

Toshiyuki Osakai

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155
papers

3,065
citations

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160
ext. papers

3,219
ext. citations

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avg. IF

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L-index

#	Paper	IF	Citations
155	Higher radical scavenging activities of polyphenolic antioxidants can be ascribed to chemical reactions following their oxidation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002 , 1572, 123-32	4	188
154	Unusually large numbers of electrons for the oxidation of polyphenolic antioxidants. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001 , 1526, 159-67	4	117
153	A.c. Polarographic Study of Ion Transfer at the Water/Nitrobenzene Interface. <i>Bulletin of the Chemical Society of Japan</i> , 1984 , 57, 370-376	5.1	98
152	On the Mechanism of Transfer of Sodium Ion across the Nitrobenzene/Water Interface Facilitated by Dibenzo-18-crown-6. <i>Bulletin of the Chemical Society of Japan</i> , 1986 , 59, 781-788	5.1	89
151	Hydration of Ions in Organic Solvent and Its Significance in the Gibbs Energy of Ion Transfer between Two Immiscible Liquids. <i>Journal of Physical Chemistry B</i> , 1997 , 101, 8341-8348	3.4	84
150	Non-Bornian Theory of the Gibbs Energy of Ion Transfer between Two Immiscible Liquids. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 5691-5698	3.4	83
149	A Potential-step Chronoamperometric Study of Ion Transfer at the Water/Nitrobenzene Interface. <i>Bulletin of the Chemical Society of Japan</i> , 1983 , 56, 991-996	5.1	76
148	A voltammetric study of Keggin-type heteropolymolybdate anions. <i>Journal of Electroanalytical Chemistry</i> , 1994 , 364, 149-154	4.1	71
147	Mechanistic study of the oxidation of caffeic acid by digital simulation of cyclic voltammograms. <i>Analytical Biochemistry</i> , 2002 , 303, 66-72	3.1	69
146	Electrochemical extraction of proteins by reverse micelle formation. <i>Langmuir</i> , 2006 , 22, 5937-44	4	64
145	Product analysis of caffeic acid oxidation by on-line electrochemistry/electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2004 , 15, 1228-36	3.5	64
144	Clarification of the Mechanism of Interfacial Electron-Transfer Reaction between Ferrocene and Hexacyanoferrate(III) by Digital Simulation of Cyclic Voltammograms. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 9717-9725	3.4	64
143	Voltammetric Characterization of Oxide Films Formed on Copper in Air. <i>Journal of the Electrochemical Society</i> , 2001 , 148, B467	3.9	58
142	Kinetics of the Transfer of Picrate Ion at the Water/Nitrobenzene Interface. <i>Bulletin of the Chemical Society of Japan</i> , 1985 , 58, 2626-2633	5.1	58
141	Charge dependence of one-electron redox potentials of Keggin-type heteropolyoxometalate anions. <i>Journal of Electroanalytical Chemistry</i> , 1995 , 389, 167-173	4.1	54
140	Pulse Amperometric Detection of Lithium in Artificial Serum Using a Flow Injection System with a Liquid/Liquid-Type Ion-Selective Electrode. <i>Analytical Chemistry</i> , 1998 , 70, 4286-4290	7.8	53
139	Electron-conductor separating oil/water (ECSOW) system: a new strategy for characterizing electron-transfer processes at the oil/water interface. <i>Electrochemistry Communications</i> , 2002 , 4, 472-477	5.1	49

138	Structure-activity relations of azafluorenone and azaanthraquinone as antimicrobial compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 1079-82	2.9	48
137	Direct label-free electrochemical detection of proteins using the polarized oil/water interface. <i>Langmuir</i> , 2010 , 26, 11530-7	4	44
136	Monolayer Formation of Dilauroylphosphatidylcholine at the Polarized Nitrobenzene/Water Interface. <i>Bulletin of the Chemical Society of Japan</i> , 1987 , 60, 4223-4228	5.1	43
135	Voltammetry with an Ion-Selective Microelectrode Based on Polarizable Oil/Water Interface.. <i>Analytical Sciences</i> , 1991 , 7, 371-376	1.7	42
134	Which Is Easier to Reduce, Cu[sub 2]O or CuO?. <i>Journal of the Electrochemical Society</i> , 2007 , 154, C1	3.9	39
133	Complete electrolysis using a microflow cell with an oil/water interface. <i>Analytical Chemistry</i> , 2002 , 74, 1177-81	7.8	39
132	Hydrophobicity of oligopeptides: a voltammetric study of the transfer of dipeptides facilitated by dibenzo-18-crown-6 at the nitrobenzene/water interface. <i>Physical Chemistry Chemical Physics</i> , 1999 , 1, 4819-4825	3.6	39
131	Ion-transfer voltammetry with the interfaces between polymer-electrolyte gel and electrolyte solutions.. <i>Bunseki Kagaku</i> , 1984 , 33, E371-E377	0.2	39
130	Potential-Dependent Adsorption of Amphoteric Rhodamine Dyes at the Oil/Water Interface as Studied by Potential-Modulated Fluorescence Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 9480-9487	3.8	38
129	Determination of the standard free energies of transfer of alkylammonium ions from nitrobenzene to water using polarographic methods with immiscible electrolyte solution interface.. <i>Bunseki Kagaku</i> , 1983 , 32, E81-E84	0.2	38
128	Voltammetric study of the transfer of Dawson-type heteropolyanions across the nitrobenzene/water interface. <i>Journal of Electroanalytical Chemistry</i> , 1992 , 332, 169-182	4.1	33
127	Voltammetric Characterization of Hexadodecamolybdophosphates in Aqueous Organic Solutions. <i>Bulletin of the Chemical Society of Japan</i> , 1989 , 62, 1335-1337	5.1	33
126	Preparation and Properties of Heteropoly Molybdovanadate(V) Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 1991 , 64, 21-28	5.1	31
125	A microcomputer-controlled system for ion-transfer voltammetry.. <i>Bunseki Kagaku</i> , 1989 , 38, 479-485	0.2	31
124	A novel amperometric ammonia sensor.. <i>Analytical Sciences</i> , 1987 , 3, 521-526	1.7	31
123	Ion-transfer voltammetry and potentiometry of acetylcholine with the interface between polymer-nitrobenzene gel and water.. <i>Analytical Sciences</i> , 1985 , 1, 219-225	1.7	31
122	Electrochemical consideration on the optimum pH of bilirubin oxidase. <i>Analytical Biochemistry</i> , 2007 , 370, 98-106	3.1	28
121	Electrochemical Formation of 11-Molybdophosphate Anion at the Nitrobenzene/Water Interface and Its Applicability to the Determination of Orthophosphate Ion. <i>Bulletin of the Chemical Society of Japan</i> , 1991 , 64, 1313-1317	5.1	28

120	Quantitative analysis of the structure-hydrophobicity relationship for di- and tripeptides based on voltammetric measurements with an oil/water interface. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 985-93	3.6	26
119	How can multielectron transfer be realized? A case study with kegg-in-type polyoxometalates in acetonitrile. <i>Inorganic Chemistry</i> , 2015 , 54, 2793-801	5.1	25
118	Mechanistic aspects associated with the oxidation of l-ascorbic acid at the 1,2-dichloroethane water interface. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 510, 43-49	4.1	25
117	A Hydrophobicity Scale of Heteropoly- and Isopolyanions Based on Voltammetric Studies of Their Transfer at the Nitrobenzene/Water Interface. <i>Bulletin of the Chemical Society of Japan</i> , 1993 , 66, 1111-1115	5.1	25
116	A Voltammetric Study on the One-Electron Redox Processes of the Dawson-Type Heteropolymolybdate Complexes.. <i>Bulletin of the Chemical Society of Japan</i> , 1993 , 66, 109-113	5.1	25
115	A novel amperometric urea sensor.. <i>Analytical Sciences</i> , 1988 , 4, 529-530	1.7	25
114	A kinetic study of the formation of 12-molybdosilicate and 12-molybdogermanate in aqueous solutions by ion transfer voltammetry with the nitrobenzene-water interface. <i>Electrochimica Acta</i> , 1995 , 40, 2935-2942	6.7	22
113	Supporting electrolytes for voltammetric study of ion transfer at nitrobenzene/water interface.. <i>Analytical Sciences</i> , 1987 , 3, 499-503	1.7	22
112	Determination of the Entropy of Ion Transfer between Two Immiscible Liquids Using the Water Oil Water Thermocouple. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 9829-9836	3.4	21
111	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. <i>Journal of Electroanalytical Chemistry</i> , 1993 , 360, 299-307	4.1	21
110	Performance Evaluation of the Four-Electrode Type Measurement System for Ion-Transfer Voltammetry. <i>Electrochemistry</i> , 2002 , 70, 329-333	1.2	21
109	Direct spectroelectrochemical observation of interfacial species at the polarized water/1,2-dichloroethane interface by ac potential modulation technique. <i>Journal of Electroanalytical Chemistry</i> , 2006 , 588, 99-105	4.1	20
108	Correlation of redox potentials and inhibitory effects on Epstein-Barr virus activation of naphthoquinones. <i>Cancer Letters</i> , 2003 , 201, 25-30	9.9	20
107	On the one-electron redox process of 18-molybdodisulfate(VI) with the Dawson structure. <i>Journal of Electroanalytical Chemistry</i> , 1992 , 337, 371-374	4.1	19
106	Mechanistic study of the reduction of copper oxides in alkaline solutions by electrochemical impedance spectroscopy. <i>Electrochimica Acta</i> , 2008 , 53, 3493-3499	6.7	18
105	Correlation with redox potentials and inhibitory effects on Epstein-Barr virus activation of azaanthraquinones. <i>Chemical and Pharmaceutical Bulletin</i> , 2001 , 49, 1214-6	1.9	18
104	Mechanistic study of the oxidation of l-ascorbic acid by chloranil at the nitrobenzene water interface. <i>Journal of Electroanalytical Chemistry</i> , 2000 , 490, 85-92	4.1	17
103	Electrochemical control of glucose oxidase-catalyzed redox reaction using an oil/water interface. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 3563	3.6	16

102	Correlation of redox potentials and inhibitory effects on Epstein-Barr virus activation of 2-azaanthraquinones. <i>Cancer Letters</i> , 2004 , 212, 1-6	9.9	16
101	Evaluation of the membrane permeability of drugs by ion-transfer voltammetry with the oil water interface. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 779, 55-60	4.1	16
100	Inhibitory effects on Epstein-Barr virus activation of anthraquinones: correlation with redox potentials. <i>Cancer Letters</i> , 1997 , 115, 179-83	9.9	15
99	Correlation between oxidation potentials and inhibitory effects on Epstein-Barr virus activation of flavonoids. <i>Cancer Letters</i> , 2008 , 263, 61-6	9.9	15
98	Voltammetric study of the transfer of keggin-type heteropolyanions across the nitrobenzene/water interface. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991 , 302, 145-156		15
97	Photoinduced Charge-Transfer State of 4-Carbazoyl-3-(trifluoromethyl)benzoic Acid: Photophysical Property and Application to Reduction of Carbon-Halogen Bonds as a Sensitizer. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2006-10	4.5	15
96	Prediction of the Standard Gibbs Energy of Transfer of Organic Ions Across the Interface between Two Immiscible Liquids. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 13167-76	3.4	14
95	A Mechanism for the Atmospheric Corrosion of Copper Determined by Voltammetry with a Strongly Alkaline Electrolyte. <i>Journal of the Electrochemical Society</i> , 2010 , 157, C289	3.9	14
94	Correlation between reduction potentials and inhibitions of Epstein-Barr virus activation by anthraquinone derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 4106-9	2.9	14
93	Quantum chemical approach to the gibbs energy of ion transfer between two immiscible liquids. <i>Journal of Electroanalytical Chemistry</i> , 1996 , 412, 1-9	4.1	14
92	A revisit to the non-Bornian theory of the Gibbs energy of ion transfer between two immiscible liquids. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 704, 38-43	4.1	13
91	Electron transfer mechanism of cytochrome c at the oil/water interface as a biomembrane model. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 585-92	3.4	13
90	Electrochemical aspects of the reverse micelle extraction of proteins. <i>Analytical Sciences</i> , 2008 , 24, 901-6.7		13
89	A true electron-transfer reaction between 5,10,15,20-tetraphenylporphyrinato cadmium(II) and the hexacyanoferrate couple at the nitrobenzene/water interface. <i>Analytical Sciences</i> , 2004 , 20, 1567-73	1.7	13
88	Role of interfacial potential in coagulation of cuprammonium cellulose solution. <i>Journal of Applied Polymer Science</i> , 1996 , 59, 15-21	2.9	13
87	Electrochemical reduction of hexamolybdate(2-) ion in acidic aqueous-organic media. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990 , 285, 209-221		13
86	Voltammetric Lithium Ion-Selective Electrodes Based on Ion Transfer at the Oil/Water Interface Facilitated by Neutral Ionophores.. <i>Analytical Sciences</i> , 1995 , 11, 733-738	1.7	12
85	Potassium and sodium ion sensor based on amperometric ion selective electrode.. <i>Bunseki Kagaku</i> , 1990 , 39, 655-660	0.2	12

84	Chemical State Analysis of Tin Oxide Films by Voltammetric Reduction. <i>Journal of the Electrochemical Society</i> , 2011 , 158, C341	3.9	11
83	A mechanistic study of the oxidation of natural antioxidants at the oil/water interface using scanning electrochemical microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 612, 241-246	4.1	11
82	A volatile amine sensor based on the amperometric ion selective electrode.. <i>Bunseki Kagaku</i> , 1989 , 38, 589-595	0.2	11
81	Correlation between reduction potentials and inhibitory effects on Epstein-Barr virus activation of poly-substituted anthraquinones. <i>Cancer Letters</i> , 2005 , 225, 193-8	9.9	10
80	Correlation between reduction potentials and inhibitory effects on Epstein-Barr virus activation by emodin derivatives. <i>Cancer Letters</i> , 2006 , 241, 263-7	9.9	10
79	Diffusion-controlled rate constant of electron transfer at the oil water interface. <i>Journal of Electroanalytical Chemistry</i> , 2004 , 571, 201-206	4.1	10
78	Ion transfer of heteropolytungstate anions at the nitrobenzene water interface and its relevance to their antiviral activities. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 505, 133-141	4.1	10
77	On Standardizing to Voltammetric Determination of Cupric and Cuprous Oxides Formed on Copper.. <i>Bunseki Kagaku</i> , 2002 , 51, 1145-1151	0.2	10
76	Label-Free Amperometric Detection of Albumin with an Oil/Water-type Flow Cell for Urine Protein Analysis. <i>Electroanalysis</i> , 2012 , 24, 1164-1169	3	9
75	Potential-modulated fluorescence spectroscopy of the membrane potential-sensitive dye di-4-ANEPPS at the 1,2-dichloroethane/water interface. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 1055-61	4.4	9
74	Bimolecular-reaction effect on the rate constant of electron transfer at the oil/water interface as studied by scanning electrochemical microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 628, 27-34 ^{4.1}		9
73	?????????????. <i>Review of Polarography</i> , 2006 , 52, 3-12	0.2	9
72	Electron transfer across the single micro-water-droplet oil interface using microcapillary injection and microelectrode methods. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 575, 27-32	4.1	9
71	Ion transfer and photoinduced electron transfer of water-soluble porphyrin at the nitrobenzene water interface. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 496, 95-102	4.1	9
70	A voltammetric phosphate sensor based on heteropolyanion formation at the nitrobenzene/water interface. <i>Electroanalysis</i> , 1993 , 5, 215-219	3	9
69	Evaluation of the artificial membrane permeability of drugs by digital simulation. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 91, 154-61	5.1	8
68	Non-Bornian Ion Solvation Energy. An Approach from Redox Potentials of Heteropoly Oxometalate Anions. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 2473-2481	5.1	8
67	Mechanism of Electrochemical Solvent Extraction of Divalent Metal Ions With Quinolin-8-ol. <i>Analyst, The</i> , 1997 , 122, 1597-1600	5	8

66	Photoinduced electron transfer of 5,10,15,20-tetraphenylporphyrinato zinc(II) at the polarized water/1,2-dichloroethane interface. <i>Analytical Sciences</i> , 2004 , 20, 1575-9	1.7	8
65	Ion Transfer of Reduced Keggin-Type Heteropolymolybdate Anions at the Nitrobenzene/Water Interface and Its Relevance to Their Antitumoral Activities. <i>Electroanalysis</i> , 2001 , 13, 384-391	3	8
64	Selective hydration of alkylammonium ions in nitrobenzene. <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 247-251	3.6	8
63	Polarizability of o-nitrophenyl ethers/water interface and its applicability to ion-transfer voltammetry.. <i>Bunseki Kagaku</i> , 1990 , 39, 539-545	0.2	8
62	Coextraction of water into nitrobenzene with organic ions. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 6010-7	3.4	7
61	A non-Bornian analysis of the Gibbs energy of hydration for organic ions. <i>RSC Advances</i> , 2014 , 4, 27634-27641	3.641	7
60	A Non-Bornian Analysis of the Gibbs Energy of Ion Hydration. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 403-411	5.1	7
59	Electrochemical characterization of a unique, "neutral" laccase from <i>Flammulina velutipes</i> . <i>Journal of Bioscience and Bioengineering</i> , 2013 , 115, 159-67	3.3	7
58	Highly selective determination of copper corrosion products by voltammetric reduction in a strongly alkaline electrolyte. <i>Analytical Sciences</i> , 2012 , 28, 323-31	1.7	7
57	Cathodic reduction of copper oxides. <i>Corrosion Reviews</i> , 2011 , 29,	3.2	7
56	Electron transfer mediated by membrane-bound d-fructose dehydrogenase adsorbed at an oil/water interface. <i>Analytical Biochemistry</i> , 2011 , 417, 129-35	3.1	7
55	Flow-injection on-line electrochemical separation/determination of ions using a two-step oil/water-type flow cell system. <i>Analytical Sciences</i> , 2010 , 26, 375-8	1.7	7
54	Temperature effect on the selective hydration of sodium ion in nitrobenzene. <i>Analytical Sciences</i> , 2003 , 19, 1375-80	1.7	7
53	Voltammetric determination of sulphate ion through heteropoly blue formation. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990 , 278, 217-225		7
52	Electrochemical behavior and analytical applications of the ion-selective electrodes based on oil/water interface.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1986 , 1986, 956-964		7
51	Voltammetric Characterization for the Growth of Oxide Films Formed on Copper in Air. <i>Zairyo To Kankyo/ Corrosion Engineering</i> , 2002 , 51, 566-570	0.5	7
50	Prediction of the Standard Gibbs Energy of Ion Transfer across the 1,2-Dichloroethane/Water Interface. <i>Analytical Sciences</i> , 2018 , 34, 919-924	1.7	7
49	Ion transfer at the interface between water and fluoros solvent 1,1,1,2,3,4,4,5,5,5-decafluoropentane. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 796, 82-87	4.1	6

48	Determination of the Electrostatic Potential of Oil-in-Water Emulsion Droplets by Combined Use of Two Membrane Potential-Sensitive Dyes. <i>Analytical Sciences</i> , 2017 , 33, 813-819	1.7	6
47	Potential-modulated fluorescence spectroscopy of zwitterionic and dicationic membrane-potential-sensitive dyes at the 1,2-dichloroethane/water interface. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 785-92	4.4	6
46	Kinetic analysis of electron transfer across single water-microdroplet/oil and oil-microdroplet/water interfaces. <i>Analytical Sciences</i> , 2009 , 25, 183-7	1.7	6
45	Mechanistic study of the electron transfer of L-ascorbic acid at an oil/water interface by a digital simulation of cyclic voltammograms. <i>Bunseki Kagaku</i> , 2003 , 52, 665-671	0.2	5
44	Redox Properties of a β -Pyronyl-Triterpenoid Saponin (Chromosaponin I). <i>Journal of Natural Products</i> , 1995 , 58, 1829-1839	4.9	5
43	Voltammetric study of the transfer of 12-molybdosilicate anion at the nitrobenzene/water interface.. <i>Analytical Sciences</i> , 1989 , 5, 771-773	1.7	5
42	A Strategy for in Silico Prediction of the Membrane Permeability of Drugs. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 1618-1624	5.1	5
41	The effect of supporting electrolyte on the electron transfer at mixed self-assembled monolayers containing ferrocene moieties. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 754, 75-79	4.1	4
40	A role of the membrane solution interface in electron transfer at self-assembled monolayer modified electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 745, 22-27	4.1	4
39	Amperometric Determination of Creatinine with a Dialysis Membrane-Covered Nitrobenzene/Water Interface for Urine Analysis. <i>Electroanalysis</i> , 2012 , 24, 2325-2331	3	4
38	Interpretation of the potential response of PVC membrane ion-selective electrodes based on the mixed potential theory. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 668, 107-112	4.1	4
37	Sophisticated design of PVC membrane ion-selective electrodes based on the mixed potential theory. <i>Analytical Chemistry</i> , 2013 , 85, 4753-60	7.8	4
36	Recent Developments in the Electroanalytical Chemistry at an Oil Water Interface. <i>Bunseki Kagaku</i> , 2005 , 54, 251-266	0.2	4
35	A Liquid/Liquid-Type Heteropolyanion Reference Electrode for Ion-Transfer Voltammetry.. <i>Analytical Sciences</i> , 1998 , 14, 157-162	1.7	4
34	Small-type electrolytic cell for ion-transfer polarography with ascending water electrode.. <i>Bunseki Kagaku</i> , 1996 , 45, 1045-1049	0.2	4
33	Solution chemistry of polyanions: An approach using ion-transfer voltammetry.. <i>Bunseki Kagaku</i> , 1994 , 43, 1-15	0.2	4
32	THEORY OF ION-SELECTIVE ELECTRODES, AMPEROMETRIC ISE AND POTENTIOMETRIC ISE 1989 , 559-568		4
31	Directional Electron Transfer from Ubiquinone-10 to Cytochrome c at a Biomimetic Self-Assembled Monolayer Modified Electrode. <i>Electrochemistry</i> , 2019 , 87, 59-64	1.2	3

30	Combined use of two membrane-potential-sensitive dyes for determination of the Galvani potential difference across a biomimetic oil/water interface. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 3407-14	4.4	3
29	Application of the mixed-potential theory to the interpretation of the potential response of a PVC membrane ion-selective electrode for desipramine. <i>Analytical Sciences</i> , 2012 , 28, 565-70	1.7	3
28	Selective Hydration of a Carboxylate Group in Nitrobenzene. <i>Chemistry Letters</i> , 2001 , 30, 558-559	1.7	3
27	Gibbs Transfer Energies of Ions from a Mixed Solvent of 2H,3H-Decafluoropentane and 1,2-Dichloroethane to Water. <i>Analytical Sciences</i> , 2019 , 35, 1031-1035	1.7	3
26	Solvate and protic ionic liquids from aza-crown ethers: synthesis, thermal properties, and LCST behavior. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 3118-3127	3.6	2
25	Computational Prediction of Adsorption Equilibrium for Nonionic Surfactants at the Oil/Water Interface. <i>Langmuir</i> , 2019 , 35, 11345-11350	4	2
24	The Principle of Water-Content Determination by Karl Fischer Titration. <i>Review of Polarography</i> , 2017 , 63, 101-107	0.2	2
23	Theoretical Similarity between Macro- and Nano-interfaces. <i>Review of Polarography</i> , 2013 , 59, 21-27	0.2	2
22	Chemical State Analysis of Tin Oxide Films by Voltammetry using Ammonia Buffer as the Supporting Electrolyte. <i>Zairyo To Kankyo/Corrosion Engineering</i> , 2013 , 62, 16-21	0.5	2
21	Study of the oxidation processes of catechins by on-line electrolysis/ESI-MS. <i>Bunseki Kagaku</i> , 2004 , 53, 547-553	0.2	2
20	Quantitative Analysis of Copper Sulfides by Voltammetry Using a Strongly Alkaline Solution. <i>Zairyo To Kankyo/Corrosion Engineering</i> , 2008 , 57, 327-333	0.5	2
19	Electrocapillarity and the Electric Double Layer Structure at Oil/Water Interfaces 1987 , 107-121		2
18	Chemical State Analysis of Heat-Treated Tin Plating on Pure Copper and Brass. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2017 , 68, 349-354	0.1	2
17	Ion-Transfer Voltammetry at Fluorous Ether Water Interfaces. <i>Analytical Sciences</i> , 2021 , 37, 1379-1383	1.7	2
16	Facilitated Transfer of Alkali and Alkaline Earth-metal Ions to the Oil Water Interface Where the Fluorescent Dye diOC2(3) is Adsorbed. <i>Bunseki Kagaku</i> , 2016 , 65, 71-77	0.2	1
15	Can Electron-Rich Oxygen (O) Withdraw Electrons from Metal Centers? A DFT Study on Oxoanion-Caged Polyoxometalates. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 7684-7689	2.8	1
14	Chemical State Analysis of Copper Corrosion Products Including Patina by Voltammetry. <i>Zairyo To Kankyo/Corrosion Engineering</i> , 2015 , 64, 508-513	0.5	1
13	Preparation of the 11-Molybdogermanate(IV) Complex. <i>Chemistry Letters</i> , 1994 , 23, 1471-1474	1.7	1

12	ELECTROCHEMICAL FORMATION OF HETEROPOLYMOLYBDATE ANIONS AT THE OIL/WATER INTERFACE AND ITS APPLICATION TO OXOANION SENSORS. <i>Analytical Sciences</i> , 1991 , 7, 1657-1658	1.7	1
11	The Role of Water Molecules in Ion Transfer at the Oil/Water Interface 2002 ,		1
10	Application of Laplace Transform to Electrochemistry. <i>Review of Polarography</i> , 2016 , 62, 109-114	0.2	1
9	Is the Oil Water Interface the Simplest and Best Suited Model for Understanding Biomembranes?. <i>Analytical Sciences</i> , 2019 , 35, 361-366	1.7	1
8	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. <i>Analytical Sciences</i> , 2021 ,	1.7	1
7	A Theoretical Approach to the Fluorophilicity of Ions via the Gibbs Energy of Ion Transfer at the Fluorous Solvent/Water Interface. <i>Analytical Sciences</i> , 2021 ,	1.7	1
6	Ion Transfer of Reduced Keggin-Type Heteropolymolybdate Anions at the Nitrobenzene/Water Interface and Its Relevance to Their Antitumoral Activities 2001 , 13, 384		1
5	Electron Transfer at Liquid/Liquid Interfaces 2005 , 171-188		1
4	Mechanism of Multi-Electron Transfer Reactions for Heteropolyanions. <i>Review of Polarography</i> , 2015 , 61, 77-86	0.2	
3	????????????????- (8)???. <i>Electrochemistry</i> , 2009 , 77, 899-903	1.2	
2	DFT Study of Keggin-type Iso-polyoxotungstate Anions [HWO] (=1-4): Can [HWO] Exist?. <i>Inorganic Chemistry</i> , 2021 , 60, 15336-15342	5.1	
1	A Non-Bornian Approach to the Standard Gibbs Energy of Ion Transfer at the Oil Water Interface. <i>Review of Polarography</i> , 2022 , 68, 3-14	0.2	