Tetsuya Tsuda

List of Publications by Year
in descending order

156	5,400	81900	88630
papers	citations	39 h-index	70 g-index

161	161	161	5781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Frontiers in Materials Science Opened by Ionic Liquids. Advanced Materials, 2010, 22, 1196-1221.	21.0	803
2	In situ SEM study of a lithium deposition and dissolution mechanism in a bulk-type solid-state cell with a Li2Sâ€“P2S5 solid electrolyte. Physical Chemistry Chemical Physics, 2013, 15, 18600.	2.8	233
3	Nanoparticle-Stabilized Cholesteric Blue Phases. Applied Physics Express, 2009, 2, 121501.	2.4	230
4	The Application of Room Temperature Molten Salt with Low Viscosity to the Electrolyte for Dye-Sensitized Solar Cell. Chemistry Letters, 2001, 30, 26-27.	1.3	182
5	Acidic 1-ethyl-3-methylimidazolium fluoride: a new room temperature ionic liquid. Journal of Fluorine Chemistry, 1999, 99, 1-3.	1.7	157
6	A Highly Conductive Room Temperature Molten Fluoride: EMIFâ‹…2.3HF. Journal of the Electrochemical Society, 2002, 149, D1.	2.9	153
7	Room-Temperature Ionic Liquid. A New Medium for Material Production and Analyses under Vacuum Conditions. Journal of Physical Chemistry Letters, 2010, 1, 3177-3188.	4.6	144
8	Physicochemical Properties of 1,3-Dialkylimidazolium Fluorohydrogenate Room-Temperature Molten Salts. Journal of the Electrochemical Society, 2003, 150, D195.	2.9	137
9	Basolateral Mg2+ Extrusion via CNNM4 Mediates Transcellular Mg2+ Transport across Epithelia: A Mouse Model. PLoS Genetics, 2013, 9, e1003983.	3.5	130
10	Electrochemical Applications of Room-Temperature Ionic Liquids. Electrochemical Society Interface, 2007, 16, 42-49.	0.4	130
11	Electrochemistry of Titanium and the Electrodeposition of Al-Ti Alloys in the Lewis Acidic Aluminum Chlorideâ€“1-Ethyl-3-methylimidazolium Chloride Melt. Journal of the Electrochemical Society, 2003, 150, C234.	2.9	117
12	An AlCl3 based ionic liquid with a neutral substituted pyridine ligand for electrochemical deposition of aluminum. Electrochimica Acta, 2015, 160, 82-88.	5.2	108
13	Polymer gel electrolytes for application in aluminum deposition and rechargeable aluminum ion batteries. Chemical Communications, 2016, 52, 292-295.	4.1	101
14	Nanoparticleâ€Dispersed Liquid Crystals Fabricated by Sputter Doping. Advanced Materials, 2010, 22, 622-626.	21.0	81
15	SEM Observation of Wet Biological Specimens Pretreated with Roomâ€Temperature Ionic Liquid. ChemBioChem, 2011, 12, 2547-2550.	2.6	75
16	Electrodeposition of Al-Mo Alloys from the Lewis Acidic Aluminum Chloride-1-ethyl-3-methylimidazolium Chloride Molten Salt. Journal of the Electrochemical Society, 2004, 151, C379.	2.9	74
17	Gate-Tunable Spin-Charge Conversion and the Role of Spin-Orbit Interaction in Graphene. Physical Review Letters, 2016, 116, 166102.	7.8	70
18	Design, Synthesis, and Electrochemistry of Roomâ€Temperature Ionic Liquids Functionalized with Propylene Carbonate. Angewandte Chemie - International Edition, 2011, 50, 1310-1313.	13.8	67

#	Article	IF	Citations
19	In situ Scanning Electron Microscopy of Silicon Anode Reactions in Lithium-Ion Batteries during Charge/Discharge Processes. Scientific Reports, 2016, 6, 36153.	3.3	65
20	Gold nanoparticles prepared with a room-temperature ionic liquidâ€“radiation irradiation method. Chemical Communications, 2009, , 6792.	4.1	63
21	Atomic Resolution Imaging of Gold Nanoparticle Generation and Growth in Ionic Liquids. Journal of the American Chemical Society, 2014, 136, 13789-13797.	13.7	61
22	Simple observation of Streptococcus mutans biofilm by scanning electron microscopy using ionic liquids. AMB Express, 2015, 5, 6.	3.0	60
23	Platinum nanoparticle immobilization onto carbon nanotubes using Pt-sputtered room-temperature ionic liquid. RSC Advances, 2012, 2, 8262.	3.6	59
24	Reviewâ€”Electrochemical Surface Finishing and Energy Storage Technology with Room-Temperature Haloaluminate Ionic Liquids and Mixtures. Journal of the Electrochemical Society, 2017, 164, H5007-H5017.	2.9	59
25	Structural characteristics of 1-ethyl-3-methylimidazolium bifluoride: HF-deficient form of a highly conductive room temperature molten salt. Solid State Sciences, 2002, 4, 23-26.	3.2	58
26	Electrodeposition of Al-Zr Alloys from Lewis Acidic Aluminum Chloride-1-Ethyl-3-methylimidazolium Chloride Melt. Journal of the Electrochemical Society, 2004, 151, C447.	2.9	58
27	Oxygen reduction catalytic ability of platinum nanoparticles prepared by room-temperature ionic liquid-sputtering method. Journal of Power Sources, 2010, 195, 5980-5985.	7.8	58
28	Electrochemistry of Copper(I) Oxide in the 66.7â€“33.3 mol % Ureaâ€“Choline Chloride Room-Temperature Eutectic Melt. Journal of the Electrochemical Society, 2010, 157, F96.	2.9	54
29	Electrocatalytic Activity of Platinum Nanoparticles Synthesized by Room-Temperature Ionic Liquid-Sputtering Method. Electrochemistry, 2009, 77, 693-695.	1.4	51
30	Electrodeposition of Alâ€“Moâ€“Ti Ternary Alloys in the Lewis Acidic Aluminum Chlorideâ€“1-Ethyl-3-methylimidazolium Chloride Room-Temperature Ionic Liquid. Journal of the Electrochemical Society, 2008, 155, D256.	2.9	50
31	Electrodeposition of lanthanum in lanthanum chloride saturated AlCl3â€“1-ethyl-3-methylimidazolium chloride molten salts. Electrochimica Acta, 2001, 46, 1891-1897.	5.2	49
32	Nucleation and surface morphology of aluminumâ€“lanthanum alloy electrodepsited in a LaCl3-saturated AlCl3â€“EtMeImCl room temperature molten salt. Electrochimica Acta, 2002, 47, 2817-2822.	5.2	47
33	Electroless Plating of Aluminum from a Room-Temperature Ionic Liquid Electrolyte. Journal of the Electrochemical Society, 2008, 155, D155.	2.9	46
34	Electrochemistry of Room-Temperature Ionic Liquids and Melts. Modern Aspects of Electrochemistry, 2009, , 63-174.	0.2	43
35	Highly durable Pt nanoparticle-supported carbon catalysts for the oxygen reduction reaction tailored by using an ionic liquid thin layer. Journal of Materials Chemistry A, 2016, 4, 12152-12157.	10.3	43
36	Graphene Nanoplatelet Composite Cathode for a Chloroaluminate Ionic Liquid-Based Aluminum Secondary Battery. ACS Applied Energy Materials, 2018, 1, 2269-2274.	5.1	41

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37	A highly conductive composite electrolyte consisting of polymer and room temperature molten fluorohydrogenates. Solid State Ionics, 2002, 149, 295-298.	2.7	39
38	Electrodeposition of Al-Mo-Mn Ternary Alloys from the Lewis Acidic AlCl[sub 3]-EtMeImCl Molten Salt. Journal of the Electrochemical Society, 2005, 152, C620.	2.9	39
39	Electrodeposition of photocatalytic AlInSb semiconductor alloys in the Lewis acidic aluminum chlorideâ^'1-ethyl-3-methylimidazolium chloride room-temperature ionic liquid. Thin Solid Films, 2008, 516, 6220-6225.	1.8	39
40	Size and shape of Au nanoparticles formed in ionic liquids by electron beam irradiation. Physical Chemistry Chemical Physics, 2011, 13, 14823.	2.8	39
41	Various metal nanoparticles produced by accelerated electron beam irradiation of room-temperature ionic liquid. Chemical Communications, 2012, 48, 1925.	4.1	39
42	In situSEM observation of the Si negative electrode reaction in an ionic-liquid-based lithium-ion secondary battery. Microscopy (Oxford, England), 2015, 64, 159-168.	1.5	37
43	Ultrathin oxide shell coating of metal nanoparticles using ionic liquid/metal sputtering. Journal of Materials Chemistry A, 2015, 3, 6177-6186.	10.3	37
44	Immobilization of Pd on Nanosilica Dendrimer as SILC: Highly Active and Sustainable Cluster Catalyst for Suzuki-Miyaura Reaction. Synlett, 2010, 2010, 1990-1996.	1.8	36
45	Polymerization of Room-Temperature Ionic Liquid Monomers by Electron Beam Irradiation with the Aim of Fabricating Three-Dimensional Micropolymer/Nanopolymer Structures. Langmuir, 2015, 31, 4281-4289.	3.5	33
46	Rechargeable aluminum batteries utilizing a chloroaluminate inorganic ionic liquid electrolyte. Chemical Communications, 2018, 54, 4164-4167.	4.1	33
47	The structures of alkylimidazolium fluorohydrogenate molten salts studied by high-energy X-ray diffraction. Journal of Non-Crystalline Solids, 2002, 312-314, 414-418.	3.1	32
48	Physicochemical Properties of Tri-n-butylalkylphosphonium Cation-Based Room-Temperature Ionic Liquids. Journal of Physical Chemistry B, 2013, 117, 15051-15059.	2.6	32
49	Progress in Surface Finishing with Lewis Acidic Room-Temperature Chloroaluminate Ionic Liquids. ECS Transactions, 2006, 3, 217-231.	0.5	31
50	Ambipolar transport in bulk crystals of a topological insulator by gating with ionic liquid. Physical Review B, 2012, 86, .	3.2	29
51	Electrochemistry in Ultrahigh Vacuum:Â Underpotential Deposition of Al on Polycrystalline W and Au from Room Temperature AlCl3/1-Ethyl-3-methylimidazolium Chloride Melts. Journal of Physical Chemistry B, 2005, 109, 11296-11300.	2.6	28
52	In Situ Monitoring of Lithium Metal Anodes and Their Solid Electrolyte Interphases by Transmission Electron Microscopy. Small Structures, 2021, 2, 2100018.	12.0	27
53	Improving Purity and Process Volume During Direct Electrolytic Reduction of Solid SiO₂ in Molten CaCl₂ for the Production of Solarâ€Grade Silicon. Energy Technology, 2013, 1, 245-252.	3.8	26
54	Visualization of Si Anode Reactions in Coin-Type Cells via Operando Scanning Electron Microscopy. ACS Applied Materials & Interfaces, 2017, 9, 35511-35515.	8.0	26

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55	Recovery of Cesium Extracted from Simulated Tank Waste with an Ionic Liquid: Water and Oxygen Effects. Journal of the Electrochemical Society, 2006, 153, D171.	2.9	25
56	The Effect of Hydrophilic Ionic Liquids 1-Ethyl-3-Methylimidazolium Lactate and Choline Lactate on Lipid Vesicle Fusion. PLoS ONE, 2013, 8, e85467.	2.5	25
57	Three-dimensional micro/nano-scale structure fabricated by combination of non-volatile polymerizable RTIL and FIB irradiation. Scientific Reports, 2014, 4, 3722.	3.3	24
58	Ionic Liquid Fluorohydrogenates and Their Applications. ECS Transactions, 2006, 3, 187-193.	0.5	23
59	Chemistry in heterocyclic ammonium fluorohydrogenate room-temperature ionic liquid. Journal of Fluorine Chemistry, 2008, 129, 4-13.	1.7	22
60	Nonvolatile RTILâ€Based Artificial Muscle: Actuation Mechanism Identified by In Situ EDX Analysis. Chemistry - A European Journal, 2011, 17, 11122-11126.	3.3	22
61	Observation of Electrochemical Reaction and Biological Specimen by Novel Analytical Technique Combined with Room-Temperature Ionic Liquid and Scanning Electron Microscope. Electrochemistry, 2012, 80, 308-311.	1.4	21
62	Boron and nitrogen co-doped ordered microporous carbons with high surface areas. Chemical Communications, 2017, 53, 13348-13351.	4.1	21
63	SEM Observation of Hydrous Superabsorbent Polymer Pretreated with Room-Temperature Ionic Liquids. PLoS ONE, 2014, 9, e91193.	2.5	21
64	Tris(1-ethyl-3-methylimidazolium) hexachlorolanthanate. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, m186-m187.	0.4	20
65	Metal-Ion Diffusion in Ionic Liquid Studied by Electrochemical Scanning Electron Microscopy with X-ray Fluorescence Spectrometry. Journal of Physical Chemistry C, 2012, 116, 20902-20907.	3.1	20
66	Direct Observation of Short-Range Structural Coherence During a Charge Transfer Induced Spin Transition in a CoFe Prussian Blue Analogue by Transmission Electron Microscopy. Journal of the American Chemical Society, 2015, 137, 14686-14693.	13.7	20
67	In situ electron microscopy and X-ray photoelectron spectroscopy for high capacity anodes in next-generation ionic liquid-based Li batteries. Electrochimica Acta, 2018, 279, 136-142.	5.2	20
68	Gold Nanoparticle Assisted Self-Assembly and Enhancement of Charge Carrier Mobilities of a Conjugated Polymer. Journal of Physical Chemistry C, 2012, 116, 17343-17350.	3.1	19
69	Electrochemical Energy Storage Device with a Lewis Acidic AlBr₃â"1-Ethyl-3-methylimidazolioum Bromide Room-Temperature Ionic Liquid. Journal of the Electrochemical Society, 2014, 161, A908-A914.	2.9	19
70	Oxygen reduction electrocatalysts sophisticated by using Pt nanoparticle-dispersed ionic liquids with electropolymerizable additives. Journal of Materials Chemistry A, 2018, 6, 11853-11862.	10.3	19
71	Electrodeposition of aluminumâ€"hafnium alloy from the Lewis acidic aluminum chloride-1-ethyl-3-methylimidazolium chloride molten salt. Journal of Solid State Electrochemistry, 2013, 17, 409-417.	2.5	18
72	Electrodeposition of Al-W Alloys in the Lewis Acidic Aluminum Chlorideâ"1-Ethyl-3-Methylimidazolium Chloride Ionic Liquid. Journal of the Electrochemical Society, 2014, 161, D405-D412.	2.9	18

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73	Ptâ€Nanoparticleâ€Supported Carbon Electrocatalysts Functionalized with a Protic Ionic Liquid and Organic Salt. Advanced Materials Interfaces, 2018, 5, 1701123.	3.7	18
74	Anodic electrode reaction of p-type silicon in 1-ethyl-3-methylimidazolium fluorohydrogenate room-temperature ionic liquid. Electrochimica Acta, 2008, 53, 3650-3655.	5.2	17
75	Physicochemical properties of highly conductive ureaâ€“EtMeImCl melts. Chemical Communications, 2008, , 2908.	4.1	17
76	Graphene-Coated Activated Carbon Fiber Cloth Positive Electrodes for Aluminum Rechargeable Batteries with a Chloroaluminate Room-Temperature Ionic Liquid. Journal of the Electrochemical Society, 2017, 164, A2468-A2473.	2.9	16
77	Macroporous Silicon Formation on n-Si in Room-Temperature Fluorohydrogenate Ionic Liquid. Electrochemical and Solid-State Letters, 2007, 10, D25.	2.2	15
78	Preparation of gold nanoparticles using reactive species produced in room-temperature ionic liquids by accelerated electron beam irradiation. RSC Advances, 2012, 2, 11801.	3.6	15
79	In-situ scanning electron microscope observation of electrode reactions related to battery material. Electrochimica Acta, 2019, 319, 158-163.	5.2	15
80	Physicochemical properties of 1-alkyl-3-methylimidazolium chlorideâ€“urea melts. Electrochimica Acta, 2013, 100, 285-292.	5.2	14
81	An ionic liquid-Fe3O4 nanoparticles-graphite composite electrode used for nonenzymatic electrochemical determination of hydrogen peroxide. Journal of Electroanalytical Chemistry, 2014, 729, 109-115.	3.8	14
82	Physicochemical properties of phenyltrifluoroborate-based room temperature ionic liquids. Journal of Molecular Liquids, 2017, 246, 236-243.	4.9	14
83	Electrochemical Behavior of Copper(I) Oxide in Urea-Choline Chloride Room-Temperature Melts. ECS Transactions, 2009, 16, 529-540.	0.5	13
84	Platinum Nanoparticle-Supported Electrocatalysts Functionalized by Carbonization of Protic Ionic Liquid and Organic Salts. ACS Applied Energy Materials, 2018, 1, 3030-3034.	5.1	13
85	Al-W Alloy Deposition from Lewis Acidic Room-Temperature Chloroaluminate Ionic Liquid. ECS Transactions, 2013, 50, 239-250.	0.5	12
86	Platinum and PtNi Nanoparticle-Supported Multiwalled Carbon Nanotube Electrocatalysts Prepared by One-Pot Pyrolytic Synthesis with an Ionic Liquid. ACS Applied Energy Materials, 2019, 2, 4865-4872.	5.1	12
87	Development of an electrochemical cell forin situtransmission electron microscopy observation. Microscopy (Oxford, England), 2014, 63, 481-486.	1.5	11
88	Physicochemical Properties and Electrochemical Behavior of Systematically Functionalized Aryltrifluoroborate-Based Room-Temperature Ionic Liquids. Journal of Physical Chemistry C, 2018, 122, 3286-3294.	3.1	11
89	Graphene Nanoplatelet-Polysulfone Composite Cathodes for High-Power Aluminum Rechargeable Batteries. Electrochemistry, 2018, 86, 72-76.	1.4	11
90	Electrodeposition of Al-W-Mn Ternary Alloys from the Lewis Acidic Aluminum Chlorideâ'1-Ethyl-3-methylimidazolium Chloride Ionic Liquid. Journal of the Electrochemical Society, 2015, 162, D405-D411.	2.9	10

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91	SEM as a Facile Tool for Real-Time Monitoring of Microcrystal Growth during Electrodeposition: The Merit of Ionic Liquids. Analytical Chemistry, 2017, 89, 7249-7254.	6.5	10
92	Electrolytic Reduction of Solid SiO2 in Molten CaCl2 for the Production of Solar-grade Silicon. ECS Transactions, 2009, 16, 239-245.	0.5	9
93	Ionic liquid-based transmission electron microscopy for herpes simplex virus type 1. Biophysical Reviews, 2018, 10, 927-929.	3.2	9
94	Lithium-ion battery performance enhanced by the combination of Si thin flake anodes and binary ionic liquid systems. Materials Advances, 2020, 1, 625-631.	5.4	9
95	Electron microscopy using ionic liquids for life and materials sciences. Microscopy (Oxford,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.5	9
96	Fluorohydrogenate Cluster Ions in the Gas Phase: Electrospray Ionization Mass Spectrometry of the [1-Ethyl-3-methylimidazolium⁺][F(HF)_{2.3}^{â€“}] Ionic Liquid. Journal of Physical Chemistry A, 2013, 117, 14191-14199.	2.5	8
97	Simple Observation of the Interaction between Nanoparticles and Cells by Scanning Electron Microscopy Employing Ionic Liquid. Bulletin of the Chemical Society of Japan, 2013, 86, 153-158.	3.2	8
98	Fine Patterning of Silver Metal by Electron Beam Irradiation onto Room-temperature Ionic Liquid. Chemistry Letters, 2015, 44, 312-314.	1.3	8
99	Alkali Metal Salts with Designable Aryltrifluoroborate Anions. Journal of Physical Chemistry B, 2016, 120, 9468-9476.	2.6	8
100	Production of Gas-Phase Uranium Fluoroanions Via Solubilization of Uranium Oxides in the [1-Ethyl-3-Methylimidazolium]⁺[F(HF)_{2.3}]^{â^’} Ionic Liquid. Journal of the American Society for Mass Spectrometry, 2018, 29, 1963-1970.	2.8	7
101	One-Pot Synthesis of PtNi Alloy Nanoparticle-Supported Multiwalled Carbon Nanotubes in an Ionic Liquid Using a Staircase Heating Process. ACS Omega, 2020, 5, 25687-25694.	3.5	7
102	Innovative Approach for Preparing a CNT-Supported Pt Nanoparticle Functional Electrocatalyst Using Protic Ionic Liquids. ACS Applied Energy Materials, 2021, 4, 7298-7308.	5.1	7
103	Carbon Composite with Pt Nanoparticles Prepared by Room-Temperature Ionic Liquid-Sputtering Method. ECS Transactions, 2010, 33, 127-133.	0.5	6
104	Double Layer Capacitance Properties of Monodisperse Carbon Particles with High Porosity Derived from Polyacrylonitrile Synthesized by Dispersion Polymerization. Electrochemistry, 2015, 83, 348-350.	1.4	6
105	Interaction between living cells and polymeric particles: potential application of ionic liquid for evaluating the cellular uptake of biodegradable polymeric particles composed of poly(amino acid). Polymer Journal, 2015, 47, 631-638.	2.7	6
106	Inorganic AlCl₃â€“alkali metal thiocyanate ionic liquids as electrolytes for electrochemical Al technologies. Chemical Communications, 2020, 56, 15297-15300.	4.1	6
107	Introduction of Ionic Liquid to Vacuum Conditions for Development of Material Productions and Analyses. Electrochemistry, 2012, 80, 498-503.	1.4	5
108	Use of Ionic Liquid Under Vacuum Conditions. , 0, , .		5

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109	Multifunctional electropolymerizable carbazole-based ionic liquids. RSC Advances, 2016, 6, 15735-15744.	3.6	5
110	Operando Observation of Vacuum and Liquid Interface while Conducting Gold Sputtering onto Ionic Liquid for Preparation of Au Nanoparticles. Electrochemistry, 2018, 86, 223-225.	1.4	5
111	Aluminum metal anode rechargeable batteries with sulfurâ€“carbon composite cathodes and inorganic chloroaluminate ionic liquid. Chemical Communications, 2022, 58, 1518-1521.	4.1	5
112	Irradiation-Induced Metal Nanoparticles in Room-Temperature Ionic Liquid. ECS Transactions, 2010, 33, 543-554.	0.5	4
113	The Structure of Electrodeposited Aluminum Alloys from Chloroaluminate Ionic Liquids: Let's Not Ignore the Temperature. ECS Transactions, 2014, 64, 535-547.	0.5	4
114	The Capacitor Properties of KOH Activated Porous Carbon Beads Derived from Polyacrylonitrile. Bulletin of the Chemical Society of Japan, 2019, 92, 832-839.	3.2	4
115	Anodic Hydrogen Electrode Reaction in Aluminum Chloride-1-Ethyl-3-methylimidazolium Chloride Ionic Liquids. Electrochemistry, 2005, 73, 644-650.	1.4	4
116	Various in situ SEM Techniques for Observing Electrode Surface Reactions in Ionic Liquid. Hyomen Kagaku, 2009, 30, 368-373.	0.0	3
117	Generation of gasâ€phase zirconium fluoroanions by electrospray of an ionic liquid. Rapid Communications in Mass Spectrometry, 2014, 28, 1233-1242.	1.5	3
118	Iron Fluoroanions and Their Clusters by Electrospray Ionization of a Fluorinating Ionic Liquid. Journal of the American Society for Mass Spectrometry, 2015, 26, 1559-1569.	2.8	3
119	Use of ionic liquid for X-ray micro-CT specimen preparation of imbibed seeds. Microscopy (Oxford,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	3
120	Influence of Operating Conditions on Deposition Rate and Smoothness of Electrolytic Aluminum Foil Using Chloroaluminate Ionic Liquids. Journal of the Electrochemical Society, 2021, 168, 056510.	2.9	3
121	Investigation on Operating Conditions Influencing the Aluminum Electrolysis Using Chloroaluminate Ionic Liquids. ECS Transactions, 2020, 98, 223-230.	0.5	3
122	Title is missing!. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2009, 60, 497-501.	0.2	2
123	Fundamental Research on Biomedical Application of Al-Mo-Ti Alloy Electrodeposited from AlCl₃â€'1-Ethyl-3-methylimidazolium Chloride Melt. Transactions of the Materials Research Society of Japan, 2010, 35, 43-46.	0.2	2
124	Nanoparticle Preparation in Room-Temperature Ionic Liquid under Vacuum Condition. , 0, , .		2
125	Electrodeposition of Al-W-Mn Alloy from Lewis Acidic AlCl3-1-Ethyl-3-Methylimidazolium Chloride Ionic Liquid. ECS Transactions, 2014, 64, 563-574.	0.5	2
126	Electrocatalyst: Ptâ€Nanoparticleâ€Supported Carbon Electrocatalysts Functionalized with a Protic Ionic Liquid and Organic Salt (Adv. Mater. Interfaces 3/2018). Advanced Materials Interfaces, 2018, 5, 1870010.	3.7	2

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127	Development of new production processes for aluminum. Keikinzoku/Journal of Japan Institute of Light Metals, 2019, 69, 15-21.	0.4	2
128	Electric Double Layer Capacitors Based on Polyacrylonitrile-derived Porous Carbon Beads: Effects of Particle Size and Composite. Electrochemistry, 2019, 87, 119-122.	1.4	2
129	Aluminum and Zinc Metal Anode Batteries. , 2021, , 565-580.		2
130	Cesium Recovery from Tank Waste Using the CsHg Alloying Reaction in Hydrophobic Room-Temperature Ionic Liquids: A Green Chemistry Approach. ECS Transactions, 2006, 1, 25-36.	0.5	1
131	å^†æ¥µæ›²ç·šÂ·ã,µã,ã,¯ãƒªãƒƒã,¯ãƒœãƒ«ã,¿ãƒ³ãƒ¡ãƒˆãƒªãƒ¼ï¼^14ï¼‰ã,ªãƒ³æ¶²ä½“Â·æº¶èžå¡©. Electrochemistry, 2010, 78, 54	1.4	1
132	Preparation of Pt Nanoparticle-Adsorbed Carbon Nanotubes Using Room Temperature Ionic Liquid and Their Use as Electrocatalyst for Oxygen Reduction. ECS Transactions, 2014, 64, 493-498.	0.5	1
133	Synthesis of Novel Ionic Liquids with Aromatic Trifluoroborate Anions. ECS Transactions, 2014, 64, 83-93.	0.5	1
134	Epoxy-Containing Ionic Liquids with Tunable Functionality. Molecules, 2019, 24, 2591.	3.8	1
135	Influence of Electrolytic Condition on Surface Smoothness of Electrolytic Aluminum Foil from AlCl₃-EMIC Melt. ECS Meeting Abstracts, 2019, MA2019-02, 961-961.	0.0	1
136	PtNi Alloy Nanoparticle-Supported MWCNTs Produced in a Nickel(II) Oxalate Dihydrate Dispersed Ionic Liquid with Pt(acac)₂ by One-Pot Pyrolysis Method. Electrochemistry, 2020, 88, 353-355.	1.4	1
137	Influence of Pulse Electrolytic Conditions on Properties of Electrolytic Aluminum Foil Using Chloroaluminate Ionic Liquids. ECS Meeting Abstracts, 2021, MA2021-02, 723-723.	0.0	1
138	Investigation on Operating Conditions Influencing the Aluminum Electrolysis Using Chloroaluminate Ionic Liquids. ECS Meeting Abstracts, 2020, MA2020-02, 3002-3002.	0.0	1
139	Impact of sp² carbon material species on Pt nanoparticle-based electrocatalysts produced by one-pot pyrolysis methods with ionic liquids. RSC Advances, 2022, 12, 14268-14277.	3.6	1
140	Scanning Electron Microscope Observation of Concentration Profile in Ionic Liquid Caused by Electrochemical Reaction. ECS Transactions, 2010, 25, 15-22.	0.5	0
141	Electroanalytical Chemistry in Polymer-RTIL Composite with an In Situ Electrochemical SEM System. ECS Transactions, 2009, 25, 73-84.	0.5	0
142	In situ Electron Microscope Observation of Electrochemical Reactions using Room Temperature Ionic Liquids as Electrolytes. Review of Polarography, 2011, 57, 93-99.	0.1	0
143	Electron Microscope Observation of Soft Materials Using Ionic Liquids. Hyomen Kagaku, 2015, 36, 195-200.	0.0	0
144	Short-time and ultrasensitive electroanalytical technique for electrode active materials used in secondary batteries. Journal of Power Sources, 2020, 459, 228041.	7.8	0

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145	Aluminum Electrorefining Using Ionic Liquids. Denki Kagaku, 2021, 89, 27-31.	0.0	0
146	In Situ Monitoring of Lithium Metal Anodes and Their Solid Electrolyte Interphases by Transmission Electron Microscopy. Small Structures, 2021, 2, 2170016.	12.0	0
147	In Situ Monitoring of the Anodic Reactions in Secondary Batteries By Transmission Electron Microscopy. ECS Meeting Abstracts, 2017, , .	0.0	0
148	Electroplating of Al-Nb Alloys from the Lewis Acidic Chloroaluminate Ionic Liquid. ECS Meeting Abstracts, 2017, , .	0.0	0
149	Systematic Consideration of Physicochemical Properties on Aryltrifluoroborate-Based Room-Temperature Ionic Liquids. ECS Meeting Abstracts, 2017, , .	0.0	0
150	Highly Durable Carbon-Supported Pt Nanoparticles Electrocatalyst for Oxygen Reduction Prepared Using Protic Ionic Liquids As Adhesive Agent. ECS Meeting Abstracts, 2017, , .	0.0	0
151	(Invited) Surface Finishing with Chloroaluminate Ionic Liquids. ECS Meeting Abstracts, 2019, , .	0.0	0
152	Electrodeposition of Aluminum Nanoplatelet from AlCl3â€“1-Ethyl-3-Methylimidazolium Chlorideâ€“Urea Mixtures. ECS Meeting Abstracts, 2019, , .	0.0	0
153	Aluminum Electrodeposition in Molten Salts/Ionic Liquids. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2020, 71, 729-733.	0.2	0
154	One-Pot Preparation of Pt Nanoparticle-Supported Graphene Nanoplatelets By Ionic Liquid-Pyrolysis Method. ECS Meeting Abstracts, 2020, MA2020-02, 2960-2960.	0.0	0
155	Sulfur-Carbon Composite Cathodes for Aluminum-Anion Rechargeable Battery with an Inorganic AlCl₃â€“NaClâ€“KCl Ionic Liquid. ECS Meeting Abstracts, 2020, MA2020-02, 2952-2952.	0.0	0
156	(Invited) Aluminum Electrodeposition in AlCl₃â€“1-Ethyl-3-Methylimidazolium Chlorideâ€“Urea Melts. ECS Meeting Abstracts, 2022, MA2022-01, 1198-1198.	0.0	0