

Kiyoko Takamura

List of Publications by Year in descending order

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papers

940
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687363

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454955

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56
all docs

56
docs citations

56
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxo[5, 10, 15, 20-tetra(4-pyridyl)porphyrinato]titanium(IV): an ultra-high sensitivity spectrophotometric reagent for hydrogen peroxide. <i>Analyst</i> , The, 1992, 117, 1781.	3.5	401
2	A spectrophotometric method for the determination of free fatty acid in serum using acyl-coenzyme A synthetase and acyl-coenzyme A oxidase. <i>Analytical Biochemistry</i> , 1983, 130, 128-133.	2.4	95
3	Extraction of Iron(II)-Tris(1,10-phenanthroline) Chelate into the Polymer Phase Formed from an Aqueous Solution of Poly(N-isopropylacrylamide). <i>Analytical Sciences</i> , 1997, 13, 1-4.	1.6	41
4	Voltammetric Determination of Acid Values of Fats and Oils. <i>Journal of AOAC INTERNATIONAL</i> , 1994, 77, 1686-1688.	1.5	32
5	Versatility of the Titanium(IV)-Porphyrin Reagent for Determining Hydrogen Peroxide. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1873-1888.	3.2	31
6	Reaction Specificity of a Titanium(IV)-Porphyrin Complex to Hydrogen Peroxide in View of an Ab Initio Study. <i>Analytical Sciences</i> , 2008, 24, 401-404.	1.6	19
7	A new spectrophotometric method for the determination of trace of hydrogen peroxide by the titanium (IV)-4-(2-pyridylazo)-resorcinol reagent. <i>Bunseki Kagaku</i> , 1980, 29, 759-764.	0.2	18
8	Flow-injection analysis for hydrogen peroxide using a titanium(IV)-porphyrin complex.. <i>Bunseki Kagaku</i> , 1993, 42, 363-367.	0.2	16
9	Determination of Acidity of Coffee by Flow Injection Analysis with Electrochemical Detection. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 2124-2127.	5.2	16
10	ELECTRICAL POTENTIAL OSCILLATION ACROSS A LIQUID MEMBRANE OF WATER-OCTANOL-WATER SYSTEM. <i>Analytical Sciences</i> , 1991, 7, 599-600.	1.6	15
11	Determination of the Total Acid Content in Wine Based on the Voltammetric Reduction of Quinone. <i>Electroanalysis</i> , 2001, 13, 404-407.	2.9	15
12	Determination of the Free Fatty Acid Content in Fats and Oils by Flow Injection Analysis with Electrochemical Detection.. <i>Analytical Sciences</i> , 1995, 11, 979-982.	1.6	14
13	Trace Analysis of Human Skin Secretions by Surface-Enhanced Infrared Spectroscopy: Detection of Lactate. <i>Analytical Sciences</i> , 1993, 9, 811-815.	1.6	13
14	Preconcentration using a poly(vinylmethylether) for the determination of polycyclic aromatic hydrocarbons in air.. <i>Bunseki Kagaku</i> , 1995, 44, 311-312.	0.2	13
15	Characterization of a titanium(IV)-porphyrin complex as a highly sensitive and selective reagent for the determination of hydrogen peroxide: a computational chemistry approach and a critical review. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 951-961.	3.7	13
16	Extraction/spectrophotometric determination of drugs of quaternary ammonium salts based on ion association between an anionic dye and quaternary ammonium ions.. <i>Bunseki Kagaku</i> , 1996, 45, 783-787.	0.2	12
17	Collection of chemical substances in water using a thermally reversible polymer.. <i>Bunseki Kagaku</i> , 1997, 46, 59-62.	0.2	12
18	Coloured species formed from the titanium(IV)-4-(2-pyridylazo)resorcinol reagent in the spectrophotometric determination of trace amounts of hydrogen peroxide. <i>Journal of the Chemical Society Dalton Transactions</i> , 1985, , 81-84.	1.1	11

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19	Simple spectrophotometric determination of trace arsenate, arsenite and phosphate in water; Preconcentration of heteropolyacid-Malachite Green aggregates.. Bunseki Kagaku, 1987, 36, 189-193.	0.2	11
20	Redox properties of isradipine and its electrochemical detection in the HPLC determination of the compound in human serum. Biomedical Chromatography, 2000, 14, 453-458.	1.7	10
21	Ultraviolet-Visible Spectral Analysis for the Reaction of Hydrogen Peroxide with a Titanium(IV)-Porphyrin Reagent. Applied Spectroscopy, 2009, 63, 579-584.	2.2	10
22	Photo-excitation energy transfer between a titanium(iv)-porphyrin complex and oxygen molecule. Analytical Methods, 2012, 4, 4289.	2.7	8
23	A spectrophotometric method for the determination of traces of hydrogen peroxide by the titanium(IV)-4-(2-pyridylazo)-resorcinol reagent. Bunseki Kagaku, 1981, 30, 682-684.	0.2	7
24	Flow injection analysis for sugars in foods using Titanium(IV)-porphyrin reagent.. Bunseki Kagaku, 1995, 44, 355-362.	0.2	7
25	Electrical potential oscillation across a water-octanol-water liquid membrane with an anionic surfactant.. Bunseki Kagaku, 1991, 40, 775-778.	0.2	6
26	Effect of photo-oxidation of ascorbic acid on the determination of hydrogen peroxide and 3-hydroxybutyric acid using the titanium(iv)-porphyrin reagent. Analytical Methods, 2011, 3, 328-333.	2.7	6
27	Voltammetric determination of phenothiazine drugs using anodically oxidized carbon electrode.. Bunseki Kagaku, 1986, 35, 161-166.	0.2	5
28	Spectrophotometric determinations of serum phospholipids with preconcentrations of molybdophosphate-Malachite Green aggregates using a membrane filter.. Bunseki Kagaku, 1989, 38, 627-631.	0.2	5
29	Fluorometric determination of serum cholinesterase activity.. Bunseki Kagaku, 1990, 39, 115-121.	0.2	5
30	Surface Behavior of Neurotransmitters, Their Agonists and Antagonists on a Gold Electrode Surface. Journal of the Electrochemical Society, 1990, 137, 2132-2135.	2.9	5
31	Preconcentration of hydrogen peroxide by membrane filtration and its application to the spectrophotometric determination of hydrogen peroxide in rainwater.. Bunseki Kagaku, 1993, 42, 773-777.	0.2	5
32	Determination of Esterase Activity by Flow Injection Analysis with Amperometric Detection.. Analytical Sciences, 1996, 12, 343-347.	1.6	5
33	Electro-Optical Reflection Methods for Studying Bioactive Substances at Electrode-Solution Interfaces-an Approach to Biosurface Behavior. Methods of Biochemical Analysis, 1987, 32, 155-214.	0.2	5
34	COLLECTION BY MEMBRANE FILTRATION/SPECTROPHOTOMETRIC DETERMINATION OF TRACE HYDROGEN PEROXIDE. Analytical Sciences, 1991, 7, 311-312.	1.6	4
35	FIA of urine oxalate by the titanium(IV)-4-(2'-pyridylazo)resorcinol reagent.. Bunseki Kagaku, 1991, 40, 343-347.	0.2	4
36	Spectrophotometric determination of glucose in serum and urine using titanium(IV)-porphyrin complex.. Bunseki Kagaku, 1992, 41, 215-219.	0.2	4

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37	Trace analysis of residual additives on the surface of cultivated fruits by surface-enhanced infrared spectroscopy.. Bunseki Kagaku, 1994, 43, 425-429.	0.2	4
38	Flow-injection analysis using the titanium(IV)-porphyrin reagent for determining trace components of physiological significance in human serum. Bunseki Kagaku, 2004, 53, 315-321.	0.2	4
39	Fluorometric Determination of Pseudocholinesterase Activity in Postmortem Blood Samples. Journal of Forensic Sciences, 1990, 35, 1330-1334.	1.6	4
40	Determination of some drugs by differential pulse voltammetry using a rotating glassy carbon disk electrode.. Bunseki Kagaku, 1987, 36, 33-37.	0.2	3
41	A spectrophotometric determination of uric acid in serum by the titanium(IV)-2-((5-bromopyridyl)azo)-5-(N-propyl-N-sulfopropylamino)phenol reagent.. Bunseki Kagaku, 1989, 38, 72-75.	0.2	3
42	Polarographic determination of minute quantity of acid impurities in some commercial reagents by means of the reduction wave of quinones. Bunseki Kagaku, 1969, 18, 309-314.	0.2	2
43	Determination of optical constants of adsorbed layer for the state analysis of the electrode surface. Bunseki Kagaku, 1983, 32, 410-416.	0.2	2
44	Spectrophotometric determination of trace arsenic trihydride after preconcentration as molybdoarsenate-Malachite Green aggregate on membrane filter.. Bunseki Kagaku, 1987, 36, 803-805.	0.2	2
45	Determination of arsenate and phosphate in rainwater: Preconcentration bt membrane filtration. Applied Organometallic Chemistry, 1990, 4, 293-295.	3.5	2
46	ADSORPTION STUDIES OF SOME INORGANIC AND ORGANIC SPECIES AT GOLD ELECTRODE/SOLUTION INTERFACES BY SPECULAR REFLECTION AND MAGNETO-OPTICAL ROTATION METHODS. Analytical Sciences, 1991, 7, 1431-1436.	1.6	2
47	Specular Reflection Studies on the Adsorption of Quaternary Ammonium Ions, Alcohols and Flavin Mononucleotide on a Glassy Carbon Electrode Surface. Analytical Sciences, 1993, 9, 583-587.	1.6	2
48	Biological Sciences and Analytical Chemistry. Determination of lipase and cholinesterase activities in serum by FIA with electrochemical detection.. Bunseki Kagaku, 1995, 44, 771-775.	0.2	2
49	Redox Reaction of Barnidipine on a Glassy Carbon Electrode.. Analytical Sciences, 1995, 11, 449-452.	1.6	2
50	UV-visible spectral analysis for the characterization of the titanium(IV)-4-(2-pyridylazo)resorcinol complex as a reagent for determining hydrogen peroxide. Dalton Transactions, 2020, 49, 690-696.	3.3	2
51	Specular Reflection Method for Adsorption Study of Electrode Solution Interfaces.. Analytical Sciences, 1993, 9, 571-578.	1.6	1
52	Ion-Transfer Voltammetry of Drugs at the Nitrobenzene/Water Interface.. Analytical Sciences, 1997, 13, 173-176.	1.6	1
53	Determination of the Total Acid Content in Wine Based on the Voltammetric Reduction of Quinone. , 2001, 13, 404.		1
54	HPLC with Electrochemical Detection Systems for Quantitative Analysis of Functional Components in Foods. Bunseki Kagaku, 2021, 70, 415-426.	0.2	1

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55	Six channel electrochemical HPLC detector using graphite reinforcement carbon electrode for determination of catecholamine metabolites.. Bunseki Kagaku, 1992, 41, 497-502.	0.2	0