 199-206.	0.1	0
129	Telomerase as Biomarker for Oral Cancer. , 2014, , 1-15.		0
130	Modified naphthalene diimide as a suitable tetraplex DNA ligand: application to cancer diagnosis and anti-cancer drug. , 2017, , .		0
131	Development of Self-screening System for Oral Cancer. Japanese Journal of Oral Diagnosis / Oral Medicine, 2019, 32, 191-196.	0.0	0
132	Naphthalene Diimides Carrying Two β -Cyclodextrins Prefer Telomere RNA G-Quadruplex Recognition. Molecules, 2022, 27, 4053.	1.7	0
133	Fluorescence Imaging of Extracellular Potassium Ion Using Potassium Sensing Oligonucleotide. Frontiers in Chemistry, 0, 10, .	1.8	0