

# Kiyoko Takamura

## List of Publications by Year in descending order

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55  
papers

940  
citations

687363

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454955

30  
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56  
all docs

56  
docs citations

56  
times ranked

851  
citing authors

#	ARTICLE	IF	CITATIONS
1	HPLC with Electrochemical Detection Systems for Quantitative Analysis of Functional Components in Foods. <i>Bunseki Kagaku</i> , 2021, 70, 415-426.	0.2	1
2	UV-visible spectral analysis for the characterization of the titanium(IV)-4-(2-pyridylazo)resorcinol complex as a reagent for determining hydrogen peroxide. <i>Dalton Transactions</i> , 2020, 49, 690-696.	3.3	2
3	Photo-excitation energy transfer between a titanium(IV)-porphyrin complex and oxygen molecule. <i>Analytical Methods</i> , 2012, 4, 4289.	2.7	8
4	Effect of photo-oxidation of ascorbic acid on the determination of hydrogen peroxide and 3-hydroxybutyric acid using the titanium(IV)-porphyrin reagent. <i>Analytical Methods</i> , 2011, 3, 328-333.	2.7	6
5	Ultraviolet-Visible Spectral Analysis for the Reaction of Hydrogen Peroxide with a Titanium(IV)-Porphyrin Reagent. <i>Applied Spectroscopy</i> , 2009, 63, 579-584.	2.2	10
6	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
7	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
8	Flow-injection analysis using the titanium(IV)-porphyrin reagent for determining trace components of physiological significance in human serum. <i>Bunseki Kagaku</i> , 2004, 53, 315-321.	0.2	4
9	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
10	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
11	Determination of the Total Acid Content in Wine Based on the Voltammetric Reduction of Quinone. , 2001, 13, 404.		1
12	Redox properties of isradipine and its electrochemical detection in the HPLC determination of the compound in human serum. <i>Biomedical Chromatography</i> , 2000, 14, 453-458.	1.7	10
13	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
14	Ion-Transfer Voltammetry of Drugs at the Nitrobenzene/Water Interface.. <i>Analytical Sciences</i> , 1997, 13, 173-176.	1.6	1
15	Collection of chemical substances in water using a thermally reversible polymer.. <i>Bunseki Kagaku</i> , 1997, 46, 59-62.	0.2	12
16	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
17	Determination of Esterase Activity by Flow Injection Analysis with Amperometric Detection.. <i>Analytical Sciences</i> , 1996, 12, 343-347.	1.6	5
18	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

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19	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
20	Flow injection analysis for sugars in foods using Titanium(IV)-porphyrin reagent.. Bunseki Kagaku, 1995, 44, 355-362.	0.2	7
21	Preconcentration using a poly(vinylmethylether) for the determination of polycyclic aromatic hydrocarbons in air.. Bunseki Kagaku, 1995, 44, 311-312.	0.2	13
22	Redox Reaction of Barnidipine on a Glassy Carbon Electrode.. Analytical Sciences, 1995, 11, 449-452.	1.6	2
23	Determination of the Free Fatty Acid Content in Fats and Oils by Flow Injection Analysis with Electrochemical Detection.. Analytical Sciences, 1995, 11, 979-982.	1.6	14
24	Voltammetric Determination of Acid Values of Fats and Oils. Journal of AOAC INTERNATIONAL, 1994, 77, 1686-1688.	1.5	32
25	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
26	Specular Reflection Method for Adsorption Study of Electrode Solution Interfaces.. Analytical Sciences, 1993, 9, 571-578.	1.6	1
27	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
28	Trace Analysis of Human Skin Secretions by Surface-Enhanced Infrared Spectroscopy: Detection of Lactate. Analytical Sciences, 1993, 9, 811-815.	1.6	13
29	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
30	Flow-injection analysis for hydrogen peroxide using a titanium(IV)-porphyrin complex.. Bunseki Kagaku, 1993, 42, 363-367.	0.2	16
31	Spectrophotometric determination of glucose in serum and urine using titanium(IV)-porphyrin complex.. Bunseki Kagaku, 1992, 41, 215-219.	0.2	4
32	Six channel electrochemical HPLC detector using graphite reinforcement carbon electrode for determination of catecholamine metabolites.. Bunseki Kagaku, 1992, 41, 497-502.	0.2	0
33	Oxo[5, 10, 15, 20-tetra(4-pyridyl)porphyrinato]titanium(IV): an ultra-high sensitivity spectrophotometric reagent for hydrogen peroxide. Analyst, The, 1992, 117, 1781.	3.5	401
34	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
35	COLLECTION BY MEMBRANE FILTRATION/SPECTROPHOTOMETRIC DETERMINATION OF TRACE HYDROGEN PEROXIDE. Analytical Sciences, 1991, 7, 311-312.	1.6	4
36	ELECTRICAL POTENTIAL OSCILLATION ACROSS A LIQUID MEMBRANE OF WATER-OCTANOL-WATER SYSTEM. Analytical Sciences, 1991, 7, 599-600.	1.6	15

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37	Electrical potential oscillation across a water-octanol-water liquid membrane with an anionic surfactant.. Bunseki Kagaku, 1991, 40, 775-778.	0.2	6
38	FIA of urine oxalate by the titanium(IV)-4-(2'-pyridylazo)resorcinol reagent.. Bunseki Kagaku, 1991, 40, 343-347.	0.2	4
39	Fluorometric determination of serum cholinesterase activity.. Bunseki Kagaku, 1990, 39, 115-121.	0.2	5
40	Determination of arsenate and phosphate in rainwater: Preconcentration bt membrane filtration. Applied Organometallic Chemistry, 1990, 4, 293-295.	3.5	2
41	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
42	Fluorometric Determination of Pseudocholinesterase Activity in Postmortem Blood Samples. Journal of Forensic Sciences, 1990, 35, 1330-1334.	1.6	4
43	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
44	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
45	Determination of some drugs by differential pulse voltammetry using a rotating glassy carbon disk electrode.. Bunseki Kagaku, 1987, 36, 33-37.	0.2	3
46	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
47	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
48	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
49	Voltammetric determination of phenothiazine drugs using anodically oxidized carbon electrode.. Bunseki Kagaku, 1986, 35, 161-166.	0.2	5
50	Coloured species formed from the titanium(IV)-4-(2- $\pi$ -pyridylazo)resorcinol reagent in the spectrophotometric determination of trace amounts of hydrogen peroxide. Journal of the Chemical Society Dalton Transactions, 1985, , 81-84.	1.1	11
51	A spectrophotometric method for the determination of free fatty acid in serum using acyl-coenzyme A synthetase and acyl-coenzyme A oxidase. Analytical Biochemistry, 1983, 130, 128-133.	2.4	95
52	Determination of optical constants of adsorbed layer for the state analysis of the electrode surface. Bunseki Kagaku, 1983, 32, 410-416.	0.2	2
53	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
54	A new spectrophotometric method for the determination of trace of hydrogen peroxide by the titanium (IV)-4-(2-pyridylazo)-resorcinol reagent. Bunseki Kagaku, 1980, 29, 759-764.	0.2	18

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55	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