

# Nobuyuki Serizawa

## List of Publications by Year in descending order

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papers

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1040056

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Potential Dependence of the Impedance of Solid Electrolyte Interphase in Some Electrolytes. <i>Electrochemistry</i> , 2022, 90, 057002-057002.	1.4	2
2	Communicationâ€”Determination of the Formation Potential of Solid-Electrolyte Interphase in Amide-Type Ionic Liquids Containing Lithium Salts. <i>Journal of the Electrochemical Society</i> , 2022, 169, 076509.	2.9	6
3	Electropolishing of Tin in an Amide-Type Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2021, 168, 036509.	2.9	4
4	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
5	Electrochemical Recovery of Cobalt from Cobalt Oxide in an Amide-Type Ionic Liquid with Low-Temperature Carbochlorination. <i>Journal of the Electrochemical Society</i> , 2021, 168, 082502.	2.9	4
6	Electrochemical quartz crystal microbalance measurement using admittance analysis. <i>Denki Kagaku</i> , 2021, 89, 292-298.	0.0	1
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	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. <i>ECS Meeting Abstracts</i> , 2021, MA2021-02, 724-724.	0.0	0
9	Electrochemical Preparation of Cobalt-Samarium Nanoparticles in an Aprotic Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2020, 167, 042505.	2.9	20
10	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
11	Redox Reaction of 2,2,6,6-Tetramethylpiperidine-1-oxyl in Lithium Bis(trifluoromethylsulfonyl)amide-tetraglyme Solvate Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2020, 167, 046510.	2.9	0
12	Characterization of the Solid-Electrolyte Interphase between a Cu Electrode and LiN(CF <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
13	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. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 304-304.	0.0	0
14	Electrodeposition of metals and electrochemical preparation of metal nano particles in ionic liquids. <i>Denki Kagaku</i> , 2020, 88, 121-128.	0.0	1
15	Electrochemical Behavior of Silver Halogenocomplexes in an Amide-Type Ionic Liquid. <i>ECS Transactions</i> , 2020, 98, 209-214.	0.5	1
16	Electrochemical Behavior of Silver Halogenocomplexes in an Amide-Type Ionic Liquid. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 2999-2999.	0.0	0
17	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. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 443-443.	0.0	0
18	Effect of the Lithium Salt Concentration on Deposition and Dissolution of Lithium in a Bis(fluorosulfonyl)Amide-Based Ionic Liquid Electrolyte. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3463-3463.	0.0	0

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19	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
20	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
21	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
22	Electrodeposition of Palladium Nanoparticles on Carbon Nanotubes Dispersed in an Ionic Liquid. ECS Meeting Abstracts, 2020, MA2020-02, 3585-3585.	0.0	0
23	Electrodeposition of Cobalt in a Pyrrolidinium-Based Ionic Liquid Under a Magnetic Field. ECS Meeting Abstracts, 2020, MA2020-02, 3742-3742.	0.0	0
24	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
25	Electrochemical Behavior of Samarium Species in an Amide-Type Ionic Liquid at Different Temperatures. Journal of the Electrochemical Society, 2019, 166, D483-D486.	2.9	10
26	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
27	Electrochemical Behavior of Cobalt and Samarium Species in an Amide-Type Ionic Liquid. ECS Meeting Abstracts, 2019, , .	0.0	0
28	(Invited) Electrochemical Preparation of Pd Nanoparticles in Different Ionic Liquids. ECS Meeting Abstracts, 2019, , .	0.0	0
29	Electrochemical Study on Aluminum Speciation in Lewis Acidic Chloroaluminate-Bis(trifluoromethylsulfonyl)amide Mixed Ionic Liquids. Electrochemistry, 2018, 86, 42-45.	1.4	8
30	Electrochemical Formation of Selenium Nanoparticle in an Amide-type Ionic Liquid. Electrochemistry, 2018, 86, 57-60.	1.4	5
31	Redox Reaction of Tris(acetylacetonato)iron(III) Complex in an Amide-type Ionic Liquid. Electrochemistry, 2018, 86, 32-34.	1.4	9
32	Determination of Nitride Ion Electrochemically Produced in a Molten Chloride System by Ion Chromatography. Electrochemistry, 2018, 86, 35-37.	1.4	0
33	Electrodeposition of Tin in an Amide Type Ionic Liquid Containing Chloride Ion. Electrochemistry, 2018, 86, 260-264.	1.4	8
34	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
35	Electrochemical Quartz Crystal Microbalance Measurement of Deposition and Dissolution of Metals in Ionic Liquids. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2018, 69, 10-15.	0.2	1
36	Deposition and Dissolution of Copper on a Quartz Crystal Resonator in Contact with a Separator. Electrochemistry, 2018, 86, 250-253.	1.4	4

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37	Electrodeposition of Cadmium from Lewis Basic Hydrophobic Room-temperature Ionic Liquid. <i>Electrochemistry</i> , 2018, 86, 229-234.	1.4	8
38	Redox Reaction of 2,2,6,6-Tetramethylpiperidine-1-Oxyl (TEMPO) in Lithium Bis(trifluoromethylsulfonyl)Amide-Tetraglyme Solvate Ionic Liquid. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
39	Long-cycle-life Lithium-sulfur Batteries with Lithium Solvate Ionic Liquids. <i>Electrochemistry</i> , 2017, 85, 680-682.	1.4	33
40	Electrochemical quartz crystal microbalance measurement of a Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> composite electrode in a carbonate electrolyte. <i>Journal of Power Sources</i> , 2015, 295, 162-166.	7.8	6
41	EQCM Measurement of Deposition and Dissolution of Lithium in Glyme-Li Salt Molten Complex. <i>Journal of the Electrochemical Society</i> , 2013, 160, A1529-A1533.	2.9	38
42	Solvate Ionic Liquid Electrolyte for Li-ion Batteries. <i>Journal of the Electrochemical Society</i> , 2013, 160, A1304-A1310.	2.9	421
43	EQCM Measurement of Ag(I) → Ag Reaction in an Amide-Type Room-Temperature Ionic Liquid. <i>Journal of the Electrochemical Society</i> , 2009, 156, D503.	2.9	52
44	EQCM Measurement of Sn(II)/Sn Reaction in 1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide Room-temperature Ionic Liquid. <i>Electrochemistry</i> , 2009, 77, 630-632.	1.4	13
45	Electrochemistry of Sn(II)/Sn in a hydrophobic room-temperature ionic liquid. <i>Electrochimica Acta</i> , 2008, 53, 6530-6534.	5.2	69