

# Yasushi Katayama

## List of Publications by Year in descending order

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47  
papers

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citations

933447

10  
h-index

996975

15  
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48  
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48  
docs citations

48  
times ranked

241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodeposition of palladium from palladium(II) acetylacetonate in an amide-type ionic liquid. <i>Electrochemistry Communications</i> , 2015, 52, 21-24.	4.7	29
2	The effects of the position of the ether oxygen atom in pyrrolidinium-based room temperature ionic liquids on their physicochemical properties. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 19480-19491.	2.8	23
3	Electrochemical Preparation of Cobalt-Samarium Nanoparticles in an Aprotic Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2020, 167, 042505.	2.9	20
4	Deposition and Dissolution of Lithium through Lithium Phosphorus Oxynitride Thin Film in Some Ionic Liquids. <i>Journal of the Electrochemical Society</i> , 2015, 162, H634-H637.	2.9	17
5	Electrochemical preparation of palladium nanoparticles in bis(trifluoromethylsulfonyl)amide ionic liquids consisting of pyrrolidinium cations with different alkyl chain lengths. <i>Electrochimica Acta</i> , 2015, 183, 37-41.	5.2	17
6	Electrochemical Behavior of Cadmium in 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethylsulfonyl)amide Room-temperature Ionic Liquid. <i>Electrochimica Acta</i> , 2015, 183, 42-48.	5.2	14
7	Deposition and Dissolution of Lithium in 1-Methyl-1-methoxyethylpyrrolidinium Bis(fluorosulfonyl)amide Ionic Liquid Electrolyte with Different Compositions. <i>Journal of the Electrochemical Society</i> , 2021, 168, 100516.	2.9	12
8	Electrodeposition of Selenium in a Hydrophobic Room-Temperature Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2016, 163, D259-D264.	2.9	11
9	Electrochemical Behavior of Bis(acetylacetonato)platinum(II) Complex in an Amide-Type Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2016, 163, D401-D406.	2.9	10
10	Electrochemical Behavior of Samarium Species in an Amide-Type Ionic Liquid at Different Temperatures. <i>Journal of the Electrochemical Society</i> , 2019, 166, D483-D486.	2.9	10
11	Redox Reaction of Tris(acetylacetonato)iron(III) Complex in an Amide-type Ionic Liquid. <i>Electrochemistry</i> , 2018, 86, 32-34.	1.4	9
12	Electrochemical Study on Aluminum Speciation in Lewis Acidic Chloroaluminate-Bis(trifluoromethylsulfonyl)amide Mixed Ionic Liquids. <i>Electrochemistry</i> , 2018, 86, 42-45.	1.4	8
13	Electrodeposition of Tin in an Amide Type Ionic Liquid Containing Chloride Ion. <i>Electrochemistry</i> , 2018, 86, 260-264.	1.4	8
14	Electrodeposition of Cadmium from Lewis Basic Hydrophobic Room-temperature Ionic Liquid. <i>Electrochemistry</i> , 2018, 86, 229-234.	1.4	8
15	Ether-Functionalized Pyrrolidinium-Based Room Temperature Ionic Liquids: Physicochemical Properties, Molecular Dynamics, and the Lithium Ion Coordination Environment. <i>ChemPhysChem</i> , 2021, 22, 1584-1594.	2.1	7
16	Electrochemical Behavior of a Ni Chlorocomplex in a Lewis Basic Ionic Liquid Containing Chloride Ion. <i>Journal of the Electrochemical Society</i> , 2020, 167, 062505.	2.9	6
17	Electrodeposition of Co in an Amide-Type Ionic Liquid under an External Magnetic Field. <i>Journal of the Electrochemical Society</i> , 2021, 168, 042504.	2.9	6
18	Characterization of the Solid-Electrolyte Interphase between a Cu Electrode and LiN(CF <sub>3</sub> ) <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> -triglyme Solvate Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2020, 167, 110560.	2.9	6

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19	Communicationâ€™Determination of the Formation Potential of Solid-Electrolyte Interphase in Amide-Type Ionic Liquids Containing Lithium Salts. Journal of the Electrochemical Society, 2022, 169, 076509.	2.9	6
20	Electrochemical Formation of Selenium Nanoparticle in an Amide-type Ionic Liquid. Electrochemistry, 2018, 86, 57-60.	1.4	5
21	Infrared Spectra of Nâ€“H Compounds in LiCl-KCl-CsCl Molten Salts Using the Diffuse Reflectance Optical System. Electrochemistry, 2018, 86, 88-91.	1.4	5
22	Deposition and Dissolution of Copper on a Quartz Crystal Resonator in Contact with a Separator. Electrochemistry, 2018, 86, 250-253.	1.4	4
23	Electropolishing of Tin in an Amide-Type Ionic Liquid. Journal of the Electrochemical Society, 2021, 168, 036509.	2.9	4
24	Electrochemical Recovery of Cobalt from Cobalt Oxide in an Amide-Type Ionic Liquid with Low-Temperature Carbochlorination. Journal of the Electrochemical Society, 2021, 168, 082502.	2.9	4
25	Electrochemical Reaction of Bis(acetylacetonato)Palladium in an Amide-Type Ionic Liquid. ECS Transactions, 2016, 75, 517-524.	0.5	3
26	Electrochemical Behavior of Tris(2,2'-bipyridine)Cobalt Complex in Some Ionic Liquids. ECS Transactions, 2016, 75, 497-505.	0.5	2
27	Potential Dependence of the Impedance of Solid Electrolyte Interphase in Some Electrolytes. Electrochemistry, 2022, 90, 057002-057002.	1.4	2
28	Electrodeposition of Platinum in Some Amide-Type Ionic Liquids Containing Bis(acetylacetonato)Platinum(II). ECS Transactions, 2016, 75, 617-625.	0.5	1
29	Electrochemical Behavior of Silver Halogenocomplexes in an Amide-Type Ionic Liquid. ECS Transactions, 2020, 98, 209-214.	0.5	1
30	Redox Reaction of 2,2,6,6-Tetramethylpiperidine-1-Oxyl (TEMPO) in Lithium Bis(trifluoromethylsulfonyl)amide-Tetraglyme Solvate Ionic Liquid. ECS Transactions, 2018, 86, 113-116.	0.5	0
31	Redox Reaction of 2,2,6,6-Tetramethylpiperidine-1-oxyl in Lithium Bis(trifluoromethylsulfonyl)amide-tetraglyme Solvate Ionic Liquid. Journal of the Electrochemical Society, 2020, 167, 046510.	2.9	0
32	Redox Reaction of Tris(2,2'-bipyridine)Iron Complexes on Carbon Fiber Dispersed in a Solvate Ionic Liquid. ECS Meeting Abstracts, 2018, , .	0.0	0
33	Redox Reaction of 2,2,6,6-Tetramethylpiperidine-1-Oxyl (TEMPO) in Lithium Bis(trifluoromethylsulfonyl)Amide-Tetraglyme Solvate Ionic Liquid. ECS Meeting Abstracts, 2018, , .	0.0	0
34	Evaluation of the Solid Electrolyte Interphase Formed in Lithium Bis(trifluoromethylsulfonyl)Amide-Tetraglyme Solvate Ionic Liquids with Different Compositions. ECS Meeting Abstracts, 2019, , .	0.0	0
35	Electrochemical Behavior of Cobalt and Samarium Species in an Amide-Type Ionic Liquid. ECS Meeting Abstracts, 2019, , .	0.0	0
36	(Invited) Electrochemical Preparation of Pd Nanoparticles in Different Ionic Liquids. ECS Meeting Abstracts, 2019, , .	0.0	0

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37	Evaluation of the Surface Film Formed on Cu in Li[N(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> ]-Tetraglyme Solvate Ionic Liquids. ECS Meeting Abstracts, 2020, MA2020-01, 304-304.	0.0	0
38	Electrochemical Behavior of Silver Halogenocomplexes in an Amide-Type Ionic Liquid. ECS Meeting Abstracts, 2020, MA2020-02, 2999-2999.	0.0	0
39	Effects of the Composition of the Solid Electrolyte Interphase on the Charge-Discharge Performance of a Li Metal Anode in Li[N(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> ]-Sulfolane-Based Electrolyte. ECS Meeting Abstracts, 2020, MA2020-02, 443-443.	0.0	0
40	Effect of the Lithium Salt Concentration on Deposition and Dissolution of Lithium in a Bis(fluorosulfonyl)Amide-Based Ionic Liquid Electrolyte. ECS Meeting Abstracts, 2020, MA2020-02, 3463-3463.	0.0	0
41	Carbochlorination of Cobalt Oxide and Electrochemical Recovery of Co in an Amide-Type Ionic Liquid. ECS Meeting Abstracts, 2020, MA2020-02, 3584-3584.	0.0	0
42	Electropolishing of Type 304 Stainless Steel in an Amide Type Ionic Liquid Containing Chloride Ion. ECS Meeting Abstracts, 2020, MA2020-02, 3662-3662.	0.0	0
43	Characterization of Solid Electrolyte Interphase Formed in Li[N(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> ]-Sulfolane-Based Electrolytes. ECS Meeting Abstracts, 2020, MA2020-02, 3462-3462.	0.0	0
44	Electrodeposition of Palladium Nanoparticles on Carbon Nanotubes Dispersed in an Ionic Liquid. ECS Meeting Abstracts, 2020, MA2020-02, 3585-3585.	0.0	0
45	Electrodeposition of Cobalt in a Pyrrolidinium-Based Ionic Liquid Under a Magnetic Field. ECS Meeting Abstracts, 2020, MA2020-02, 3742-3742.	0.0	0
46	Characterization of Solid Electrolyte Interphase on Some Electrodes in the Bis(fluorosulfonyl)Amide Anion-Based Ionic Liquids with Different Li Salt Concentrations. ECS Meeting Abstracts, 2020, MA2020-02, 811-811.	0.0	0
47	In-situ Analysis of the Solid-Electrolyte Interphase Formed in Li[N(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> ] and Li[N(FSO <sub>2</sub> ) <sub>2</sub> ] Tetraglyme Solvate Ionic Liquids. ECS Meeting Abstracts, 2021, MA2021-02, 724-724.	0.0	0