

Naoya Nishi

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5102735/naoya-nishi-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

2,175
citations

27
h-index

41
g-index

121
ext. papers

2,400
ext. citations

3.6
avg, IF

5.08
L-index

#	Paper	IF	Citations
114	Chain-length-dependent change in the structure of self-assembled monolayers of n-alkanethiols on Au(111) probed by broad-bandwidth sum frequency generation spectroscopy. <i>Journal of Chemical Physics</i> , 2003 , 118, 1904-1911	3.9	105
113	Hysteresis of Potential-Dependent Changes in Ion Density and Structure of an Ionic Liquid on a Gold Electrode: In Situ Observation by Surface-Enhanced Infrared Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 3110-3114	6.4	97
112	New class of Ag/AgCl electrodes based on hydrophobic ionic liquid saturated with AgCl. <i>Analytical Chemistry</i> , 2007 , 79, 7187-91	7.8	89
111	Wide electrochemical window at the interface between water and a hydrophobic room-temperature ionic liquid of tetrakis[3,5-bis(trifluoromethyl)phenyl]borate. <i>Analytical Chemistry</i> , 2006 , 78, 2726-31	7.8	84
110	Oxygen chemical potential variation in ceria-based solid oxide fuel cells determined by Raman spectroscopy. <i>Solid State Ionics</i> , 2000 , 135, 481-485	3.3	74
109	Ionic multilayers at the free surface of an ionic liquid, trioctylmethylammonium bis(nonafluorobutanesulfonyl)amide, probed by x-ray reflectivity measurements. <i>Journal of Chemical Physics</i> , 2010 , 132, 164705	3.9	69
108	Facilitated transfer of alkali-metal cations by dibenzo-18-crown-6 across the electrochemically polarized interface between an aqueous solution and a hydrophobic room-temperature ionic liquid. <i>Analytical Chemistry</i> , 2006 , 78, 5805-12	7.8	69
107	Fluorine-free and hydrophobic room-temperature ionic liquids, tetraalkylammonium bis(2-ethylhexyl)sulfosuccinates, and their ionic liquid water two-phase properties. <i>Green Chemistry</i> , 2006 , 8, 349	10	67
106	Ultraslow relaxation of the structure at the ionic liquid gold electrode interface to a potential step probed by electrochemical surface plasmon resonance measurements: asymmetry of the relaxation time to the potential-step direction. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 11615-9	3.6	60
105	Effects of pulse width on nascent laser-induced bubbles for underwater laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014 , 97, 94-98	3.1	54
104	On-site quantitative elemental analysis of metal ions in aqueous solutions by underwater laser-induced breakdown spectroscopy combined with electrodeposition under controlled potential. <i>Analytical Chemistry</i> , 2015 , 87, 1655-61	7.8	51
103	Simultaneous observation of nascent plasma and bubble induced by laser ablation in water with various pulse durations. <i>Journal of Applied Physics</i> , 2015 , 117, 173304	2.5	48
102	Ultraslow response of interfacial tension to the change in the phase-boundary potential at the interface between water and a room-temperature ionic liquid, trioctylmethylammonium bis(nonafluorobutanesulfonyl)amide. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 3273-6	3.4	45
101	Electrochemical instability in the transfer of cationic surfactant across the 1,2-dichloroethane water interface. <i>Langmuir</i> , 2004 , 20, 875-81	4	41
100	Temperature dependence of multilayering at the free surface of ionic liquids probed by X-ray reflectivity measurements. <i>Langmuir</i> , 2011 , 27, 7531-6	4	40
99	AC-Modulated Voltfluorometric Study of the Transient Adsorption of Rose Bengal Dianions in the Transfer across the 1,2-Dichloroethane Water Interface. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 8162-8169	3.4	40
98	Ion Distribution and Hydration Structure in the Stern Layer on Muscovite Surface. <i>Langmuir</i> , 2017 , 33, 3892-3899	4	38

97	Use of highly hydrophobic ionic liquids for ion-selective electrodes of the liquid membrane type. <i>Analytical Sciences</i> , 2008 , 24, 1315-20	1.7	38
96	Charging current probing of the slow relaxation of the ionic liquid double layer at the Pt electrode. <i>Electrochemistry Communications</i> , 2011 , 13, 1365-1368	5.1	36
95	Transfer of the Species Dissolved in a Liquid into Laser Ablation Plasma: An Approach Using Emission Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 26506-26511	3.8	34
94	Interfacial Structure at the Quaternary Ammonium-Based Ionic Liquids Gold Electrode Interface Probed by Surface-Enhanced Infrared Absorption Spectroscopy: Anion Dependence of the Cationic Behavior. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 1658-1666	3.8	33
93	Voltammetry of ion transfer across the electrochemically polarized micro liquid-liquid interface between water and a room-temperature ionic liquid, tetrahexylammonium bis(trifluoromethylsulfonyl)imide, using a glass capillary micropipette. <i>Analytical Sciences</i> , 2006 , 22, 667-71	1.7	33
92	Stability Evaluation of Cation Bridging on Muscovite Surface for Improved Description of Ion-Specific Wettability Alteration. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 9273-9281	3.8	31
91	Regular irregularity in the transfer of anionic surfactant across the liquid/liquid interface. <i>ChemPhysChem</i> , 2003 , 4, 179-85	3.2	30
90	Structure of the electrical double layer on the aqueous solution side of the polarized interface between water and a room-temperature ionic liquid, tetrahexylammonium bis(trifluoromethylsulfonyl)imide. <i>Langmuir</i> , 2007 , 23, 925-9	4	29
89	A digital simulation study of steady-state voltammograms for the ion transfer across the liquid-liquid interface formed at the orifice of a micropipette. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 621, 297-303	4.1	28
88	Polarized Potential Window Available at the Interface Between an Aqueous Electrolyte Solution and Tetraalkylammonium Imide Salts. <i>Electrochemistry</i> , 2004 , 72, 833-835	1.2	28
87	Phase separation of ternary self-assembled monolayers into hydrophobic 1-dodecanethiol domains and electrostatically stabilized hydrophilic domains composed of 2-aminoethanethiol and 2-mercaptoethanesulfonic acid on Au(111). <i>Langmuir</i> , 2005 , 21, 10581-6	4	27
86	Potential-induced restructuring dynamics of ionic liquids on a gold electrode: Steric effect of constituent ions studied by surface-enhanced infrared absorption spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 800, 126-133	4.1	26
85	Dendritic nanofibers of gold formed by the electron transfer at the interface between water and a highly hydrophobic ionic liquid. <i>Chemical Communications</i> , 2015 , 51, 13638-41	5.8	26
84	Electroneutrality coupling of electron transfer at an electrode surface and ion transfer across the interface between thin-layer of 1-octyl-3-methylimidazolium bis(perfluoroalkylsulfonyl)imide covering the electrode surface and an outer electrolyte solution. <i>Analytical Sciences</i> , 2004 , 20, 1553-7	1.7	25
83	Electrocapillarity at the nonpolarized interface between the aqueous solution and the room-temperature molten salt composed of 1-octyl-3-methylimidazolium bis(pentafluoroethylsulfonyl)imide. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 4445	3.6	24
82	Potential dependent structure of an ionic liquid at ionic liquid/water interface probed by x-ray reflectivity measurements. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 759, 129-136	4.1	23
81	Surface Structure of a Hydrophobic Ionic Liquid Probed by Spectroscopic Ellipsometry. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 5097-5102	3.8	22
80	A comparison of the ultraslow relaxation processes at the ionic liquid water interface for three hydrophobic ionic liquids. <i>Electrochemistry Communications</i> , 2010 , 12, 1479-1482	5.1	22

79	Interfacial ion pairing at the interface between water and a room-temperature ionic liquid, N-tetradecylisoquinolinium bis(pentafluoroethylsulfonyl)imide. <i>Langmuir</i> , 2007 , 23, 7608-11	4	22
78	Electrocapillarity and zero-frequency differential capacitance at the interface between mercury and ionic liquids measured using the pendant drop method. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 5219-26	3.6	21
77	Potential-Dependent Structure of the Ionic Layer at the Electrode Interface of an Ionic Liquid Probed Using Neutron Reflectometry. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 9223-9230	3.8	20
76	Voltammetric manifestation of the ultraslow dynamics at the interface between water and an ionic liquid. <i>ChemPhysChem</i> , 2010 , 11, 2912-8	3.2	20
75	Ionic Liquid Water Interface: A New Electrified System for Electrochemistry. <i>Electrochemistry</i> , 2006 , 74, 942-948	1.2	20
74	Molecular Dynamics Simulation of Atomic Force Microscopy at the Water-Muscovite Interface: Hydration Layer Structure and Force Analysis. <i>Langmuir</i> , 2016 , 32, 3608-16	4	20
73	Electrocapillarity under ultraslow relaxation of the ionic liquid double layer at the interface between trioctylmethylammonium bis(nonafluorobutanesulfonyl)amide and water. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 11141-8	3.4	18
72	Phase transition of a binary room-temperature ionic liquid composed of bis(pentafluoroethanesulfonyl)amide salts of tetraheptylammonium and N-tetradecylisoquinolinium and its surface properties at the ionic liquid water interface. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 2321-7	3.4	17
71	Orientation of 1-Dodecyl-4-phenylpyridinium Ions Constituting an Ionic Liquid at the Ionic Liquid Water Interface Studied by Second Harmonic Generation. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 12461-12466	3.8	17
70	Janus-Type Gold/Polythiophene Composites Formed via Redox Reaction at the Ionic Liquid Water Interface. <i>Langmuir</i> , 2018 , 34, 2441-2447	4	16
69	A calibration-free approach for on-site multi-element analysis of metal ions in aqueous solutions by electrodeposition-assisted underwater laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016 , 118, 45-55	3.1	15
68	Ionic liquid structure at the electrified ionic liquid Hg interface studied using in situ spectroscopic ellipsometry. <i>Thin Solid Films</i> , 2014 , 571, 735-738	2.2	14
67	Characterization of electrodeposited gold and palladium nanowire gratings with optical diffraction measurements. <i>Analytical Chemistry</i> , 2009 , 81, 5585-92	7.8	14
66	Wide Polarized Potential Windows at the Interface between Water and an Ionic Liquid, Tetraheptylammonium Tetrakis[3,5-bis(trifluoromethyl)phenyl]borate. <i>Chemistry Letters</i> , 2007 , 36, 1166-1167 ¹⁴	1.7	14
65	A relationship between the force curve measured by atomic force microscopy in an ionic liquid and its density distribution on a substrate. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 30504-30512	3.6	13
64	Comparison of the overall temporal behavior of the bubbles produced by short- and long-pulse nanosecond laser ablations in water using a laser-beam-transmission probe. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	13
63	Anion dependence of camel-shape capacitance at the interface between mercury and ionic liquids studied using pendant drop method. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 789, 108-113	4.1	12
62	Number density distribution of solvent molecules on a substrate: a transform theory for atomic force microscopy. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 15534-44	3.6	12

61	One-dimensional Pt nanofibers formed by the redox reaction at the ionic liquid water interface. <i>Electrochimica Acta</i> , 2018 , 282, 886-891	6.7	12
60	Differential pulse stripping voltammetry of moderately hydrophobic ions based on hydrophobic ionic liquid membranes supported on the Ag/AgCl electrode. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 656, 102-105	4.1	11
59	Hydrophobic Ionic Liquids Composed of Perfluoroalkyltrifluoroborates for Ionic Liquid Water Two-Phase Systems. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 86-92	5.1	11
58	Electrochemical surface plasmon resonance as a probe of redox reactions at the ionic liquid gold interface. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 817, 210-216	4.1	10
57	Orientation of o-, m-, and p-Methylbenzylmercaptans Adsorbed on Au(111) Probed by Broad-Bandwidth Sum Frequency Generation Spectroscopy. <i>Langmuir</i> , 2003 , 19, 6187-6192	4	10
56	Surface Structure of Quaternary Ammonium-Based Ionic Liquids Studied Using Molecular Dynamics Simulation: Effect of Switching the Length of Alkyl Chains. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 7246-7258	3.8	9
55	Effect of Switching the Length of Alkyl Chains on Electric Double Layer Structure and Differential Capacitance at the Electrode Interface of Quaternary Ammonium-Based Ionic Liquids Studied Using Molecular Dynamics Simulation. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 7873-7883	3.8	9
54	Evolution and Reversible Polarity of Multilayering at the Ionic Liquid/Water Interface. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 6412-6419	3.4	9
53	Effect of cation species on surface-induced phase transition observed for platinum complex anions in platinum electrodeposition using nanoporous silicon. <i>Journal of Chemical Physics</i> , 2014 , 141, 074701	3.9	9
52	Analysis of Equilibrium Electrocapillary Curves at the Interface between Hydrophobic Ionic Liquid, Trioctylmethylammonium Bis(nonafluorobutanesulfonyl)amide, and Aqueous Lithium Chloride Solutions. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4463-4466	2.8	9
51	Electrochemical surface plasmon resonance measurements of camel-shaped static capacitance and slow dynamics of electric double layer structure at the ionic liquid/electrode interface. <i>Journal of Chemical Physics</i> , 2020 , 153, 044707	3.9	9
50	Template-Free and Spontaneous Formation of Vertically Aligned Pd Nanofiber Arrays at the Liquid-Liquid Interface between Redox-Active Ionic Liquid and Water. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23731-23740	9.5	8
49	Ionic Liquid-in-Water Emulsion-templated Synthesis of Gold Nanoshells at the Liquid-Liquid Interface between Water and Primary Ammonium-based Ionic Liquids. <i>Chemistry Letters</i> , 2019 , 48, 589-592	1.7	8
48	Effects of temporal laser profile on the emission spectra for underwater laser-induced breakdown spectroscopy: Study by short-interval double pulses with different pulse durations. <i>Journal of Applied Physics</i> , 2015 , 117, 023302	2.5	8
47	Preparation of Dendritic Gold Nanofibers Using a Redox Reaction at the Interface between an Ionic Liquid and Water: Correlation between Viscosity and Nanostructure. <i>Bunseki Kagaku</i> , 2016 , 65, 157-161	0.2	8
46	Determination of the Activity of 1-Methyl-3-octylimidazolium Bis(trifluoromethanesulfonyl)amide in Binary Ionic Liquids from the Solubility in Water. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1980-1985	2.8	8
45	Orientation correlation of sulfosuccinate-based room-temperature ionic liquids studied by polarization-resolved hyper-Rayleigh scattering. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 15322-6	3.4	8
44	Total-internal-reflection broad-bandwidth sum frequency generation spectroscopy of hexadecanethiol adsorbed on thin gold film deposited on CaF ₂ . <i>Analytical Sciences</i> , 2003 , 19, 887-90	1.7	8

43	One-step fabrication of Au@Pd core-shell bimetallic nanofibers at the interface between water and redox-active ionic liquid. <i>Electrochimica Acta</i> , 2019 , 325, 134919	6.7	8
42	Static Capacitance at the Electrochemical Liquid-liquid Interface Between Ionic Liquids and Eutectic Ga-In Alloy Measured Using the Pendant Drop Method. <i>Electrochemistry</i> , 2018 , 86, 38-41	1.2	7
41	Concentration-dependent switching of the mode of phase separation in ternary self-assembled monolayers of 2-mercaptoethane sulfonic acid, 2-aminoethanethiol and 1-dodecanethiol on Au(1 1 1). <i>Journal of Electroanalytical Chemistry</i> , 2007 , 600, 35-44	4.1	7
40	Number Density Distribution of Small Particles around a Large Particle: Structural Analysis of a Colloidal Suspension. <i>Langmuir</i> , 2016 , 32, 11063-11070	4	7
39	An electric double layer structure and differential capacitance at the electrode interface of tributylmethylammonium bis(trifluoromethanesulfonyl)amide studied using a molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 5198-5210	3.6	6
38	Force measurement reveals structure of a confined liquid: Observation of the impenetrable space. <i>Surface Science</i> , 2015 , 641, 242-246	1.8	6
37	Lateral Growth of Polypyrrole Electropolymerized along Hydrophobic Insulative Substrates. <i>ECS Electrochemistry Letters</i> , 2014 , 3, G5-G7		6
36	Artificially phase-separated binary self-assembled monolayers composed of 11-amino-1-undecanethiolate and 10-carboxy-1-decanethiolate on Au(111): A comparative study of two preparing methods. <i>Electrochimica Acta</i> , 2008 , 53, 4900-4906	6.7	6
35	Potential-Dependent Adsorption of Transferring Ions Having Asymmetric Charge Distribution at the 1,2-Dichloroethane Water Interface and Its Ion-Transfer Kinetics Studied by AC-modulated Voltfluorometry. <i>Russian Journal of Electrochemistry</i> , 2003 , 39, 125-129	1.2	6
34	Integral equation theory based method to determine number density distribution of colloidal particles near a substrate using a force curve from colloidal probe atomic force microscopy. <i>Journal of Molecular Liquids</i> , 2019 , 294, 111584	6	5
33	Potential of mean force between spherical particles in an ionic liquid and its decomposition into energetic and entropic components: An analysis using an integral equation theory. <i>Journal of Molecular Liquids</i> , 2018 , 257, 121-131	6	5
32	Interface-templated synthesis of single-crystalline silver chain-like nanobelts at the liquid-liquid interface between water and redox-active ionic liquid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 597, 124747	5.1	4
31	Stratification of Colloidal Particles on a Surface: Study by a Colloidal Probe Atomic Force Microscopy Combined with a Transform Theory. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 4592-4599	3.4	4
30	Spontaneous Formation of Microgroove Arrays on the Surface of p-Type Porous Silicon Induced by a Turing Instability in Electrochemical Dissolution. <i>ChemPhysChem</i> , 2015 , 16, 1613-8	3.2	4
29	Simultaneous Synthesis of One-and Two-Dimensional Gold Nanostructures/Reduced Graphene Oxide Composites in the Redox-Active Ionic Liquid/Water Interfacial System. <i>Chemistry of Materials</i> , 2020 , 32, 6374-6383	9.6	4
28	Efficient detection of emission lines for H and O and the use as an internal standard for underwater LIBS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 345-351	3.7	4
27	In-situ electrochemical SPR study of gold surface smoothing by repetitive cathodic deposition and anodic dissolution of copper in an ionic liquid. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 877, 114611	4.1	3
26	?????????????????????????????????. <i>Review of Polarography</i> , 2007 , 53, 41-50	0.2	3

25	Fluorescence Lifetime Measurements of Coumarin 343 for Sub-ps Solvation Dynamics in W Aerosol-OT 1,2-Dichloroethane Reverse Micelle Systems. <i>Bunseki Kagaku</i> , 2005 , 54, 485-494	0.2	3
24	How Viscous Is the Solidlike Structure at the Interface of Ionic Liquids? A Study Using Total Internal Reflection Fluorescence Spectroscopy with a Fluorescent Molecular Probe Sensitive to High Viscosity. <i>Langmuir</i> , 2020 , 36, 10397-10403	4	3
23	Evaluation of static differential capacitance at the [Cmim][TfSA]/electrode interface using molecular dynamics simulation combined with electrochemical surface plasmon resonance measurements. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 13905-13917	3.6	3
22	Ionic Liquids as Liquid Materials for Analytical Chemistry. <i>Analytical Sciences</i> , 2020 , 36, 1-2	1.7	2
21	Two-dimensional array of particles originating from dipole-dipole interaction as evidenced by potential curve measurements at vertical oil/water interfaces. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 16976-84	3.6	2
20	Surface Structure of Quaternary Ammonium Based Ionic Liquid Studied Using Molecular Dynamics Simulation. <i>Bunseki Kagaku</i> , 2015 , 64, 219-224	0.2	2
19	An Improved Model-potential-free Analysis of the Structure Factor Obtained from a Small-angle Scattering: Acquisitions of the Pair Distribution Function and the Pair Potential. <i>Chemistry Letters</i> , 2020 , 49, 1017-1021	1.7	2
18	Signal enhancement in underwater long-pulse laser-induced breakdown spectroscopy for the analysis of bulk water. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 1170-1179	3.7	2
17	Calculation method of the number density distribution of liquid molecules or colloidal particles near a substrate from surface force apparatus measurement. <i>Chemical Physics Letters</i> , 2020 , 754, 137666	2.5	1
16	Enhancement of stratification of colloidal particles near a substrate induced by addition of non-adsorbing polymers. <i>Chemical Physics Letters</i> , 2019 , 734, 136705	2.5	1
15	Comparison of atomic force microscopy force curve and solvation structure studied by integral equation theory. <i>Journal of Chemical Physics</i> , 2021 , 154, 164702	3.9	1
14	In Situ Surface Roughness Analysis of Electrodeposited Co Films in an Ionic Liquid Using Electrochemical Surface Plasmon Resonance: Effect of Leveling Additives. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 072505	3.9	1
13	Simultaneous detection of a submerged Cu target and bulk water by long-pulse laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 1960-1968	3.7	1
12	Electrochemical liquid-liquid interface between oil and ionic liquid for reductive deposition of metal nanostructures. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 881, 114959	4.1	1
11	Potential dependence of the ionic structure at the ionic liquid/water interface studied using MD simulation. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 22367-22374	3.6	1
10	Interfacial Viscosity and Ionic Reorientation Probed Using Electrochemical Surface Plasmon Resonance at the Gold Electrode Interface of Ionic Liquids. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 116299	4.1	1
9	Improvement of the Nelder-Mead method using Direct Inversion in Iterative Subspace. <i>Optimization and Engineering</i> , 1	2.1	0
8	Au Nanofiber/CNT 1D/1D Composites Formed Via Redox Reaction at the Ionic Liquid/Water Interface. <i>Langmuir</i> , 2021 , 37, 9553-9559	4	0

7	Analysis of pulse-to-pulse fluctuation in underwater Laser-Induced Breakdown Spectroscopy on the basis of error propagation calculation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021 , 183, 10627-10637	3.1	○
6	Solid Surface Induced Anisotropic Clustering in Ethanol-Cyclohexane Binary Liquids Studied by Molecular Dynamics Simulations. <i>Chemistry Letters</i> , 2021 , 50, 1662-1666	1.7	○
5	Vibration of Water Sessile Drops in Various Oils. <i>Chemistry Letters</i> , 2017 , 46, 1337-1340	1.7	
4	Optical Second Harmonic Generation Study of the Structure of the Interface between Water and an Ionic Liquid Based on N-Alkylisoquinolinium Ions. <i>Bunseki Kagaku</i> , 2007 , 56, 491-497	0.2	
3	Adsorption Properties of Alkylsulfate Ions at the Ionic Liquid/Water Interfaces: Ionic Liquid Cation Dependence. <i>Bunseki Kagaku</i> , 2021 , 70, 521-527	0.2	
2	Molecular-level Structure at the Surface of Ionic Liquids. <i>Oleoscience</i> , 2015 , 15, 305-310	0.1	
1	Correction: Number density distribution of solvent molecules on a substrate: a transform theory for atomic force microscopy. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 19973-19974	3.6	