

Masahiro Takehara

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Properties of Quaternary Ammonium Salts for Electrochemical Capacitors. <i>Journal of the Electrochemical Society</i> , 1997, 144, 2684-2688.	2.9	221
2	Ionic Liquids with Low Melting Points and Their Application to Double-Layer Capacitor Electrolytes. <i>Electrochemical and Solid-State Letters</i> , 2002, 5, A119.	2.2	109
3	Polar Effect of Successive Fluorination of Dimethyl Carbonate on Physical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 1302-1306.	3.2	35
4	Electrolytic characteristics of fluoromethyl methyl carbonate for lithium rechargeable batteries. <i>Journal of Electroanalytical Chemistry</i> , 2009, 625, 7-15.	3.8	28
5	Direct fluorination of $\hat{1}^3$ -butyrolactone. <i>Journal of Fluorine Chemistry</i> , 2001, 108, 117-120.	1.7	27
6	Physical and Electrolytic Properties of Fluoroethyl Methyl Carbonate. <i>Electrochemistry</i> , 2003, 71, 1201-1204.	1.4	25
7	Electrochemical properties of fluoropropylene carbonate and its application to lithium-ion batteries. <i>Electrochemistry Communications</i> , 2008, 10, 783-786.	4.7	24
8	Physical and electrolytic properties of difluorinated dimethyl carbonate. <i>Journal of Fluorine Chemistry</i> , 2004, 125, 1205-1209.	1.7	22
9	Addition of CHSiMe_3 to the $\text{Co}\hat{1}\text{-S}$ Bond of 1,2,5,3-cobaltadithiazole. Formation and reactions of stereoisomeric cobaltathiirane complexes. <i>Journal of Organometallic Chemistry</i> , 1995, 494, 81-87.	1.8	19
10	Synthesis of Fluorinated Dimethyl Carbonates by Direct Fluorination. <i>Synthetic Communications</i> , 2004, 34, 1367-1375.	2.1	19
11	Physical Properties of Substituted 1,3-Dioxolan-2-ones. <i>Chemistry Letters</i> , 2008, 37, 210-211.	1.3	17
12	Physical and Electrolytic Properties of Partially Fluorinated Organic Solvents and Its Application to Secondary Lithium Batteries: Partially Fluorinated Dialkoxyethanes. <i>ECS Transactions</i> , 2009, 16, 23-31.	0.5	17
13	Electrolytic Characteristics of Fluoroethylene Carbonate for Electric Double-Layer Capacitors at High Concentrations of Electrolyte. <i>Electrochemistry</i> , 2013, 81, 817-819.	1.4	17
14	Use of Fluoroethylene Carbonate as Solvent for Electric Double-Layer Capacitors. <i>Electrochemistry</i> , 2007, 75, 607-610.	1.4	16
15	AC Impedance Analysis of the Degeneration and Recovery of Argyrodite Sulfide-Based Solid Electrolytes under Dry-Room-Simulated Condition. <i>Electrochemistry</i> , 2022, 90, 037012-037012.	1.4	14
16	Triethylmethylammonium Tetrafluoroborate as a Highly Soluble Supporting Electrolyte Salt for Electrochemical Capacitors. <i>Electrochemistry</i> , 1997, 65, 969-971.	0.3	13
17	Electrolytic behavior and application to lithium batteries of monofluorinated dimethyl carbonate. <i>Solid State Ionics</i> , 2006, 177, 299-303.	2.7	13
18	Electrolytic Properties of Ethyl Fluoroethyl Carbonate and Its Application to Lithium Battery. <i>Chemistry Letters</i> , 2008, 37, 368-369.	1.3	13

#	ARTICLE	IF	CITATIONS
19	Physical and Electrolytic Properties of Partially Fluorinated Methyl Propyl Carbonate and Its Application to Lithium Batteries. <i>Electrochemistry</i> , 2010, 78, 467-470.	1.4	13
20	Physical and Electrochemical Properties of Fluoroacetonitrile and Its Application to Electric Double-Layer Capacitors. <i>Electrochemistry</i> , 2007, 75, 611-614.	1.4	12
21	Formation and Photochemical and Thermal Reactions of Adduct between 1,2,5,3-Cobaltadithiazole and Dimethyl Acetylenedicarboxylate. <i>Chemistry Letters</i> , 1994, 23, 473-476.	1.3	10
22	Temperature Dependence of Physical Constants of Monofluorinated Propylene Carbonate as Highly Polar Liquid. <i>Chemistry Letters</i> , 2008, 37, 476-477.	1.3	10
23	High Sensitive Detection of Impurities in Nonaqueous Electrolyte Solutions by a Rotating Disk Electrode. <i>Electrochemistry</i> , 2001, 69, 458-461.	1.4	8
24	Physical Properties of Monofluorodimethyl Carbonate. <i>Chemistry Letters</i> , 2004, 33, 338-339.	1.3	8
25	Physical and Electrochemical Properties of Monofluorinated Ethyl Acetates for Lithium Rechargeable Batteries. <i>Electrochemistry</i> , 2010, 78, 446-449.	1.4	7
26	Physical and Electrolytic Properties of Difluorinated 3-Methyl-2-oxazolidinones and Their Application to Lithium Rechargeable Batteries. <i>Electrochemistry</i> , 2010, 78, 450-453.	1.4	5
27	Use of Monofluorinated Ethyl Propionates as Solvents for Lithium Secondary Batteries. <i>Electrochemistry</i> , 2012, 80, 746-748.	1.4	3
28	Structural Isomerism Effect on Physical and Electrochemical Properties of Monofluorinated Linear Carbonates. <i>Electrochemistry</i> , 2012, 80, 771-773.	1.4	3
29	Physical and Electrochemical Properties of Fluorinated Dialkyl Ethers. <i>Electrochemistry</i> , 2016, 84, 776-778.	1.4	3
30	High Sensitive Detection of Hydrogen Fluoride in Nonaqueous Electrolyte Solutions by a Rotating Disk Electrode. <i>Electrochemistry</i> , 2003, 71, 1222-1225.	1.4	3
31	Synthesis of Fluorinated Dimethyl Carbonates by Direct Fluorination.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
32	Physical and Electrochemical Properties of Trifluorinated Linear Ether as Solvent for Lithium Secondary Batteries. <i>Electrochemistry</i> , 2012, 80, 768-770.	1.4	0