

Kotaro Morita

List of Publications by Year in descending order

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40
papers

715
citations

516710

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526287

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docs citations

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times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of substituent modifications on the binding of 2-amino-1,8-naphthyridines to cytosine opposite an AP site in DNA duplexes: thermodynamic characterization. <i>Nucleic Acids Research</i> , 2009, 37, 1411-1422.	14.5	78
2	Electrochemical modification of benzo-15-crown-5 ether on a glassy carbon electrode for alkali metal cation recognition. <i>Journal of Electroanalytical Chemistry</i> , 2004, 563, 249-255.	3.8	66
3	Label-free aptamer-based sensor using abasic site-containing DNA and a nucleobase-specific fluorescent ligand. <i>Chemical Communications</i> , 2009, , 6445.	4.1	58
4	Synergistic Effect of 18-Crown-6 Derivatives on Chelate Extraction of Lanthanoids(III) into an Ionic Liquid with 2-Thenoyltrifluoroacetone. <i>Analytical Sciences</i> , 2010, 26, 607-611.	1.6	56
5	Conversion of thioureas to fluorescent isothiuronium-based photoinduced electron transfer sensors for oxoanion sensing. <i>Perkin Transactions II RSC</i> , 2002, , 866-870.	1.1	38
6	Highly Selective Synergism for the Extraction of Lanthanoid(III) Ions with β^2 -Diketones and Trioctylphosphine Oxide in an Ionic Liquid. <i>Analytical Sciences</i> , 2014, 30, 323-325.	1.6	33
7	Longitudinal diffusion behavior of hemicyanine dyes across phospholipid vesicle membranes as studied by second-harmonic generation and fluorescence spectroscopies. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 627-632.	3.7	32
8	Small-Molecule Binding at an Abasic Site of DNA: Strong Binding of Lumiflavin for Improved Recognition of Thymine-Related Single Nucleotide Polymorphisms. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1522-1529.	2.6	32
9	Diffusion of Metal Complexes Inside of Silica-Surfactant Nanochannels within a Porous Alumina Membrane. <i>Journal of Physical Chemistry B</i> , 2008, 112, 2024-2030.	2.6	28
10	Diffusivities of Tris(2,2'-bipyridyl)ruthenium inside Silica-Nanochannels Modified with Alkylsilanes. <i>Analytical Sciences</i> , 2006, 22, 1501-1507.	1.6	25
11	Grafting of phenylboronic acid on a glassy carbon electrode and its application as a reagentless glucose sensor. <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 192-197.	3.8	24
12	Template Synthesis of Arrays of One-dimensional Gold Nanowires Standing on a Carbon Film. <i>Chemistry Letters</i> , 2006, 35, 1352-1353.	1.3	22
13	Electrochemical synthesis of Au/polyaniline-poly(4-styrenesulfonate) hybrid nanoarray for sensitive biosensor design. <i>Electrochemistry Communications</i> , 2008, 10, 1090-1093.	4.7	22
14	Extraction mechanisms of charged organic dye molecules into silica-surfactant nanochannels in a porous alumina membrane. <i>Analytica Chimica Acta</i> , 2006, 556, 157-163.	5.4	21
15	Spectroelectrochemical Characterization of Dendrimer-Porphyrin Associates at Polarized Liquid Liquid Interfaces. <i>Langmuir</i> , 2014, 30, 937-945.	3.5	20
16	Fluorescence and electrochemical detection of pyrimidine/purinetransversion by a ferrocenyl aminonaphthyridine derivative. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 266-268.	2.8	19
17	An 8-sulfonamidoquinoline derivative with imidazolium unit as an extraction reagent for use in ionic liquid chelate extraction systems. <i>Analytica Chimica Acta</i> , 2010, 680, 21-25.	5.4	15
18	Electrochemical SNPs detection using an abasic site-containing DNA on a gold electrode. <i>Chemical Communications</i> , 2006, , 2376.	4.1	14

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19	Extraction of Cu(II) with Dioctyldithiocarbamate and a Kinetic Study of the Extraction Using a Two-Phase Microflow System. <i>Solvent Extraction Research and Development</i> , 2010, 17, 209-214.	0.4	14
20	Abasic site-based DNA aptamers for analytical applications. <i>Supramolecular Chemistry</i> , 2010, 22, 467-476.	1.2	12
21	Electrochemical detection at low temperature for a specific nucleobase of target nucleic acids by an abasic site-containing DNA binding ligand. <i>Electrochemistry Communications</i> , 2006, 8, 395-398.	4.7	10
22	Potential-Dependent Adsorption and Orientation of <i>meso</i> -Substituted Porphyrins at Liquid Liquid Interfaces Studied by Polarization-Modulation Total Internal Reflection Fluorescence Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 7248-7255.	3.1	10
23	Distribution Equilibria of Amphoteric 8-Quinolinol between 1-Alkyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imide and Aqueous Phases and Their Effect on Ionic Liquid Chelate Extraction Behavior of Iron(III). <i>Analytical Sciences</i> , 2017, 33, 1447-1451.	1.6	10
24	Formation of Minimal Third Phase in Ionic Liquid Extraction System with Trioctylphosphine Oxide and Its Possible Application to Extraction Concentration. <i>Analytical Sciences</i> , 2018, 34, 1063-1065.	1.6	10
25	Sequence dependence of cytochrome c electrochemistry on DNA modified electrodes: Effect of hydrogen bonding of a ligand to nucleobases opposite an abasic site. <i>Electrochemistry Communications</i> , 2008, 10, 438-442.	4.7	9
26	Photoluminescent Detection of Nitrite with Carbon Nanodots Prepared by Microwave-assisted Synthesis. <i>Analytical Sciences</i> , 2015, 31, 481-485.	1.6	6
27	Ionic Liquid Chelate Extraction Behavior of Trivalent Group 13 Metals into 1-Alkyl-3-methylimidazolium Bis(trifluoromethanesulfonyl)imides Using 8-Quinolinol as Chelating Extractant. <i>Analytical Sciences</i> , 2019, 35, 1003-1007.	1.6	6
28	Mutual Separation of Fe(II) and Fe(III) Using Cyclohexane/Water/Ionic-liquid Triphasic Extraction System with 2,2'-Bipyridine and Tri- <i>n</i> -octylphosphine Oxide. <i>Analytical Sciences</i> , 2020, 36, 1387-1391.	1.6	5
29	Synergistic Ion-pair Extraction of Strontium Ion with Tri- <i>n</i> -octylphosphine Oxide and Dicyclohexano-18-crown-6. <i>Analytical Sciences</i> , 2016, 32, 1367-1370.	1.6	4
30	Electrocatalytic Reduction of Free Chlorine at an N,N-Diethylaniline-grafted Carbon Electrode for Improved Sensitivity in Amperometric Detection. <i>Analytical Sciences</i> , 2017, 33, 5-7.	1.6	4
31	Effect of the Elemental Composition of Precursors from Amino Acids and Their Binary Mixtures on the Photoluminescent Intensity of Carbon Nanodots. <i>Analytical Sciences</i> , 2017, 33, 1461-1464.	1.6	3
32	Effect of Organic Cations and Solvents on the Ion-Pair Extraction of Boric Acid with Salicyl Alcohol. <i>Solvent Extraction Research and Development</i> , 2011, 18, 199-203.	0.4	2
33	Synergistic Ion-pair Extraction and Separation of Trivalent Lanthanoid Ions with 4-Isopropyltropolone and 1,10-Phenanthroline into <i>o</i> -Dichlorobenzene. <i>Analytical Sciences</i> , 2020, 36, 479-484.	1.6	2
34	Capillary Electrophoretic Characterization of Carbon Nanodots Prepared from Glutamic Acid in an Electric Furnace. <i>Chromatography</i> , 2020, 41, 103-107.	1.7	2
35	Adsorption of 5'-Thiolated DNA on a Gold Electrode Surface as Studied by a Quartz Crystal Microbalance and Electrochemical Measurements. <i>Bunseki Kagaku</i> , 2005, 54, 555-559.	0.2	1
36	Valence Discriminative Detection of Metal Cations by a Chromotropic Acid-grafted Glassy Carbon Electrode. <i>Analytical Sciences</i> , 2013, 29, 95-99.	1.6	1

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37	Capillary Electrophoretic Characterization of Water-soluble Carbon Nanodots Formed from Glutamic Acid and Boric Acid under Microwave Irradiation. <i>Analytical Sciences</i> , 2020, 36, 941-946.	1.6	1
38	An absorption spectrophotometer compatible paper-based thin-layer cuvette with an integrated pneumatic pump. <i>Analytical Methods</i> , 2021, 13, 4858-4863.	2.7	0
39	The Extraction of Copper(I) Ions with Heterocyclic Bidentate Amines in the Presence of Glutathione. <i>Solvent Extraction Research and Development</i> , 2014, 21, 1-7.	0.4	0
40	Extraction Behavior of Metal-Thiocyanato Complexes into Third Phase Formed in an Ionic Liquid Extraction System Using Trioctylphosphine Oxide. <i>Solvent Extraction Research and Development</i> , 2022, 29, 61-66.	0.4	0