

Fumiki Takahashi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

245
citations

933447

10
h-index

940533

16
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20
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20
docs citations

20
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive screening of methamphetamine stimulant using potential-modulated electrochemiluminescence. <i>Analytica Chimica Acta</i> , 2022, 1191, 339229.	5.4	5
2	Simple colorimetric screening of the nerve agent VX using gold nanoparticles and a hand-powered extraction device. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128902.	7.8	17
3	Electrochemical Properties of Carbon Paste Electrodes Modified with Fluorinated Materials. <i>Electrochemistry</i> , 2021, 89, 100-103.	1.4	2
4	Electrochemiluminescence of Tris(2,2'-bipyridine)ruthenium(II)/Tri-n-propylamine with an Electric Contactless Power Transfer System. <i>Analytical Sciences</i> , 2021, 37, 1309-1313.	1.6	2
5	Cathodic Electrochemiluminescence from Rhodamine B in Aqueous Media Using Peroxydisulfate as Co-reactant. <i>Chemistry Letters</i> , 2021, 50, 1659-1661.	1.3	3
6	Potential-modulated electrochemiluminescence of a tris(2,2'-bipyridine)ruthenium(II) / lidocaine system under 430kHz ultrasound irradiation. <i>Ultrasonics Sonochemistry</i> , 2020, 63, 104947.	8.2	9
7	Electrochemical Determination of Chromium(VI) in River Water with Gold Nanoparticles-Graphene Nanocomposites Modified Electrodes. <i>Analytical Sciences</i> , 2018, 34, 155-160.	1.6	45
8	Electrochemiluminescence and voltammetry of tris(2,2'-bipyridine)ruthenium (II) with amphetamine-type stimulants as coreactants: an application to the discrimination of methamphetamine. <i>Forensic Toxicology</i> , 2018, 36, 185-191.	2.4	13
9	High-Frequency Heating Extraction Method for Sensitive Drug Analysis in Human Nails. <i>Molecules</i> , 2018, 23, 3231.	3.8	9
10	Sonochemical preparation of gold nanoparticles for sensitive colorimetric determination of nereistoxin insecticides in environmental samples. <i>Talanta</i> , 2018, 188, 651-657.	5.5	21
11	Development and application of ultrasound-assisted microextraction to analysis of fenitrothion in environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7473-7479.	3.7	2
12	Electrochemiluminescence of Tris(2,2'-bipyridyl)ruthenium(II) with Ascorbic Acid and Dehydroascorbic Acid in Aqueous and Non-aqueous Solutions. <i>Analytical Sciences</i> , 2016, 32, 443-447.	1.6	10
13	Development of high-frequency heating extraction for drug analysis of human nails. <i>Japanese Journal of Forensic Science and Technology</i> , 2015, 20, 103-112.	0.1	1
14	Characterization of Sonochemical Reactors by an Electrochemiluminescent Probe. <i>Bunseki Kagaku</i> , 2010, 59, 51-56.	0.2	3
15	Enzymatic flow injection method for rapid determination of choline in urine with electrochemiluminescence detection. <i>Bioelectrochemistry</i> , 2010, 79, 147-151.	4.6	19
16	Characterization of electrochemiluminescence of tris(2,2'-bipyridine)ruthenium(II) with glyphosate as coreactant in aqueous solution. <i>Electrochimica Acta</i> , 2010, 55, 5532-5537.	5.2	26
17	Rapid determination of ascorbic acid, dehydroascorbic acid, and total vitamin C by electrochemiluminescence with a thin-layer electrochemical cell. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1669-1675.	3.7	15
18	Sensitive Detection of Hydroxyl Radical Production in Ultrasonic Field with an Electrochemiluminescence Optical Sensor. <i>Chemistry Letters</i> , 2009, 38, 292-293.	1.3	13

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19	Electrochemiluminescence of Tris(2,2'-bipyridine)ruthenium with Various Co-reactants under Ultrasound Irradiation. <i>Electroanalysis</i> , 2008, 20, 1581-1586.	2.9	13
20	Self-quenching in the electrochemiluminescence of Ru(bpy) ₃ ²⁺ using ascorbic acid as co-reactant. <i>Luminescence</i> , 2008, 23, 121-125.	2.9	17