Toshiyuki Osakai

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8958734/publications.pdf

Version: 2024-02-01

158 papers	3,536 citations	126708 33 h-index	174990 52 g-index
160 all docs	160 docs citations	160 times ranked	2177 citing authors

#	Article	IF	Citations
1	Redox reactions between ABTSâ€¢+ and dihydroxybenzenes as studied by cyclic voltammetry. Analytical Sciences, 2022, 38, 227-230.	0.8	3
2	A Non-Bornian Approach to the Standard Gibbs Energy of Ion Transfer at the Oil | Water Interface. Review of Polarography, 2022, 68, 3-14.	0.0	0
3	Ion-Transfer Voltammetry at Fluorous Ether | Water Interfaces. Analytical Sciences, 2021, 37, 1379-1383.	0.8	3
4	Fluorination Effect on the Gibbs Transfer Energy for Methylene Group from 1,2-Dichloroethane or 1,1,1,2,3,4,4,5,5,5-Decafluoropentane to Water. Analytical Sciences, 2021, , .	0.8	1
5	A Theoretical Approach to the Fluorophilicity of Ions via the Gibbs Energy of Ion Transfer at the Fluorous Solvent/Water Interface. Analytical Sciences, 2021, 37, 1783-1787.	0.8	2
6	DFT Study of Î±-Keggin-type Iso-polyoxotungstate Anions [H_nW₁₂O₄₀]^{(8â€“n)â€“} (n =1â€“4): Can [H₄W₁₂O₄₀]^{4â€“} Exist?. Inorganic Chemistry, 2021, 60, 15336-15342.	1.9	1
7	Computational Prediction of Adsorption Equilibrium for Nonionic Surfactants at the Oil/Water Interface. Langmuir, 2019, 35, 11345-11350.	1.6	4
8	Directional Electron Transfer from Ubiquinone-10 to Cytochrome <i>c</i> at a Biomimetic Self-Assembled Monolayer Modified Electrode. Electrochemistry, 2019, 87, 59-64.	0.6	3
9	Water Interface the Simplest and Best Suited Model for Understanding Biomembranes?. Analytical Sciences, 2019, 35, 361-366.	0.8	5
10	Gibbs Transfer Energies of Ions from a Mixed Solvent of 2H,3H-Decafluoropentane and 1,2-Dichloroethane to Water. Analytical Sciences, 2019, 35, 1031-1035.	0.8	5
11	Solvate and protic ionic liquids from aza-crown ethers: synthesis, thermal properties, and LCST behavior. Physical Chemistry Chemical Physics, 2018, 20, 3118-3127.	1.3	4
12	Prediction of the Standard Gibbs Energy of Ion Transfer across the 1,2-Dichloroethane/Water Interface. Analytical Sciences, 2018, 34, 919-924.	0.8	9
13	A Strategy for in Silico Prediction of the Membrane Permeability of Drugs. Bulletin of the Chemical Society of Japan, 2018, 91, 1618-1624.	2.0	5
14	Ion transfer at the interface between water and fluorous solvent 1,1,1,2,3,4,4,5,5,5-decafluoropentane. Journal of Electroanalytical Chemistry, 2017, 796, 82-87.	1.9	7
15	Can Electron-Rich Oxygen (O^{2â€“}) Withdraw Electrons from Metal Centers? A DFT Study on Oxoanion-Caged Polyoxometalates. Journal of Physical Chemistry A, 2017, 121, 7684-7689.	1.1	2
16	The Principle of Water-Content Determination by Karl Fischer Titration. Review of Polarography, 2017, 63, 101-107.	0.0	3
17	Determination of the Electrostatic Potential of Oil-in-Water Emulsion Droplets by Combined Use of Two Membrane Potential-Sensitive Dyes. Analytical Sciences, 2017, 33, 813-819.	0.8	6
18	Chemical State Analysis of Heat-Treated Tin Plating on Pure Copper and Brass. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2017, 68, 349-354.	0.1	2

#	Article	IF	Citations
19	Photoinduced Chargeâ€Transfer State of 4â€Carbazolylâ€3â€(trifluoromethyl)benzoic Acid: Photophysical Property and Application to Reduction of Carbonâ"Halogen Bonds as a Sensitizer. Chemistry - an Asian Journal, 2016, 11, 2006-2010.	1.7	18
20	Application of Laplace Transform to Electrochemistry. Review of Polarography, 2016, 62, 109-114.	0.0	1
21	Evaluation of the membrane permeability of drugs by ion-transfer voltammetry with the oil | water interface. Journal of Electroanalytical Chemistry, 2016, 779, 55-60.	1.9	17
22	Facilitated Transfer of Alkali and Alkaline Earth-metal Ions to the Oil | Water Interface Where the Fluorescent Dye diOC₂(3) is Adsorbed. Bunseki Kagaku, 2016, 65, 71-77.	0.1	1
23	Evaluation of the artificial membrane permeability of drugs by digital simulation. European Journal of Pharmaceutical Sciences, 2016, 91, 154-161.	1.9	8
24	Mechanism of Multi-Electron Transfer Reactions for Heteropolyanions. Review of Polarography, 2015, 61, 77-86.	0.0	0
25	Chemical State Analysis of Copper Corrosion Products Including Patina by Voltammetry. Zairyo To Kankyo/ Corrosion Engineering, 2015, 64, 508-513.	0.0	1
26	A role of the membrane|solution interface in electron transfer at self-assembled monolayer modified electrodes. Journal of Electroanalytical Chemistry, 2015, 745, 22-27.	1.9	4
27	The effect of supporting electrolyte on the electron transfer at mixed self-assembled monolayers containing ferrocene moieties. Journal of Electroanalytical Chemistry, 2015, 754, 75-79.	1.9	5
28	Coextraction of Water into Nitrobenzene with Organic Ions. Journal of Physical Chemistry B, 2015, 119, 6010-6017.	1.2	9
29	How Can Multielectron Transfer Be Realized? A Case Study with Keggin-Type Polyoxometalates in Acetonitrile. Inorganic Chemistry, 2015, 54, 2793-2801.	1.9	30
30	Prediction of the Standard Gibbs Energy of Transfer of Organic Ions Across the Interface between Two Immiscible Liquids. Journal of Physical Chemistry B, 2015, 119, 13167-13176.	1.2	16
31	A non-Bornian analysis of the Gibbs energy of hydration for organic ions. RSC Advances, 2014, 4, 27634-27641.	1.7	8
32	Combined use of two membrane-potential-sensitive dyes for determination of the Galvani potential difference across a biomimetic oil/water interface. Analytical and Bioanalytical Chemistry, 2014, 406, 3407-3414.	1.9	4
33	A Non-Bornian Analysis of the Gibbs Energy of Ion Hydration. Bulletin of the Chemical Society of Japan, 2014, 87, 403-411.	2.0	8
34	Electrochemical characterization of a unique, â€œneutralâ€•laccase from FlammulinaÂvelutipes. Journal of Bioscience and Bioengineering, 2013, 115, 159-167.	1.1	7
35	A revisit to the non-Bornian theory of the Gibbs energy of ion transfer between two immiscible liquids. Journal of Electroanalytical Chemistry, 2013, 704, 38-43.	1.9	15
36	Sophisticated Design of PVC Membrane Ion-Selective Electrodes Based on the Mixed Potential Theory. Analytical Chemistry, 2013, 85, 4753-4760.	3.2	5

#	Article	IF	Citations
37	Theoretical Similarity between Macro- and Nano-interfaces. Review of Polarography, 2013, 59, 21-27.	0.0	2
38	Chemical State Analysis of Tin Oxide Films by Voltammetry using Ammonia Buffer as the Supporting Electrolyte. Zairyo To Kankyo/ Corrosion Engineering, 2013, 62, 16-21.	0.0	2
39	Highly Selective Determination of Copper Corrosion Products by Voltammetric Reduction in a Strongly Alkaline Electrolyte. Analytical Sciences, 2012, 28, 323-331.	0.8	13
40	Application of the Mixed-Potential Theory to the Interpretation of the Potential Response of a PVC Membrane Ion-Selective Electrode for Desipramine. Analytical Sciences, 2012, 28, 565-570.	0.8	3
41	Amperometric Determination of Creatinine with a Dialysis Membraneâ€Covered Nitrobenzene/Water Interface for Urine Analysis. Electroanalysis, 2012, 24, 2325-2331.	1.5	4
42	Electron Transfer Mechanism of Cytochrome c at the Oil/Water Interface as a Biomembrane Model. Journal of Physical Chemistry B, 2012, 116, 585-592.	1.2	13
43	Interpretation of the potential response of PVC membrane ion-selective electrodes based on the mixed potential theory. Journal of Electroanalytical Chemistry, 2012, 668, 107-112.	1.9	4
44	Potential-modulated fluorescence spectroscopy of zwitterionic and dicationic membrane-potential-sensitive dyes at the 1,2-dichloroethane/water interface. Analytical and Bioanalytical Chemistry, 2012, 404, 785-792.	1.9	7
45	Labelâ€Free Amperometric Detection of Albumin with an Oil/Waterâ€type Flow Cell for Urine Protein Analysis. Electroanalysis, 2012, 24, 1164-1169.	1.5	10
46	Cathodic reduction of copper oxides. Corrosion Reviews, 2011, 29, .	1.0	10
47	Electron transfer mediated by membrane-bound d-fructose dehydrogenase adsorbed at an oil/water interface. Analytical Biochemistry, 2011, 417, 129-135.	1.1	8
48	Chemical State Analysis of Tin Oxide Films by Voltammetric Reduction. Journal of the Electrochemical Society, 2011, 158, C341.	1.3	12
49	Flow-Injection On-line Electrochemical Separation/Determination of Ions Using a Two-Step Oil/Water-Type Flow Cell System. Analytical Sciences, 2010, 26, 375-378.	0.8	7
50	Direct Label-free Electrochemical Detection of Proteins Using the Polarized Oil/Water Interface. Langmuir, 2010, 26, 11530-11537.	1.6	49
51	A Mechanism for the Atmospheric Corrosion of Copper Determined by Voltammetry with a Strongly Alkaline Electrolyte. Journal of the Electrochemical Society, 2010, 157, C289.	1.3	16
52	Potential-modulated fluorescence spectroscopy of the membrane potential-sensitive dye di-4-ANEPPS at the 1,2-dichloroethane/water interface. Analytical and Bioanalytical Chemistry, 2009, 395, 1055-1061.	1.9	11
53	Bimolecular-reaction effect on the rate constant of electron transfer at the oil/water interface as studied by scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2009, 628, 27-34.	1.9	10
54	Kinetic Analysis of Electron Transfer across Single Water- Microdroplet/Oil and Oil-Microdroplet/Water Interfaces. Analytical Sciences, 2009, 25, 183-187.	0.8	6

#	Article	IF	Citations
55	åˆ†æ¥µæ›²ç·šÂ·ã,µã,¯ãƒªãƒƒã,¯ãƒœãƒ«ã,¿ãƒ³ãƒ¡ãƒˆãƒªï¼ï¼ˆ8ï¼‰æ¶²æ¶²ç•Œé¢. Electrochemistry, 2009, 77, 899-903.	0.8	0
56	A mechanistic study of the oxidation of natural antioxidants at the oil/water interface using scanning electrochemical microscopy. Journal of Electroanalytical Chemistry, 2008, 612, 241-246.	1.9	12
57	Mechanistic study of the reduction of copper oxides in alkaline solutions by electrochemical impedance spectroscopy. Electrochimica Acta, 2008, 53, 3493-3499.	2.6	24
58	Correlation between reduction potentials and inhibitions of Epsteinâ€“Barr virus activation by anthraquinone derivatives. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4106-4109.	1.0	15
59	Correlation between oxidation potentials and inhibitory effects on Epsteinâ€“Barr virus activation of flavonoids. Cancer Letters, 2008, 263, 61-66.	3.2	16
60	Electrochemical Aspects of the Reverse Micelle Extraction of Proteins. Analytical Sciences, 2008, 24, 901-906.	0.8	15
61	Quantitative Analysis of Copper Sulfides by Voltammetry Using a Strongly Alkaline Solution. Zairyo To Kankyo/ Corrosion Engineering, 2008, 57, 327-333.	0.0	2
62	Potential-Dependent Adsorption of Amphoteric Rhodamine Dyes at the Oil/Water Interface as Studied by Potential-Modulated Fluorescence Spectroscopy. Journal of Physical Chemistry C, 2007, 111, 9480-9487.	1.5	42
63	Which Is Easier to Reduce, Cu[sub 2]O or CuO?. Journal of the Electrochemical Society, 2007, 154, C1.	1.3	43
64	Electrochemical consideration on the optimum pH of bilirubin oxidase. Analytical Biochemistry, 2007, 370, 98-106.	1.1	36
65	Quantitative analysis of the structureâ€“hydrophobicity relationship for di- and tripeptides based on voltammetric measurements with an oil/water interface. Physical Chemistry Chemical Physics, 2006, 8, 985.	1.3	29
66	Electrochemical Extraction of Proteins by Reverse Micelle Formation. Langmuir, 2006, 22, 5937-5944.	1.6	67
67	Correlation between reduction potentials and inhibitory effects on Epsteinâ€“Barr virus activation by emodin derivatives. Cancer Letters, 2006, 241, 263-267.	3.2	12
68	æ²¹æº´ç•Œé¢ã,ã,ªãƒ³ç§»å‹•ã®æ¨™æº–é›»ä½: Review of Polarography, 2006, 52, 3-12.	0.0	12
69	Direct spectroelectrochemical observation of interfacial species at the polarized water/1,2-dichloroethane interface by ac potential modulation technique. Journal of Electroanalytical Chemistry, 2006, 588, 99-105.	1.9	24
70	Recent Developments in the Electroanalytical Chemistry at an Oil|Water Interface. Bunseki Kagaku, 2005, 54, 251-266.	0.1	5
71	Electron transfer across the single micro-water-droplet|oil interface using microcapillary injection and microelectrode methods. Journal of Electroanalytical Chemistry, 2005, 575, 27-32.	1.9	9
72	Structureâ€“activity relations of azafluorenone and azaanthraquinone as antimicrobial compounds. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1079-1082.	1.0	53

#	Article	IF	Citations
73	Correlation between reduction potentials and inhibitory effects on Epsteinâ€“Barr virus activation of poly-substituted anthraquinones. Cancer Letters, 2005, 225, 193-198.	3.2	11
74	Electron Transfer at Liquid/Liquid Interfaces. , 2005, , 171-188.		2
75	Diffusion-controlled rate constant of electron transfer at the oil|water interface. Journal of Electroanalytical Chemistry, 2004, 571, 201-206.	1.9	11
76	Product analysis of caffeic acid oxidation by on-line electrochemistry/electrospray ionization mass spectrometry. Journal of the American Society for Mass Spectrometry, 2004, 15, 1228-1236.	1.2	76
77	Electrochemical control of glucose oxidase-catalyzed redox reaction using an oil/water interface. Physical Chemistry Chemical Physics, 2004, 6, 3563.	1.3	17
78	Correlation of redox potentials and inhibitory effects on Epstein-Barr virus activation of 2-azaanthraquinones. Cancer Letters, 2004, 212, 1-6.	3.2	18
79	A True Electron-Transfer Reaction between 5,10,15,20-Tetraphenylporphyrinato Cadmium(II) and the Hexacyanoferrate Couple at the Nitrobenzene/Water Interface. Analytical Sciences, 2004, 20, 1567-1573.	0.8	14
80	Photoinduced Electron Transfer of 5,10,15,20-Tetraphenylporphyrinato Zinc(II) at the Polarized Water/1,2-Dichloroethane Interface. Analytical Sciences, 2004, 20, 1575-1579.	0.8	9
81	Study of the oxidation processes of catechins by on-line electrolysis/ESI-MS. Bunseki Kagaku, 2004, 53, 547-553.	0.1	3
82	Determination of the Entropy of Ion Transfer between Two Immiscible Liquids Using the Water|Oil|Water Thermocouple. Journal of Physical Chemistry B, 2003, 107, 9829-9836.	1.2	22
83	Clarification of the Mechanism of Interfacial Electron-Transfer Reaction between Ferrocene and Hexacyanoferrate(III) by Digital Simulation of Cyclic Voltammograms. Journal of Physical Chemistry B, 2003, 107, 9717-9725.	1.2	66
84	Correlation of redox potentials and inhibitory effects on Epsteinâ€“Barr virus activation of naphthoquinones. Cancer Letters, 2003, 201, 25-30.	3.2	23
85	Temperature Effect on the Selective Hydration of Sodium Ion in Nitrobenzene. Analytical Sciences, 2003, 19, 1375-1380.	0.8	8
86	Mechanistic study of the electron transfer of L-ascorbic acid at an oil/water interface by a digital simulation of cyclic voltammograms. Bunseki Kagaku, 2003, 52, 665-671.	0.1	6
87	On Standardizing to Voltammetric Determination of Cupric and Cuprous Oxides Formed on Copper.. Bunseki Kagaku, 2002, 51, 1145-1151.	0.1	11
88	Complete Electrolysis Using a Microflow Cell with an Oil/Water Interface. Analytical Chemistry, 2002, 74, 1177-1181.	3.2	46
89	Higher radical scavenging activities of polyphenolic antioxidants can be ascribed to chemical reactions following their oxidation. Biochimica Et Biophysica Acta - General Subjects, 2002, 1572, 123-132.	1.1	221
90	Mechanistic Study of the Oxidation of Caffeic Acid by Digital Simulation of Cyclic Voltammograms. Analytical Biochemistry, 2002, 303, 66-72.	1.1	90

#	Article	IF	Citations
91	Electron-conductor separating oilâ€“water (ECSOW) system: a new strategy for characterizing electron-transfer processes at the oil/water interface. Electrochemistry Communications, 2002, 4, 472-477.	2.3	56
92	Voltammetric Characterization for the Growth of Oxide Films Formed on Copper in Air. Zairyo To Kankyo/ Corrosion Engineering, 2002, 51, 566-570.	0.0	7
93	Performance Evaluation of the Four-Electrode Type Measurement System for Ion-Transfer Voltammetry. Electrochemistry, 2002, 70, 329-333.	0.6	22
94	The Role of Water Molecules in Ion Transfer at the Oil/Water Interface. , 2002, , .		1
95	Unusually large numbers of electrons for the oxidation of polyphenolic antioxidants. Biochimica Et Biophysica Acta - General Subjects, 2001, 1526, 159-167.	1.1	137
96	Voltammetric Characterization of Oxide Films Formed on Copper in Air. Journal of the Electrochemical Society, 2001, 148, B467.	1.3	64
97	Correlation with Redox Potentials and Inhibitory Effects on Epstein-Barr Virus Activation of Azaanthraquinones.. Chemical and Pharmaceutical Bulletin, 2001, 49, 1214-1216.	0.6	19
98	Selective Hydration of a Carboxylate Group in Nitrobenzene. Chemistry Letters, 2001, 30, 558-559.	0.7	3
99	Ion Transfer of Reduced Keggin-Type Heteropolymolybdate Anions at the Nitrobenzene/Water Interface and Its Relevance to Their Antitumoral Activities. Electroanalysis, 2001, 13, 384-391.	1.5	8
100	Ion transfer and photoinduced electron transfer of water-soluble porphyrin at the nitrobenzene|water interface. Journal of Electroanalytical Chemistry, 2001, 496, 95-102.	1.9	9
101	Ion transfer of heteropolytungstate anions at the nitrobenzeneâˆ£water interface and its relevance to their antiviral activities. Journal of Electroanalytical Chemistry, 2001, 505, 133-141.	1.9	10
102	Mechanistic aspects associated with the oxidation of l-ascorbic acid at the 1,2-dichloroethaneâˆ£water interface. Journal of Electroanalytical Chemistry, 2001, 510, 43-49.	1.9	29
103	Ion Transfer of Reduced Keggin-Type Heteropolymolybdate Anions at the Nitrobenzene/Water Interface and Its Relevance to Their Antitumoral Activities. , 2001, 13, 384.		1
104	Mechanistic study of the oxidation of l-ascorbic acid by chloranil at the nitrobenzeneâˆ£water interface. Journal of Electroanalytical Chemistry, 2000, 490, 85-92.	1.9	20
105	Selective hydration of alkylammonium ions in nitrobenzene. Physical Chemistry Chemical Physics, 2000, 2, 247-251.	1.3	8
106	Hydrophobicity of oligopeptides: a voltammetric study of the transfer of dipeptides facilitated by dibenzo-18-crown-6 at the nitrobenzene/water interface. Physical Chemistry Chemical Physics, 1999, 1, 4819-4825.	1.3	41
107	Non-Bornian Theory of the Gibbs Energy of Ion Transfer between Two Immiscible Liquids. Journal of Physical Chemistry B, 1998, 102, 5691-5698.	1.2	97
108	Pulse Amperometric Detection of Lithium in Artificial Serum Using a Flow Injection System with a Liquid/Liquid-Type Ion-Selective Electrode. Analytical Chemistry, 1998, 70, 4286-4290.	3.2	64

#	Article	IF	Citations
109	A Liquid/Liquid-Type Heteropolyanion Reference Electrode for Ion-Transfer Voltammetry.. Analytical Sciences, 1998, 14, 157-162.	0.8	5
110	Non-Bornian Ion Solvation Energy. An Approach from Redox Potentials of Heteropoly Oxometalate Anions. Bulletin of the Chemical Society of Japan, 1997, 70, 2473-2481.	2.0	8
111	Mechanism of Electrochemical Solvent Extraction of Divalent Metal Ions With Quinolin-8-ol. Analyst, The, 1997, 122, 1597-1600.	1.7	10
112	Hydration of Ions in Organic Solvent and Its Significance in the Gibbs Energy of Ion Transfer between Two Immiscible Liquids. Journal of Physical Chemistry B, 1997, 101, 8341-8348.	1.2	99
113	Inhibitory effects on Epstein-Barr virus activation of anthraquinones: correlation with redox potentials. Cancer Letters, 1997, 115, 179-183.	3.2	17
114	Small-type electrolytic cell for ion-transfer polarography with ascending water electrode.. Bunseki Kagaku, 1996, 45, 1045-1049.	0.1	6
115	Role of interfacial potential in coagulation of cuprammonium cellulose solution. Journal of Applied Polymer Science, 1996, 59, 15-21.	1.3	14
116	Quantum chemical approach to the gibbs energy of ion transfer between two immiscible liquids. Journal of Electroanalytical Chemistry, 1996, 412, 1-9.	1.9	15
117	A kinetic study of the formation of 12-molybdosilicate and 12-molybdogermanate in aqueous solutions by ion transfer voltammetry with the nitrobenzene-water interface. Electrochimica Acta, 1995, 40, 2935-2942.	2.6	24
118	Charge dependence of one-electron redox potentials of Keggin-type heteropolyoxometalate anions. Journal of Electroanalytical Chemistry, 1995, 389, 167-173.	1.9	64
119	Redox Properties of a Î³-Pyronyl-Triterpenoid Saponin (Chromosaponin I). Journal of Natural Products, 1995, 58, 1829-1839.	1.5	6
120	A voltammetric study of Keggin-type heteropolymolybdate anions. Journal of Electroanalytical Chemistry, 1994, 364, 149-154.	1.9	83
121	Solution chemistry of polyanions: An approach using ion-transfer voltammetry.. Bunseki Kagaku, 1994, 43, 1-15.	0.1	4
122	Preparation of the 11-Molybdogermanate(IV) Complex. Chemistry Letters, 1994, 23, 1471-1474.	0.7	1
123	Voltammetric Lithium Ion-Selective Electrodes Based on Ion Transfer at the Oil/Water Interface Facilitated by Neutral Ionophores. Analytical Sciences, 1994, 11, 733-738.	0.8	17
124	A voltammetric phosphate sensor based on heteropolyanion formation at the nitrobenzene/water interface. Electroanalysis, 1993, 5, 215-219.	1.5	12
125	Linear dependence of the standard ion transfer-potentials of heteropoly and isopoly anions at the 1,2-dichloroethane/water interface on their surface charge densities. Journal of Electroanalytical Chemistry, 1993, 360, 299-307.	1.9	21
126	A Hydrophobicity Scale of Heteropoly- and Isopolyanions Based on Voltammetric Studies of Their Transfer at the Nitrobenzene/Water Interface. Bulletin of the Chemical Society of Japan, 1993, 66, 1111-1115.	2.0	26

#	Article	IF	Citations
127	A Voltammetric Study on the One-Electron Redox Processes of the Dawson-Type Heteropolymolybdate Complexes.. Bulletin of the Chemical Society of Japan, 1993, 66, 109-113.	2.0	31
128	Voltammetric study of the transfer of Dawson-type heteropolyanions across the nitrobenzeneâ€"water interface. Journal of Electroanalytical Chemistry, 1992, 332, 169-182.	1.9	34
129	On the one-electron redox process of 18-molybdodisulfate(VI) with the Dawson structure. Journal of Electroanalytical Chemistry, 1992, 337, 371-374.	1.9	23
130	Preparation and Properties of Heteropoly Molybdovanadate(V) Complexes. Bulletin of the Chemical Society of Japan, 1991, 64, 21-28.	2.0	35
131	Electrochemical Formation of 11-Molybdophosphate Anion at the Nitrobenzene/Water Interface and Its Applicability to the Determination of Orthophosphate Ion. Bulletin of the Chemical Society of Japan, 1991, 64, 1313-1317.	2.0	30
132	Voltammetry with an Ion-Selective Microelectrode Based on Polarizable Oil/Water Interface. Analytical Sciences, 1991, 7, 371-376.	0.8	45
133	ELECTROCHEMICAL FORMATION OF HETEROPOLYMOLYBDATE ANIONS AT THE OIL/WATER INTERFACE AND ITS APPLICATION TO OXOANION SENSORS. Analytical Sciences, 1991, 7, 1657-1658.	0.8	1
134	Voltammetric study of the transfer of keggin-type heteropolyanions across the nitrobenzene/water interface. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 302, 145-156.	0.3	16
135	Polarizability of o-nitrophenyl ethers/water interface and its applicability to ion-transfer voltammetry.. Bunseki Kagaku, 1990, 39, 539-545.	0.1	9
136	Potassium and sodium ion sensor based on amperometric ion selective electrode.. Bunseki Kagaku, 1990, 39, 655-660.	0.1	13
137	Voltammetric determination of sulphate ion through heteropoly blue formation. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 278, 217-225.	0.3	10
138	Electrochemical reduction of hexamolybdate(2 â€“) ion in acidic aqueous-organic media. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 285, 209-221.	0.3	16
139	THEORY OF ION-SELECTIVE ELECTRODES, AMPEROMETRIC ISE AND POTENTIOMETRIC ISE. , 1989, , 559-568.		4
140	Voltammetric Study of the Transfer of 12-Molybdosilicate Anion at the Nitrobenzene/Water Interface. Analytical Sciences, 1989, 5, 771-773.	0.8	6
141	A microcomputer-controlled system for ion-transfer voltammetry.. Bunseki Kagaku, 1989, 38, 479-485.	0.1	37
142	A volatile amine sensor based on the amperometric ion selective electrode.. Bunseki Kagaku, 1989, 38, 589-595.	0.1	14
143	Voltammetric Characterization of Î±- and Î²-Dodecamolybdophosphates in Aqueous Organic Solutions. Bulletin of the Chemical Society of Japan, 1989, 62, 1335-1337.	2.0	44
144	A Novel Amperometric Urea Sensor. Analytical Sciences, 1988, 4, 529-530.	0.8	30

#	Article	IF	Citations
145	A Novel Amperometric Ammonia Sensor. Analytical Sciences, 1987, 3, 521-526.	0.8	38
146	Supporting Electrolytes for Voltammetric Study of Ion Transfer at Nitrobenzene/Water Interface. Analytical Sciences, 1987, 3, 499-503.	0.8	29
147	Monolayer Formation of Dilauroylphosphatidylcholine at the Polarized Nitrobenzeneâ€“Water Interface. Bulletin of the Chemical Society of Japan, 1987, 60, 4223-4228.	2.0	49
148	Electrocapillarity and the Electric Double Layer Structure at Oil/Water Interfaces. , 1987, , 107-121.		2
149	On the Mechanism of Transfer of Sodium Ion across the Nitrobenzene/Water Interface Facilitated by Dibenzo-18-crown-6. Bulletin of the Chemical Society of Japan, 1986, 59, 781-788.	2.0	103
150	Electrochemical behavior and analytical applications of the ion-selective electrodes based on oil/water interface.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1986, 1986, 956-964.	0.1	8
151	Ion-Transfer Voltammetry and Potentiometry of Acetylcholine with the Interface between Polymer-Nitrobenzene Gel and Water. Analytical Sciences, 1985, 1, 219-225.	0.8	42
152	Kinetics of the Transfer of Picrate Ion at the Water/Nitrobenzene Interface. Bulletin of the Chemical Society of Japan, 1985, 58, 2626-2633.	2.0	64
153	A.c. Polarographic Study of Ion Transfer at the Water/Nitrobenzene Interface. Bulletin of the Chemical Society of Japan, 1984, 57, 370-376.	2.0	112
154	Ion-transfer voltammetry with the interfaces between polymer-electrolyte gel and electrolyte solutions.. Bunseki Kagaku, 1984, 33, E371-E377.	0.1	44
155	A Potential-step Chronoamperometric Study of Ion Transfer at the Water/Nitrobenzene Interface. Bulletin of the Chemical Society of Japan, 1983, 56, 991-996.	2.0	88
156	Determination of the standard free energies of transfer of alkylammonium ions from nitrobenzene to water using polarographic methods with immiscible electrolyte solution interface.. Bunseki Kagaku, 1983, 32, E81-E84.	0.1	40
157	Computational Prediction of the Adsorption Equilibrium for Ionic Surfactants at the Electrified Oil/Water Interface. ChemElectroChem, 0, , .	1.7	0
158	Computational Prediction of the Adsorption Equilibrium for Ionic Surfactants at the Electrified Oil/Water Interface. ChemElectroChem, 0, , .	1.7	0