Nobuyuki Serizawa

List of Publications by Year
in descending order

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45	754	1040056	552781
papers	citations	9 h-index	26 g-index

45	45	45	1039
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solvate Ionic Liquid Electrolyte for Liâ€“S Batteries. Journal of the Electrochemical Society, 2013, 160, A1304-A1310.	2.9	421
2	Electrochemistry of Sn(II)/Sn in a hydrophobic room-temperature ionic liquid. Electrochimica Acta, 2008, 53, 6530-6534.	5.2	69
3	EQCM Measurement of Ag(I)âˆ•Ag Reaction in an Amide-Type Room-Temperature Ionic Liquid. Journal of the Electrochemical Society, 2009, 156, D503.	2.9	52
4	EQCM Measurement of Deposition and Dissolution of Lithium in Glyme-Li Salt Molten Complex. Journal of the Electrochemical Society, 2013, 160, A1529-A1533.	2.9	38
5	Long-cycle-life Lithium-sulfur Batteries with Lithium Solvate Ionic Liquids. Electrochemistry, 2017, 85, 680-682.	1.4	33
6	Electrochemical Preparation of Cobalt-Samarium Nanoparticles in an Aprotic Ionic Liquid. Journal of the Electrochemical Society, 2020, 167, 042505.	2.9	20
7	EQCM Measurement of Sn(II)/Sn Reaction in 1-butyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)amide Room-temperature Ionic Liquid. Electrochemistry, 2009, 77, 630-632.	1.4	13
8	Deposition and Dissolution of Lithium in 1-Methyl-1-methoxyethylpyrrolidinium Bis(fluorosulfonyl)amide Ionic Liquid Electrolyte with Different Compositions. Journal of the Electrochemical Society, 2021, 168, 100516.	2.9	12
9	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
10	Redox Reaction of Tris(acetylacetonato)iron(III) Complex in an Amide-type Ionic Liquid. Electrochemistry, 2018, 86, 32-34.	1.4	9
11	Electrochemical Study on Aluminum Speciation in Lewis Acidic Chloroaluminate-Bis(trifluoromethylsulfonyl)amide Mixed Ionic Liquids. Electrochemistry, 2018, 86, 42-45.	1.4	8
12	Electrodeposition of Tin in an Amide Type Ionic Liquid Containing Chloride Ion. Electrochemistry, 2018, 86, 260-264.	1.4	8
13	Electrodeposition of Cadmium from Lewis Basic Hydrophobic Room-temperature Ionic Liquid. Electrochemistry, 2018, 86, 229-234.	1.4	8
14	Electrochemical quartz crystal microbalance measurement of a Li4Ti5O12 composite electrode in a carbonate electrolyte. Journal of Power Sources, 2015, 295, 162-166.	7.8	6
15	Electrochemical Behavior of a Ni Chlorocomplex in a Lewis Basic Ionic Liquid Containing Chloride Ion. Journal of the Electrochemical Society, 2020, 167, 062505.	2.9	6
16	Electrodeposition of Co in an Amide-Type Ionic Liquid under an External Magnetic Field. Journal of the Electrochemical Society, 2021, 168, 042504.	2.9	6
17	Characterization of the Solid-Electrolyte Interphase between a Cu Electrode and LiN(CF₃SO₂)₂-triglyme Solvate Ionic Liquid. Journal of the Electrochemical Society, 2020, 167, 110560.	2.9	6
18	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

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19	Electrochemical Formation of Selenium Nanoparticle in an Amide-type Ionic Liquid. Electrochemistry, 2018, 86, 57-60.	1.4	5
20	Deposition and Dissolution of Copper on a Quartz Crystal Resonator in Contact with a Separator. Electrochemistry, 2018, 86, 250-253.	1.4	4
21	Electropolishing of Tin in an Amide-Type Ionic Liquid. Journal of the Electrochemical Society, 2021, 168, 036509.	2.9	4
22	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
23	Potential Dependence of the Impedance of Solid Electrolyte Interphase in Some Electrolytes. Electrochemistry, 2022, 90, 057002-057002.	1.4	2
24	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
25	Electrochemical quartz crystal microbalance measurement using admittance analysis. Denki Kagaku, 2021, 89, 292-298.	0.0	1
26	Electrodeposition of metals and electrochemical preparation of metal nano particles in ionic liquids. Denki Kagaku, 2020, 88, 121-128.	0.0	1
27	Electrochemical Behavior of Silver Halogenocomplexes in an Amide-Type Ionic Liquid. ECS Transactions, 2020, 98, 209-214.	0.5	1
28	Determination of Nitride Ion Electrochemically Produced in a Molten Chloride System by Ion Chromatography. Electrochemistry, 2018, 86, 35-37.	1.4	0
29	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
30	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
31	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
32	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
33	Electrochemical Behavior of Cobalt and Samarium Species in an Amide-Type Ionic Liquid. ECS Meeting Abstracts, 2019, , .	0.0	0
34	(Invited) Electrochemical Preparation of Pd Nanoparticles in Different Ionic Liquids. ECS Meeting Abstracts, 2019, , .	0.0	0
35	Evaluation of the Surface Film Formed on Cu in Li[N(CF3SO2)2]-Tetraglyme Solvate Ionic Liquids. ECS Meeting Abstracts, 2020, MA2020-01, 304-304.	0.0	0
36	Electrochemical Behavior of Silver Halogenocomplexes in an Amide-Type Ionic Liquid. ECS Meeting Abstracts, 2020, MA2020-02, 2999-2999.	0.0	0

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37	Effects of the Composition of the Solid Electrolyte Interphase on the Charge-Discharge Performance of a Li Metal Anode in Li[N (CF3SO2)2]-Sulfolane-Based Electrolyte. ECS Meeting Abstracts, 2020, MA2020-02, 443-443.	0.0	0
38	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
39	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
40	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
41	Characterization of Solid Electrolyte Interphase Formed in Li[N(CF3SO2)2]-Sulfolane-Based Electrolytes. ECS Meeting Abstracts, 2020, MA2020-02, 3462-3462.	0.0	0
42	Electrodeposition of Palladium Nanoparticles on Carbon Nanotubes Dispersed in an Ionic Liquid. ECS Meeting Abstracts, 2020, MA2020-02, 3585-3585.	0.0	0
43	Electrodeposition of Cobalt in a Pyrrolidinium-Based Ionic Liquid Under a Magnetic Field. ECS Meeting Abstracts, 2020, MA2020-02, 3742-3742.	0.0	0
44	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
45	In-situ Analysis of the Solid-Electrolyte Interphase Formed in Li[N(CF3SO2)2] and Li[N(FSO2)2] Tetraglyme Solvate Ionic Liquids. ECS Meeting Abstracts, 2021, MA2021-02, 724-724.	0.0	0