

# Hideki Kuramitz

## List of Publications by Year in descending order

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125  
papers

1,855  
citations

304743

22  
h-index

345221

36  
g-index

128  
all docs

128  
docs citations

128  
times ranked

1911  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical oxidation of bisphenol A. Application to the removal of bisphenol A using a carbon fiber electrode. <i>Chemosphere</i> , 2001, 45, 37-43.	8.2	147
2	Electrochemical decomposition of bisphenol A using Pt/Ti and SnO <sub>2</sub> /Ti anodes. <i>Journal of Applied Electrochemistry</i> , 2002, 32, 197-201.	2.9	100
3	Electrochemical removal of bisphenol A based on the anodic polymerization using a column type carbon fiber electrode. <i>Water Research</i> , 2004, 38, 2331-2338.	11.3	99
4	Electrochemical Oxidation for Low Concentration of Aniline in Neutral pH Medium: Application to the Removal of Aniline Based on the Electrochemical Polymerization on a Carbon Fiber. <i>Environmental Science &amp; Technology</i> , 2005, 39, 3805-3810.	10.0	71
5	Magnetic microbead-based electrochemical immunoassays. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 61-69.	3.7	71
6	Electrochemical removal of p-nonylphenol from dilute solutions using a carbon fiber anode. <i>Water Research</i> , 2002, 36, 3323-3329.	11.3	58
7	Removal of dissolved humic acid from water by coagulation method using polyaluminum chloride (PAC) with calcium carbonate as neutralizer and coagulant aid. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 770-774.	6.7	56
8	Electrochemical and optical evaluation of noble metal and carbon-ITO hybrid optically transparent electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2004, 565, 311-320.	3.8	53
9	Alteration of Water Pollution Level with the Seasonal Changes in Mean Daily Discharge in Three Main Rivers around Dhaka City, Bangladesh. <i>Environments - MDPI</i> , 2015, 2, 280-294.	3.3	41
10	Simultaneous Multiselective Spectroelectrochemical Fiber-Optic Sensor: Demonstration of the Concept Using Methylene Blue and Ferrocyanide. <i>Analytical Chemistry</i> , 2015, 87, 2375-2382.	6.5	39
11	Voltammetric Detection of Lectin Using Sugar Labeled with Electroactive Substance. <i>Analytical Sciences</i> , 2001, 17, 21-25.	1.6	34
12	Glucose sensing by a carbon-paste electrode containing chitin modified with glucose oxidase. <i>Journal of Electroanalytical Chemistry</i> , 2000, 482, 81-86.	3.8	32
13	Electrochemical Sensing of Avidin-Biotin Interaction Using Redox Markers. <i>Electroanalysis</i> , 2000, 12, 1299-1303.	2.9	31
14	Pattern of oxidation products derived from tetrabromobisphenol A in a catalytic system comprised of iron(III)-tetrakis(p-sulfophenyl)porphyrin, KHSO <sub>5</sub> and humic acids. <i>Chemosphere</i> , 2010, 80, 860-865.	8.2	30
15	Electrochemical immunoassay at a <sup>171</sup> estradiol self-assembled monolayer electrode using a redox marker. <i>Analyst, The</i> , 2003, 128, 182-186.	3.5	29
16	Electrochemical Decomposition of Bisphenol A and Nonylphenol Using a Pt/Ti Electrode. <i>Chemistry Letters</i> , 1999, 28, 943-944.	1.3	27
17	Detection of mercury (II) ions in water by polyelectrolyte-gold nanoparticles coated long period fiber grating sensor. <i>Optics Communications</i> , 2018, 419, 18-24.	2.1	27
18	Molybdenum Blue Spectrophotometry for Trace Arsenic in Ground Water Using a Soluble Membrane Filter and Calcium Carbonate Column. <i>Analytical Sciences</i> , 2013, 29, 67-72.	1.6	26

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19	Application of an automated fluidic system using electrochemical bead-based immunoassay to detect the bacteriophage MS2 and ovalbumin. <i>Analytica Chimica Acta</i> , 2006, 561, 69-77.	5.4	25
20	Effects of peat fires on the characteristics of humic acid extracted from peat soil in Central Kalimantan, Indonesia. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2384-2395.	5.3	25
21	Electrocatalytic Reduction of Hemoglobin at a Self-Assembled Monolayer Electrode Containing Redox Dye, Nile Blue as an Electron-Transfer Mediator.. <i>Analytical Sciences</i> , 1999, 15, 589-592.	1.6	24
22	Electrochemical Evaluation of the Interaction between Endocrine Disrupter Chemicals and Estrogen Receptor Using <sup>1712</sup> -Estradiol Labeled with Daunomycin. <i>Analytical Chemistry</i> , 2002, 74, 533-538.	6.5	23
23	Visual colorimetry for determination of trace arsenic in groundwater based on improved molybdenum blue spectrophotometry. <i>Analytical Methods</i> , 2015, 7, 2794-2799.	2.7	22
24	Impact of Peat Fire on the Soil and Export of Dissolved Organic Carbon in Tropical Peat Soil, Central Kalimantan, Indonesia. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 692-701.	2.7	22
25	The Evaluation for Alterations of DOM Components from Upstream to Downstream Flow of Rivers in Toyama (Japan) Using Three-Dimensional Excitation-Emission Matrix Fluorescence Spectroscopy. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 1655-1670.	2.6	21
26	Voltammetric evaluation of lectin's sugar binding at a mannose/thionine-modified Au electrode. <i>Journal of Electroanalytical Chemistry</i> , 2004, 568, 7-12.	3.8	20
27	Electrochemical Detection of Biotin Using an Interaction between Avidin and Biotin Labeled with Ferrocene at a Perfluorosulfonated Ionomer Modified Electrode.. <i>Analytical Sciences</i> , 1999, 15, 863-866.	1.6	19
28	Fiber Optic Sensor for Real-Time Sensing of Silica Scale Formation in Geothermal Water. <i>Scientific Reports</i> , 2017, 7, 3387.	3.3	19
29	Simultaneous Multiselective Spectroelectrochemical Sensing of the Interaction between Protein and Its Ligand Using the Redox Dye Nile Blue as a Label. <i>Analytical Chemistry</i> , 2008, 80, 9642-9648.	6.5	18
30	Evaluation of Binding Between Electroactive Biotin Derivative and Streptavidin Immobilized on Chitin Film. <i>Electroanalysis</i> , 2005, 17, 1659-1664.	2.9	17
31	Influence of Halogen Substituents on the Catalytic Oxidation of 2,4,6-Halogenated Phenols by Fe(III)-Tetrakis(p-hydroxyphenyl) porphyrins and Potassium Monopersulfate. <i>Molecules</i> , 2012, 17, 48-60.	3.8	16
32	Magnetic microbead-based enzyme immunoassay for ovalbumin using hydrodynamic voltammetry and fluorometric detection. <i>Analytical Methods</i> , 2012, 4, 1783.	2.7	15
33	Fundamental Study on the Development of Fiber Optic Sensor for Real-time Sensing of CaCO <sub>3</sub> Scale Formation in Geothermal Water. <i>Analytical Sciences</i> , 2015, 31, 177-183.	1.6	15
34	Effects of forest fire on the properties of soil and humic substances extracted from forest soil in Gunma, Japan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 30325-30338.	5.3	15
35	Electrochemical Evaluation of the Interaction between Avidin and Biotin at Biotinylated Polypyrrole Electrode Using a Redox Marker. <i>Electroanalysis</i> , 2003, 15, 225-229.	2.9	14
36	Binding assay for cholera toxin based on sequestration electrochemistry using lactose labeled with an electroactive compound. <i>Analyst, The</i> , 2011, 136, 2373.	3.5	14

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37	The evaluation of forest fire severity and effect on soil organic matter based on the L*, a*, b* color reading system. <i>Analytical Methods</i> , 2013, 5, 2660.	2.7	14
38	Determination of heavy metal toxicity by using a micro-droplet hydrodynamic voltammetry for microalgal bioassay based on alkaline phosphatase. <i>Chemosphere</i> , 2017, 188, 337-344.	8.2	14
39	Simultaneous Multiselective Spectroelectrochemical Fiber-Optic Sensor: Sensing with an Optically Transparent Electrode. <i>Analytical Chemistry</i> , 2018, 90, 2440-2445.	6.5	14
40	Changes in the chemical composition of soil organic matter including water-soluble component during incubation: A case study of coniferous and broadleaf forest soils. <i>Catena</i> , 2018, 171, 22-28.	5.0	14
41	Evaluation of concanavalin A's mannose interaction on the electrode covered with collagen film. <i>Talanta</i> , 2006, 68, 1176-1181.	5.5	13
42	Design of an electroactive peptide probe for sensing of a protein. <i>Analytica Chimica Acta</i> , 2015, 890, 143-149.	5.4	13
43	Control of electrocatalytic oxidation of NADH using an interaction between labeled biotin with dopamine and avidin. <i>Journal of Electroanalytical Chemistry</i> , 1999, 466, 117-121.	3.8	12
44	Electrochemical Genotoxicity Assay Based on a SOS/umu Test Using Hydrodynamic Voltammetry in a Droplet. <i>Sensors</i> , 2012, 12, 17414-17432.	3.8	12
45	Construction of a peptide with an electroactive daunomycin like a pendant arm to detect ovalbumin. <i>Analytica Chimica Acta</i> , 2015, 857, 71-78.	5.4	12
46	Label-free cytosensing of cancer cells based on the interaction between protein and an electron-transfer carbohydrate-mimetic peptide. <i>Analytica Chimica Acta</i> , 2018, 1040, 166-176.	5.4	12
47	Determination of Tetracycline by Microdroplet Hydrodynamic Adsorptive Voltammetry Using a Multiwalled Carbon Nanotube Paste Rotating Disk Electrode. <i>Analytical Letters</i> , 2019, 52, 1153-1164.	1.8	12
48	Electrochemical Detection of the Interaction Between Avidin and Biotin Based on the Change of Electrode Response of Copper Enhanced by Biotin Labeled with Thiourea. <i>Electroanalysis</i> , 2000, 12, 588-592.	2.9	11
49	Voltammetric behavior of avidin's biotin interaction at a biotin/thionine modified Au electrode. <i>Journal of Electroanalytical Chemistry</i> , 2002, 536, 93-96.	3.8	11
50	Voltammetric detection of ovalbumin using a peptide labeled with an electroactive compound. <i>Analytica Chimica Acta</i> , 2014, 834, 37-44.	5.4	11
51	Development of a Fiber Optic Evanescent Wave Sensor for Anionic Surfactants Using Ethyl Violet. <i>Analytical Letters</i> , 2015, 48, 2217-2222.	1.8	11
52	Hydrodynamic Voltammetry as a Rapid and Simple Method for Evaluating Soil Enzyme Activities. <i>Sensors</i> , 2015, 15, 5331-5343.	3.8	11
53	A Homogenous Assay of FAD Using a Binding Between Apo-Glucose Oxidase and FAD Labeled with an Electroactive Compound. <i>Electroanalysis</i> , 2006, 18, 1001-1006.	2.9	10
54	Effect of salting-out on distribution behavior of di(2-ethylhexyl) phthalate and its analogues between water and sediment. <i>SpringerPlus</i> , 2013, 2, 422.	1.2	10

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55	Fabrication of micromagnetic beads with molecular recognition/electron-transfer peptides for the sensing of ovalbumin. <i>Analytica Chimica Acta</i> , 2017, 958, 30-37.	5.4	10
56	Magnetic beads modified with an electron-transfer carbohydrate-mimetic peptide for sensing of a galactose-dependent protein. <i>Analytica Chimica Acta</i> , 2018, 1001, 158-167.	5.4	10
57	Voltammetric evaluation for the binding of wheat germ agglutinin to glucosamine-modified magnetic microbead. <i>Talanta</i> , 2007, 72, 1123-1128.	5.5	9
58	Evaluation of the toxicity of tetrabromobisphenol A and some of its oxidation products using a micro-scale algal growth inhibition test. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 472-482.	1.2	9
59	The oxidation of tetrabromobisphenol A by potassium monopersulfate with an iron(III)-phthalocyanine-tetrasulfonic acid catalyst in the presence of humic acid. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 981-987.	1.7	9
60	Development of Visual Colorimetry for Formaldehyde in Water Based on Membrane Filtration and Its Application to Tap Water. <i>Bunseki Kagaku</i> , 2006, 55, 525-529.	0.2	8
61	Formation of a Liquid Organic Ion Associate in Aqueous Solution and Its Application to the GF-AAS Determination of Trace Cadmium in Environmental Water as a Complex with 2-(5-Bromo-2-pyridylazo)-5-(N-propyl-N-sulfopropylamino)phenol. <i>Analytical Sciences</i> , 2008, 24, 925-928.	1.6	8
62	Membrane Solubilization Technique for Spectrophotometric Determination of Trace Formaldehyde in Rainwater. <i>Analytical Sciences</i> , 2008, 24, 1455-1459.	1.6	8
63	Electrochemical Sensing of Casein Based on the Interaction between Its Phosphate Groups and a Ruthenium(III) Complex. <i>Analytical Sciences</i> , 2016, 32, 853-859.	1.6	8
64	Micro-organic Ion-associate Phase Extraction/micro-volume Back-extraction for the Preconcentration and GF-AAS Determination of Cadmium, Nickel and Lead in Environmental Water. <i>Analytical Sciences</i> , 2018, 34, 1445-1448.	1.6	8
65	Evanescent-Wave Fiber Optic Sensing of the Anionic Dye Uranine Based on Ion Association Extraction. <i>Sensors</i> , 2020, 20, 2796.	3.8	8
66	Degradation of bisphenol A by photo-fenton processes. <i>Toxicological and Environmental Chemistry</i> , 2003, 85, 95-102.	1.2	7
67	Investigation of formaldehyde pollution of tap water and rain water using a novel visual colorimetry. <i>Water Science and Technology</i> , 2008, 58, 1055-1060.	2.5	7
68	Multiplexed Assay for Proteins Based on Sequestration Electrochemistry Using the Protein Binding Electroactive Magnetic Microbeads. <i>Analytical Sciences</i> , 2012, 28, 77-81.	1.6	7
69	Electrochemical assay of concanavalin A's ovalbumin binding on magnetic beads. <i>Analyst, The</i> , 2012, 137, 3781.	3.5	7
70	Interpretation of the concentrations of aldehydes in rainwater over a wide area and local areas of Japan by some dominant factors. <i>Atmospheric Environment</i> , 2012, 61, 588-596.	4.1	7
71	Monitoring of the interaction between U937 cells and electroactive daunomycin with an arginine-rich peptide. <i>Bioelectrochemistry</i> , 2015, 105, 95-102.	4.6	7
72	Sensing lymphoma cells based on a cell-penetrating/apoptosis-inducing/electron-transfer peptide probe. <i>Analytica Chimica Acta</i> , 2016, 924, 106-113.	5.4	7

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73	A Reusable Fiber Optic Sensor for the Real-Time Sensing of CaCO <sub>3</sub> Scale Formation in Geothermal Water. <i>IEEE Sensors Journal</i> , 2017, 17, 1207-1208.	4.7	7
74	Potential risk of coupling products between tetrahalobisphenol A and humic acid prepared via oxidation with a biomimetic catalyst. <i>Chemosphere</i> , 2018, 204, 63-70.	8.2	7
75	Electrochemical Evaluation of Interaction between Avidin and Biotin Self-assembled Using Marker Ions. <i>Chemistry Letters</i> , 1999, 28, 725-726.	1.3	6
76	Voltammetric sensing of sugar by an electrode covered with wheat germ agglutinin/chitin film. <i>Talanta</i> , 2007, 71, 1637-1641.	5.5	6
77	Electrochemical monitoring of binding between wheat germ agglutinin and cellobiose-modified magnetic microbeads. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 767-772.	3.7	6
78	Successive Determination of Chromium(VI) and Total Chromium by FIA Using Photo-oxidation with Vacuum Ultraviolet. <i>Bunseki Kagaku</i> , 2010, 59, 1133-1136.	0.2	6
79	Electrochemical Long Period Fiber Grating Sensing for Electroactive Species. <i>Analytical Chemistry</i> , 2020, 92, 9714-9721.	6.5	6
80	Spectroelectrochemical Evaluation of a ZnO Optically Transparent Electrode Prepared by the Spinâ€špray Technique. <i>Electroanalysis</i> , 2020, 32, 1681-1688.	2.9	6
81	Fabrication of a cell-recognition/electron-transfer/cross-linker, peptide-immobilized electrode for the sensing of K562 cells. <i>Analytica Chimica Acta</i> , 2020, 1116, 53-61.	5.4	6
82	New fluorometric enzyme immunoassay for 17 $\beta$ -estradiol by homogeneous reaction using biotinylated estradiol. <i>Talanta</i> , 2006, 69, 663-668.	5.5	5
83	Voltammetric Evaluation of the Binding between Wheat Germ Agglutinin and Thionine/Glucose-modified Magnetic Microbeads. <i>Analytical Sciences</i> , 2008, 24, 717-720.	1.6	5
84	Electrochemical sensing of concanavalin A using a non-ionic surfactant with a maltose moiety. <i>Analytica Chimica Acta</i> , 2014, 814, 55-62.	5.4	5
85	A simple and rapid method for simultaneous pre-concentration of eight trace-heavy-metals in water using 1-(2-pyridylazo)-2-naphthol and yttrium for X-ray fluorescence spectrometry. <i>Analytical Methods</i> , 2015, 7, 6545-6551.	2.7	5
86	Fiber Optic Sensor with an Optically Transparent Electrode for Monitoring CaCO <sub>3</sub> Scale Formation in Geothermal Water. , 2017, 1, 1-4.		5
87	Investigation of the effects of electromagnetic field treatment of hot spring water for scale inhibition using a fibre optic sensor. <i>Scientific Reports</i> , 2019, 9, 10719.	3.3	5
88	U-Shaped Polymer Cladding and Hetero-Core Fiber Optic Sensors for Monitoring Scale Formation in Geothermal Brine. <i>Analytical Letters</i> , 2020, 53, 2160-2169.	1.8	5
89	Effect of humic acids on the toxicity of pollutants to <i>Chlamydomonas reinhardtii</i> : Investigation by a microscale algal growth inhibition test. <i>Environmental Science and Pollution Research</i> , 2021, 28, 211-219.	5.3	5
90	Organic Ion-associate Phase Extraction/Back-microextraction for the Preconcentration and Determination of Lithium Using 2,2,6,6-Tetramethyl-3,5-heptanedione by Liquid Electrode Plasma Atomic Emission Spectrometry and GF-AAS in Environmental Water. <i>Analytical Sciences</i> , 2020, 36, 595-600.	1.6	5

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91	Voltammetric Behaviors of Lectin-Sugar Binding Using Au Electrode Modified with Galactosamine. <i>Chemistry Letters</i> , 2000, 29, 214-215.	1.3	4
92	Accumulation Voltammetry of MoO <sub>4</sub> <sup>2-</sup> at a Glassy Carbon Electrode Covered with Chitin Film.. <i>Analytical Sciences</i> , 2002, 18, 195-197.	1.6	4
93	Voltammetric Homogeneous Binding Assay of Biotin without a Separation Step Using Iminobiotin Labeled with an Electroactive Compound. <i>Analytical Sciences</i> , 2005, 21, 897-900.	1.6	4
94	Electrochemical Study of Functionalization on the Surface of a Chitin/Platinum-modified Glassy Carbon Paste Electrode. <i>Analytical Sciences</i> , 2009, 25, 1365-1368.	1.6	4
95	Adsorptive Voltammetry for the Determination of Ochratoxin A Using Enrichment Effect by Cationic Surfactants. <i>Electroanalysis</i> , 2018, 30, 2265-2272.	2.9	4
96	Investigation and modeling of diurnal variation in suburban ambient formaldehyde concentration. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13425-13438.	5.3	4
97	High-heat Effects on the Physical and Chemical Properties of Soil Organic Matter and Its Water-soluble Components in Japan's Forests: A Comprehensive Approach Using Multiple Analytical Methods. <i>Analytical Sciences</i> , 2020, 36, 601-609.	1.6	4
98	Voltammetric investigation of avidin-biotin complex formation using an electroactive bisbiotinyl compound. <i>Analytica Chimica Acta</i> , 2004, 523, 75-80.	5.4	3
99	Quantitative Analysis of 17 $\beta$ -Estradiol in River Water by Fluorometric Enzyme Immunoassay Using Biotinylated Estradiol. <i>Analytical Sciences</i> , 2005, 21, 219-224.	1.6	3
100	Accumulation Voltammetry for 17 $\beta$ -Estradiol Using Hydrophobic Cationic Surfactant and Glassy Carbon Electrode Modified with Multi-Walled Carbon Nanotube Dispersed Nafion Membrane. <i>Bunseki Kagaku</i> , 2008, 57, 613-618.	0.2	3
101	Double-pass configuration to enhance the sensitivity of a polyelectrolyte-coated arc-induced long-period fiber grating. <i>Journal of Electromagnetic Waves and Applications</i> , 2015, 29, 1908-1916.	1.6	3
102	Design of carbohydrate/electron-transfer peptides for human histocytic lymphoma cell sensing. <i>Analytica Chimica Acta</i> , 2017, 983, 198-205.	5.4	3
103	Development of an Attenuated Total Reflection Based Fiber-Optic Sensor for Real-time Sensing of Biofilm Formation. <i>Analytical Sciences</i> , 2017, 33, 883-887.	1.6	3
104	A novel hybrid long period fiber grating-diffusive gradient in thin films sensor system for the detection of mercury (II) ions in water. <i>Optik</i> , 2019, 194, 163040.	2.9	3
105	Micro-droplet Hydrodynamic Voltammetry for the Determination of Microcystin-LR Based on Protein Phosphatase. <i>Journal of Water and Environment Technology</i> , 2019, 17, 18-26.	0.7	3
106	Electrochemical Sensing of Ovalbumin Based on the Interaction between Lysozyme Origin/Tyrosine-rich Peptides Modified on Magnetic Beads and Oligothreonine/Ovalbumin-origin Peptide. <i>Electroanalysis</i> , 2020, 32, 207-216.	2.9	3
107	Evaluation of carbon mineralization and structural alterations of organic carbon in high-moor peat soils during incubation. <i>Journal of Soils and Sediments</i> , 2020, 20, 2843-2854.	3.0	3
108	Potential-Scanning Sensing for Refractive Index Using an Indium Tin Oxide (ITO)-Coated Long-Period Fiber Grating (LPFG). <i>Analytical Letters</i> , 0, , 1-11.	1.8	3

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109	Organic Ion-Associate Phase Microextraction/Back-Microextraction for Preconcentration: Determination of Nickel in Environmental Water Using 2-Thenoyltrifluoroacetone via GF-AAS. <i>AppliedChem</i> , 2021, 1, 130-141.	1.0	3
110	Sensitivity of a Glassy Carbon Electrode Covered with a Chitin Film Improved by the Addition of Carbon Powder. <i>Analytical Sciences</i> , 2009, 25, 105-108.	1.6	2
111	Method to sensitize an arc-induced LPFG-based sensor using double-pass configuration. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 2766-2769.	1.4	2
112	Construction of Protein Probe with a His-tag and an Electron-transfer Peptide for a Target Protein Sensing. <i>Electroanalysis</i> , 2021, 33, 975-986.	2.9	2
113	Voltammetric Behaviors of Wheat-Germ Agglutinin on a Chitin-modified Carbon-Paste Electrode. <i>Analytical Sciences</i> , 2008, 24, 583-587.	1.6	1
114	Estimation of Suppressive Effect of Dissolved Organic Matter on Copper Toxicity Using the Microscaled Algal Growth Inhibition Test. <i>Journal of Japan Society on Water Environment</i> , 2009, 32, 309-314.	0.4	1
115	Peat Fire Impact on Water Quality and Organic Matter in Peat Soil. , 2016, , 281-296.		1
116	Assessing the spatial dispersion of products of the fumarolic activity using remotely sensed snow color in an alpine environment. <i>Remote Sensing of Environment</i> , 2019, 233, 111351.	11.0	1
117	Scale sensor: Rapid monitoring of scale deposition and inhibition using fiber optics in a geothermal system and comparison with other monitoring devices. <i>Geothermics</i> , 2021, 93, 102069.	3.4	1
118	Voltammetric Sensing of Soybean Agglutinin Using an Electrode Modified with Electron-transfer, Carbohydrate-mimetic/Cross-linker-peptide-collagen Film. <i>Electroanalysis</i> , 2022, 34, 464-473.	2.9	1
119	Fundamental Study on the Electrochemical Decomposition of Organic Pollutants in Aqueous Solutions.. <i>Journal of Environmental Chemistry</i> , 2002, 12, 73-78.	0.2	1
120	Electrochemical analysis based on bioaffinity. <i>Analytical Sciences</i> , 2022, 38, 831-832.	1.6	1
121	Electroanalytical study on the interaction between proteins and their ligands. <i>Bunseki Kagaku</i> , 2002, 51, 327-328.	0.2	0
122	Macroporous Diatomaceous Earth Column for the Separation and Simultaneous Determination of Pesticides in the Soil of Golf Courses. <i>Journal of Environmental Chemistry</i> , 2008, 18, 353-359.	0.2	0
123	“Analytical Chemistry for Environmental Sciences”. <i>Analytical Sciences</i> , 2019, 35, 715-715.	1.6	0
124	Development of Accumulation Voltammetry and Electrochemical Binding Assay using Labelled Ligands. <i>Review of Polarography</i> , 2018, 64, 71-78.	0.1	0
125	Electrochemical Decomposition and Adsorption for Removal of Organic Pollutants from Water. <i>Handbook of Environmental Chemistry</i> , 2022, , .	0.4	0