

Shigeori Takenaka

List of Publications by Year in descending order

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docs citations

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times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic ferrocenylnaphthalene diimides as a probe for electrochemical telomerase assay. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111746.	1.5	3
2	Replication Control of Human Telomere G-Quadruplex DNA by G-Quadruplex Ligands Dependent on Solution Environment. <i>Life</i> , 2022, 12, 553.	1.1	1
3	Naphthalene Diimides Carrying Two β -Cyclodextrins Prefer Telomere RNA G-Quadruplex Recognition. <i>Molecules</i> , 2022, 27, 4053.	1.7	0
4	Application of naphthalene diimide in biotechnology. <i>Polymer Journal</i> , 2021, 53, 415-427.	1.3	6
5	Detection of Tetraplex DNA and Detection by Tetraplex DNA. <i>Analytical Sciences</i> , 2021, 37, 9-15.	0.8	4
6	An Electrochemical Protease Assay Using Ferrocenylpeptide for Screening of Periodontal Disease. <i>Bunseki Kagaku</i> , 2021, 70, 199-206.	0.1	0
7	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
8	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
9	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
10	Electrochemical sensory detection of <i>Sus scrofa</i> mtDNA for food adulteration using hybrid ferrocenylnaphthalene diimide intercalator as a hybridization indicator. <i>RSC Advances</i> , 2020, 10, 27336-27345.	1.7	11
11	The Interaction of Cyclic Naphthalene Diimide with G-Quadruplex under Molecular Crowding Condition. <i>Molecules</i> , 2020, 25, 668.	1.7	14
12	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
13	Electrochemical Aberrant Methylation Detection Based on Ferrocenyl Naphthalene Diimide Carrying β -Cyclodextrin. <i>FNC. Electroanalysis</i> , 2019, 31, 1988-1993.	1.5	1
14	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
15	Recent Development for Tetraplex DNA Organometallic Ligands. , 2019, , 265-276.		0
16	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
17	Development of Self-screening System for Oral Cancer. <i>Japanese Journal of Oral Diagnosis / Oral Medicine</i> , 2019, 32, 191-196.	0.0	0
18	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

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19	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
20	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
21	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
22	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
23	Ferrocenyl naphthalene diimides as tetraplex DNA binders. <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 21-26.	1.5	12
24	Electrochemical Hybridization Assay for Methylation Detection of the <i>hTERT</i> Gene Connected with Oral Cancer Screening. <i>Bunseki Kagaku</i> , 2017, 66, 437-443.	0.1	0
25	Modified naphthalene diimide as a suitable tetraplex DNA ligand: application to cancer diagnosis and anti-cancer drug. , 2017, , .		0
26	Formation and Electrical Evaluation of a Single Metallized DNA Nanowire in a Nanochannel. <i>Electroanalysis</i> , 2016, 28, 1448-1454.	1.5	9
27	DNA methylation detection based on difference of DNA base content. <i>Journal of Physics: Conference Series</i> , 2016, 704, 012015.	0.3	0
28	Screening for Oral Cancer Using Electrochemical Telomerase Assay. <i>Electroanalysis</i> , 2016, 28, 503-507.	1.5	13
29	Water-soluble porphyrinoids as G-quadruplex binders and telomerase inhibitors. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1041-1048.	0.4	3
30	Electrochemical telomerase assay for screening for oral cancer. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, 301-305.	0.4	9
31	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
32	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
33	Thrombin-induced Sensitivity Enhancement in Impedometric Detection of Hg^{2+} Ion. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1285-1288.	1.0	1
34	Synthesis of Fluorescent Potassium Ion-sensing Probes Based on a Thrombin-binding DNA Aptamer-peptide Conjugate. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2015, 62, 8.9.1-8.9.9.	0.5	0
35	A Selective G-Quadruplex DNA-Stabilizing Ligand Based on a Cyclic Naphthalene Diimide Derivative. <i>Molecules</i> , 2015, 20, 10963-10979.	1.7	35
36	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

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37	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
38	Telomerase as Biomarker for Oral Cancer. <i>Biomarkers in Disease</i> , 2015, , 753-770.	0.0	1
39	Highly Sensitive Nuclease Assays Based on Chemically Modified DNA or RNA. <i>Sensors</i> , 2014, 14, 12437-12450.	2.1	24
40	Electrochemical telomerase assay for oral cancer screening. , 2014, , .		0
41	Design of tetraplex specific ligands: cyclic naphthalene diimide. <i>Chemical Communications</i> , 2014, 50, 5967-5969.	2.2	38
42	Metallization of Double-Stranded DNA Triggered by Bound Galactose-Modified Naphthalene Diimide. <i>Bioconjugate Chemistry</i> , 2014, 25, 1547-1555.	1.8	10
43	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
44	Ferrocenylnaphthalene Diimide-Based Electrochemical Detection of Aberrant Methylation in hTERT Gene. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 869-879.	1.4	12
45	Telomerase as Biomarker for Oral Cancer. , 2014, , 1-15.		0
46	Oral Cancer Diagnosis via a Ferrocenylnaphthalene Diimide-Based Electrochemical Telomerase Assay. <i>Clinical Chemistry</i> , 2013, 59, 289-295.	1.5	36
47	Electrochemical RNase A Detection Using an Electrode with Immobilized Ferrocenyl Deoxyribooligonucleotide Containing Cytidine Residue. <i>Electroanalysis</i> , 2013, 25, 1652-1658.	1.5	12
48	Electrochemical Detection of Duplex DNA Using Intercalation-Triggered Decomplexation of Ferrocene with β -Cyclodextrin. <i>Electroanalysis</i> , 2013, 25, 1827-1830.	1.5	7
49	Naphthalene Diimide Carrying Two Cysteine Termini at Both Imide Linkers as a Molecular Staple. <i>Electroanalysis</i> , 2013, 25, 1831-1839.	1.5	3
50	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
51	Supramolecular Assembly for Electrochemical Gene Detection. <i>Bunseki Kagaku</i> , 2013, 62, 627-635.	0.1	0
52	Electrochemical DNA Detection Using Supramolecular Interactions. <i>Analytical Sciences</i> , 2012, 28, 643-649.	0.8	9
53	Electrochemical Diagnosis for Tongue Cancer : Telomerase Assay Based on Ferrocenylnaphthalene Diimide and Disposable Electrode Chips. <i>Bunseki Kagaku</i> , 2012, 61, 243-250.	0.1	0
54	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

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55	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
56	PCR-Free Telomerase Assay Using Chronocoulometry Coupled with Hexaammineruthenium(III) Chloride. <i>Analytical Chemistry</i> , 2012, 84, 1772-1775.	3.2	47
57	Fluorescence imaging of potassium ions in living cells using a fluorescent probe based on a thrombin binding aptamer-peptide conjugate. <i>Chemical Communications</i> , 2012, 48, 4740.	2.2	37
58	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
59	Fluorescence Detection of Potassium Ion Using the G-Quadruplex Structure. <i>Analytical Sciences</i> , 2011, 27, 1167-1172.	0.8	39
60	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
61	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
62	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
63	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
64	Electrochemical assay of plasmin activity and its kinetic analysis. <i>Analytical Biochemistry</i> , 2009, 385, 293-299.	1.1	36
65	Reliable ferrocenyloligonucleotide-immobilized electrodes and their application to electrochemical DNase I assay. <i>Analytica Chimica Acta</i> , 2009, 645, 30-35.	2.6	16
66	Linker effect of ferrocenyl naphthalene diimide ligands in the interaction with double stranded DNA. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1177-1185.	0.8	41
67	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
68	Electrochemical assay for deoxyribonuclease I activity. <i>Analytical Biochemistry</i> , 2008, 381, 233-239.	1.1	15
69	Detection of an Antibody to Avian Influenza Virus by an Electrochemical Immunoassay (eELISA). <i>Analytical Sciences</i> , 2008, 24, 1619-1622.	0.8	12
70	Electrochemical RNase detection using ferrocenyl naphthalene diimide. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 323-324.	0.3	2
71	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
72	Ferrocenyl naphthalene Diimide-based Electrochemical Ribonuclease Assay. <i>Analytical Sciences</i> , 2007, 23, 1415-1419.	0.8	6

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73	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
74	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
75	Genosensors Based on Metal Complexes. , 2006, , 303-319.		0
76	Fluorescence Resonance Energy Transfer in the Studies of Guanine Quadruplexes. , 2006, 335, 311-342.		23
77	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
78	Ferrocenylnaphthalene diimide-based electrochemical detection of methylated gene. <i>Analytica Chimica Acta</i> , 2006, 578, 82-87.	2.6	33
79	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
80	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
81	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
82	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
83	Supramolecular Assembly of Fullerene Derivatives in the Absence or Presence of Double Stranded DNA in Water. <i>Bunseki Kagaku</i> , 2005, 54, 449-454.	0.1	0
84	Synthesis of ferrocenylcarbodiimide as a convenient electrochemically active labeling reagent for nucleic acids. <i>Tetrahedron</i> , 2005, 61, 11705-11715.	1.0	23
85	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
86	Supramolecular Complex Formation by β -Cyclodextrin and Ferrocenylnaphthalene Diimide-intercalated Double Stranded DNA and Improved Electrochemical Gene Detection. <i>Molecules</i> , 2005, 10, 693-707.	1.7	38
87	Electrochemical Telomerase Assay with Ferrocenylnaphthalene Diimide as a Tetraplex DNA-Specific Binder. <i>Analytical Chemistry</i> , 2005, 77, 7304-7309.	3.2	79
88	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
89	A novel method of identifying genetic mutations using an electrochemical DNA array. <i>Nucleic Acids Research</i> , 2004, 32, e141-e141.	6.5	39
90	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

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91	Immobilization of sunflower trypsin inhibitor (SFTI-1) peptide onto a gold surface and analysis of its interaction with trypsin. <i>Analyst, The</i> , 2004, 129, 888.	1.7	9
92	Gene Detection Based on the Tetrakis-acridinyl Peptide (TAP) Cassette. <i>Chemistry Letters</i> , 2004, 33, 1550-1551.	0.7	4
93	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
94	Development of a novel genosensor based on ferrocenyl oligonucleotides. <i>Nucleic Acids Symposium Series</i> , 2003, 3, 43-44.	0.3	2
95	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
96	Fluoreometric behavior of a novel bis-acridine orange bound to double stranded DNA. <i>Nucleic Acids Symposium Series</i> , 2003, 3, 151-152.	0.3	1
97	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
98	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
99	é†'é»æ¥µă,Šă«â°â°šă•ă,CEăÿè•é»ăfšăf—ăfăf%ă°é»æ°—ăCE—ă†çš,,ă°æœă†°. <i>Bunseki Kagaku</i> , 2002, 51, 911-914		0
100	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
101	A Novel Potassium Sensing in Aqueous Media with a Synthetic Oligonucleotide Derivative. Fluorescence Resonance Energy Transfer Associated with Guanine Quartetâ~Potassium Ion Complex Formation. <i>Journal of the American Chemical Society</i> , 2002, 124, 14286-14287.	6.6	316
102	Tetrakis-acridinyl peptide: A novel fluorometric reagent for nucleic acid analysis based on the fluorescence dequenching upon DNA bindingElectronic supplementary information (ESI) available: Synthetic method and data for tetrakis-acridinyl peptide 1 and monomer 2 and spectroscopic data (7) Tj ETQq0 0 0†gBT /Overlock 10 T	1.7	16
103	Fluorescence Energy Transfer Study of Interstrand DNA Cross-linking Caused by Rigid Bisintercalator. <i>Supramolecular Chemistry</i> , 2002, 14, 477-485.	1.5	3
104	Electrochemical analysis of single nucleotide polymorphisms of p53 gene. <i>Talanta</i> , 2002, 56, 829-835.	2.9	47
105	Electrochemical Detection of Nucleic Base Mismatches with Ferrocenyl Naphthalene Diimide. <i>Analytical Biochemistry</i> , 2002, 306, 188-196.	1.1	50
106	Visualization of DNA microarrays by scanning electrochemical microscopy (SECM). <i>Analyst, The</i> , 2001, 126, 1210-1211.	1.7	57
107	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
108	Ferrocenyl naphthalene diimide can bind to DNAâ•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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109	BASE MUTATION ANALYSIS BY A FERROCENYL NAPHTHALENE DIIMIDE DERIVATIVE. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2001, 20, 1429-1432.	0.4	3
110	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
111	Isomerization of DNA-bound Distilbazolium Ligand Induced by Electron Transfer from Photoexcited Tris(1,10-phenanthroline)Ru(II). <i>Photochemistry and Photobiology</i> , 2001, 74, 391-400.	1.3	0
112	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
113	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
114	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
115	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
116	Control of the DNA-Binding Specificity of 9,10-Anthraquinone by the Nature and Positions of Substituents. <i>Supramolecular Chemistry</i> , 1998, 9, 69-73.	1.5	1
117	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
118	Novel DNA Interacting Molecules with Potentially Two Mode Binding Ability.. <i>Analytical Sciences</i> , 1997, 13, 457-460.	0.8	5
119	Synthesis and DNA binding properties of bis-acridinyl derivatives containing mono- and tetra-viologen units as a connector of bis-intercalators. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 123-127.	1.4	17
120	Synthesis of a 9-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
121	Ferrocene-oligonucleotide conjugates for electrochemical probing of DNA. <i>Nucleic Acids Research</i> , 1996, 24, 4273-4280.	6.5	157
122	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
123	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
124	DNA-BINDING BEHAVIOR OF VIOLOGEN-CONTAINING, ELECTROCHEMICALLY ACTIVE INTERCALATORS. <i>Analytical Sciences</i> , 1991, 7, 1385-1386.	0.8	6
125	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
126	Ion-Pair Extraction by Use of Liquid Crystals as Extracting Solvent. <i>Analytical Sciences</i> , 1990, 6, 283-286.	0.8	2

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127	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
128	Simple Characterization of DNA Intercalators by Retarded Gel Electrophoresis. <i>Analytical Sciences</i> , 1988, 4, 481-486.	0.8	2
129	Isotachophoretic examination of interaction of intercalators with ribodinucleoside monophosphates.. <i>Analytical Sciences</i> , 1988, 4, 251-254.	0.8	4
130	A reversed-phase intercalator column for high performance liquid chromatographic separation of oligonucleotides.. <i>Analytical Sciences</i> , 1988, 4, 371-376.	0.8	6
131	Sequence-selective separation of oligonucleotides and DNA fragments by using polyethyleneglycol-bound intercalators.. <i>Analytical Sciences</i> , 1987, 3, 557-560.	0.8	5
132	Electrochemical Detection of DNA with Small Molecules. , 0, , 224-246.		1
133	Fluorescence Imaging of Extracellular Potassium Ion Using Potassium Sensing Oligonucleotide. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	0