Kiyoshi Kanamura

List of Publications by Citations

124 papers	3,182 citations	28 h-index	54 g-index
124 ext. papers	3,544 ext. citations	3.9 avg, IF	5.31 L-index

#	Paper	IF	Citations
124	Compatibility of Li[sub 7]La[sub 3]Zr[sub 2]O[sub 12] Solid Electrolyte to All-Solid-State Battery Using Li Metal Anode. *Journal of the Electrochemical Society*, **2010**, 157, A1076	3.9	280
123	Fabrication of all-solid-state lithium battery with lithium metal anode using Al2O3-added Li7La3Zr2O12 solid electrolyte. *Journal of Power Sources*, **2011**, 196, 7750-7754	8.9	261
122	Particle morphology, crystal orientation, and electrochemical reactivity of LiFePO4 synthesized by the hydrothermal method at 443 K. *Journal of Materials Chemistry*, **2007**, 17, 4803		211
121	XPS Analysis of Lithium Surfaces Following Immersion in Various Solvents Containing LiBF4. *Journal of the Electrochemical Society*, **1995**, 142, 340-347	3.9	200
120	Electrochemical Deposition of Very Smooth Lithium Using Nonaqueous Electrolytes Containing HF. *Journal of the Electrochemical Society*, **1996**, 143, 2187-2197	3.9	190
119	Surface Condition Changes in Lithium Metal Deposited in Nonaqueous Electrolyte Containing HF by Dissolution-Deposition Cycles. *Journal of the Electrochemical Society*, **1999**, 146, 1633-1639	3.9	144
118	Preparation of three dimensionally ordered macroporous carbon with mesoporous walls for electric double-layer capacitors. *Journal of Materials Chemistry*, **2008**, 18, 1674		139
117	X-Ray Photoelectron Spectroscopic Analysis and Scanning Electron Microscopic Observation of the Lithium Surface Immersed in Nonaqueous Solvents. *Journal of the Electrochemical Society*, **1994**, 141, 2379-2385	3.9	106
116	Chemical Reaction of Lithium Surface during Immersion in LiClO4 or LiPF6 / DEC Electrolyte. *Journal of the Electrochemical Society*, **1997**, 144, 1900-1906	3.9	91
115	Electrochemical Deposition of Uniform Lithium on an Ni Substrate in a Nonaqueous Electrolyte. *Journal of the Electrochemical Society*, **1994**, 141, L108-L110	3.9	88
114	Study of the Surface Composition of Highly Smooth Lithium Deposited in Various Carbonate Electrolytes Containing HF. *Langmuir*, **1997**, 13, 3542-3549	4	85
113	Fabrication of Three-Dimensional Battery Using Ceramic Electrolyte with Honeycomb Structure by Sol□el Process. *Journal of the Electrochemical Society*, **2010**, 157, A493	3.9	76
112	Synthesis of MoS2 Thin Film by Chemical Vapor Deposition Method and Discharge Characteristics as a Cathode of the Lithium Secondary Battery. *Journal of the Electrochemical Society*, **1992**, 139, 2082-2087	3.9	68
111	Studies on Electrochemical Oxidation of Nonaqueous Electrolytes Using In Situ FTIR Spectroscopy: I . The Effect of Type of Electrode on On-Set Potential for Electrochemical Oxidation of Propylene Carbonate Containing 1.0 mol dm□. *Journal of the Electrochemical Society*, **1995**, 142, 1383-1389	3.9	64
110	High-Rate Lithium Deintercalation from Lithiated Graphite Single-Particle Electrode. *Journal of Physical Chemistry C*, **2010**, 114, 8646-8650	3.8	61
109	Effect of Gold Layer on Interface Resistance between Lithium Metal Anode and Li6.25Al0.25La3Zr2O12Solid Electrolyte. *Journal of the Electrochemical Society*, **2017**, 164, A1022-A1025	3.9	53
108	Hydrothermal synthesis of LiFePO4 as a cathode material for lithium batteries. *Journal of Materials Science*, **2008**, 43, 2138-2142	4.3	49

107	Three-dimensionally ordered macroporous polyimide composite membrane with controlled pore size for direct methanol fuel cells. *Journal of Power Sources*, **2008**, 178, 596-602	8.9	44
106	Recent progress for all solid state battery using sulfide and oxide solid electrolytes. *Journal Physics D: Applied Physics*, **2019**, 52, 103001	3	43
105	Good Low-Temperature Properties of Nitrogen-Enriched Porous Carbon as Sulfur Hosts for High-Performance Li-S Batteries. *ACS Applied Materials & Interfaces*, **2016**, 8, 17253-9	9.5	38
104	Long-Term Stable Lithium Metal Anode in Highly Concentrated Sulfolane-Based Electrolytes with Ultrafine Porous Polyimide Separator. *ACS Applied Materials & Interfaces*, **2019**, 11, 25833-25843	9.5	37
103	Electrochemical Oxidation Processes on Ni Electrodes in Propylene Carbonate Containing Various Electrolyte Salts. *Journal of the Electrochemical Society*, **1996**, 143, 2548-2558	3.9	37
102	Zinc-based spinel cathode materials for magnesium rechargeable batteries: toward the reversible spinel–rocksalt transition. *Journal of Materials Chemistry A*, **2019**, 7, 12225-12235	13	36
101	Discharge and Charge Characteristics of Polyaniline Prepared by Electropolymerization of Aniline in Nonaqueous Solvent. *Journal of the Electrochemical Society*, **1993**, 140, 629-633	3.9	35
100	Modifications in coordination structure of Mg[TFSA]-based supporting salts for high-voltage magnesium rechargeable batteries. *Physical Chemistry Chemical Physics*, **2019**, 21, 12100-12111	3.6	32
99	Continuous production of LiCoO2 fine crystals for lithium batteries by hydrothermal synthesis under supercritical condition. *High Pressure Research*, **2001**, 20, 373-384	1.6	32
98	A key concept of utilization of both non-Grignard magnesium chloride and imide salts for rechargeable Mg battery electrolytes. *Journal of Materials Chemistry A*, **2017**, 5, 3152-3156	13	31
97	Effect of carbon source on electrochemical performance of carbon coated LiMnPO4 cathode. *Journal of the Ceramic Society of Japan*, **2009**, 117, 1225-1228	1	31
96	Thermal Stability of Various Cathode Materials against Li6.25Al0.25La3Zr2O12 Electrolyte. *Electrochemistry*, **2017**, 85, 77-81	1.2	27
95	Three-dimensionally ordered composite electrode between LiMn2O4 and Li1.5Al0.5Ti1.5(PO4)3. *Ionics*, **2008**, 14, 173-177	2.7	26
94	Enhanced electrochemical performance from cross-linked polymeric network as binder for Li–S battery cathodes. *Journal of Applied Electrochemistry*, **2016**, 46, 725-733	2.6	25
93	Enhanced Electrochemical Performance of LiMn0.75Fe0.25PO4 Nanoplates from Multiple Interface Modification by Using Fluorine-Doped Carbon Coating. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 4637-4644	8.3	22
92	Ceramic-Based Flexible Sheet Electrolyte for Li Batteries. *ACS Applied Materials & Interfaces*, **2020**, 12, 10382-10388	9.5	22
91	Effects of the Solvent for the Electropolymerization of Aniline on Discharge and Charge Characteristics of Polyaniline. *Journal of the Electrochemical Society*, **1995**, 142, 3309-3313	3.9	21
90	Dependence of Entropy Change of Single Electrodes on Partial Pressure in Solid Oxide Fuel Cells. *Journal of the Electrochemical Society*, **1991**, 138, 2165-2167	3.9	20

89	Electrochemical Evaluation of Active Materials for Lithium Ion Batteries by One (Single) Particle Measurement. *Electrochemistry*, **2016**, 84, 759-765	1.2	19
88	Revealing the Origin of Highly Efficient Polysulfide Anchoring and Transformation on Anion-Substituted Vanadium Nitride Host. *Advanced Functional Materials*, **2021**, 31, 2008034	15.6	19
87	Determining Factor on the Polarization Behavior of Magnesium Deposition for Magnesium Battery Anode. *ACS Applied Materials & Interfaces*, **2020**, 12, 25775-25785	9.5	18
86	Structure Design of Long-Life Spinel-Oxide Cathode Materials for Magnesium Rechargeable Batteries. *Advanced Materials*, **2021**, 33, e2007539	24	18
85	Effect of Pore Size in Three Dimensionally Ordered Macroporous Polyimide Separator on Lithium Deposition/Dissolution Behavior. *Journal of the Electrochemical Society*, **2019**, 166, A754-A761	3.9	17
84	Solubility and Diffusion Coefficient of Oxygen in Protic Ionic Liquids with Different Fluoroalkyl Chain Lengths. *Electrochimica Acta*, **2014**, 132, 208-213	6.7	15
83	Deep-ultraviolet transparent monolithic sol□gel derived silica□REPO4 (RE = Y, La□Lu except Pm) glass-ceramics: characterization of the crystal structure and ultraviolet absorption edge, and application to narrow-band UVB phosphors. *Journal of Materials Chemistry C*, **2015**, 3, 9894-9901	7.1	14
82	Controlled Crystallization of Calcite Under Surface Electric Field Due to Polarized Hydroxyapatite Ceramics. *Journal of the American Ceramic Society*, **2009**, 92, 1586-1591	3.8	14
81	Computational investigation of the Mg-ion conductivity and phase stability of MgZr(PO).. *RSC Advances*, **2019**, 9, 12590-12595	3.7	13
80	High-Performance Lithium Metal Rechargeable Battery Using an Ultrafine Porous Polyimide Separator with Three-Dimensionally Ordered Macroporous Structure. *ACS Applied Energy Materials*, **2019**, 2, 3896-3903	6.1	13
79	ELECTROCHEMICAL PROPERIES OF HYDROTHERMALLY SYNTHESIZED LiCoPO4 AS A HIGH VOLTAGE CATHODE MATERIAL FOR LITHIUM SECONDARY BATTERY. *Phosphorus Research Bulletin*, **2010**, 24, 12-15	0.3	12
78	Surface State Change of Lithium Metal Anode in Full Cell during Long Term Cycles. *Electrochemistry* , **2019**, 87, 84-88	1.2	11
77	Deterioration Analysis of Lithium Metal Anode in Full Cell during Long-Term Cycles. *Journal of the Electrochemical Society*, **2019**, 166, A2618-A2628	3.9	11
76	Hybrid Effect of Micropatterned Lithium Metal and Three Dimensionally Ordered Macroporous Polyimide Separator on the Cycle Performance of Lithium Metal Batteries. *ACS Applied Energy Materials*, **2020**, 3, 3721-3727	6.1	10
75	Sol-gel synthesis of fluorine-doped silica glasses with low SiOH concentrations. *Journal of the Ceramic Society of Japan*, **2011**, 119, 393-396	1	10
74	Microscopic Reaction Site Model for Cathodic Reduction of Lead Sulfate to Lead. *Journal of the Electrochemical Society*, **1992**, 139, 345-351	3.9	10
73	Scanning electrochemical cell microscopy for visualization and local electrochemical activities of lithium-ion (de) intercalation process in lithium-ion batteries electrodes. *Surface and Interface Analysis*, **2019**, 51, 27-30	1.5	10
72	Cosolvent-free sol□gel synthesis of rare-earth and aluminum codoped monolithic silica glasses. *Journal of the Ceramic Society of Japan*, **2013**, 121, 299-302	1	9

71	The Effect of the Cyclic Ether Additives to the Ethereal Electrolyte Solutions for Mg Secondary Battery. *Electrochemistry*, **2016**, 84, 76-78	1.2	9
70	Highly transparent, bright green, sol□gel-derived monolithic silica-(Tb,Ce)PO4 glass-ceramic phosphors. *RSC Advances*, **2014**, 4, 26692-26696	3.7	8
69	Hydrothermal Synthesis of Manganese Dioxide Nanoparticles as Cathode Material for Rechargeable Batteries. *Electrochemistry*, **2013**, 81, 2-6	1.2	8
68	PREPARATION OF Li1.5Al0.5Ge1.5(PO4)3 SOLID ELECTROLYTE BY SOL-GEL METHOD. *Phosphorus Research Bulletin*, **2011**, 25, 61-63	0.3	8
67	Improved Performance of Hydrothermally Synthesized LiMnPO4 by Mg Doping. *Electrochemistry*, **2011**, 79, 467-469	1.2	8
66	Effect of Interaction among Magnesium Ions, Anion, and Solvent on Kinetics of the Magnesium Deposition Process. *Journal of Physical Chemistry C*, **2020**, 124, 28510-28519	3.8	7
65	Magnesium Storage Performance and Mechanism of 2D-Ultrathin Nanosheet-Assembled Spinel MgIn S Cathode for High-Temperature Mg Batteries. *Small*, **2019**, 15, e1902236	11	7
64	Synthesis and characterization of lithium-ion-conductive glass-ceramics of lithium chloroboracite Li4+xB7O12+x/2Cl (x = 0–1). *Journal of the Ceramic Society of Japan*, **2017**, 125, 348-352	1	7
63	Hydrothermal Synthesis and Electrochemical Properties of Li2FexMnxCo1−2xSiO4/C Cathode Materials for Lithium-ion Batteries. *Electrochemistry*, **2015**, 83, 413-420	1.2	7
62	The Effect of Cyclic Ethers on Mg Plating/Stripping Reaction in Ionic Liquid Electrolytes. *Journal of the Electrochemical Society*, **2019**, 166, A5054-A5058	3.9	7
61	Li4B4M3O12Cl (M= Al, Ga): An Electrochemically Stable, Lithium-Ion-Conducting Cubic Boracite with Substituted Boron Sites. *Bulletin of the Chemical Society of Japan*, **2017**, 90, 1279-1286	5.1	6
60	Intrinsic Electrochemical Characteristics in the Individual Needle-like LiCoO2 Crystals Synthesized by Flux Growth. *Electrochemistry*, **2017**, 85, 72-76	1.2	6
59	Synthesis of monolithic deep-ultraviolet-transparent polysilsesquioxane glasses from organotrimethoxysilane□water binary system. *RSC Advances*, **2012**, 2, 8946	3.7	6
58	Electrodeposition of Zn from 1-allyl-3-methylimidazolium bromide containing ZnBr2. *Journal of Electroanalytical Chemistry*, **2019**, 832, 467-474	4.1	6
57	Thiol-Containing Polysilsesquioxane Liquid and Photocurable Sulfur-Containing Transparent Organic□Inorganic Hybrid Monoliths Obtained via Cosolvent-Free Hydrolytic Polycondensation. *Bulletin of the Chemical Society of Japan*, **2013**, 86, 880-883	5.1	5
56	Preparation of Organic-Inorganic Composite Electrolyte Membrane for Direct Methanol Fuel Cell. *Electrochemistry*, **2002**, 70, 934-936	1.2	5
55	Electrochemical Evaluation of Lithium-Metal Anode in Highly Concentrated Ethylene Carbonate Based Electrolytes. *Electrochemistry*, **2020**, 88, 540-547	1.2	5
54	The crystal structure and electrical/thermal transport properties of Li1□Sn2+xP2 and its performance as a Li-ion battery anode material. *Journal of Materials Chemistry A*, **2021**, 9, 7034-7041	13	5

53	Investigation of Carbon-coating Effect on the Electrochemical Performance of LiCoPO4 Single Particle. *Electrochemistry*, **2018**, 86, 145-151	1.2	5
52	Phosphoric Acid Diethylmethylammonium Trifluoromethanesulfonate-Based Electrolytes for Nonhumidified Intermediate Temperature Fuel Cells. *ACS Applied Materials & Interfaces*, **2019**, 11, 13761-13767	9.5	4
51	Highly Durable Non-Platinum Catalyst for Protic Ionic Liquid Based Intermediate Temperature PEFCs. *Electrochemistry*, **2019**, 87, 35-46	1.2	4
50	Poly(n-alkylsilsesquioxane) liquids prepared by cosolvent-free hydrolytic polycondensation of n-alkyltrialkoxysilanes: effects of liquid-liquid phase separation during aging and alkyl chain length on structure and viscosity. *Dalton Transactions*, **2016**, 45, 15532-15540	4.3	4
49	Hydrothermal synthesis and catalytic activity of PtRh/CeO2/Al2O3 three-way catalysts for automotive exhaust gas. *Journal of the Ceramic Society of Japan*, **2018**, 126, 394-401	1	4
48	Mechanical Milling Synthesis and Electrochemical Evaluation of Silicon-transition Metal Alloy Anode Materials for Lithium-ion Batteries. *Electrochemistry*, **2015**, 83, 445-451	1.2	4
47	Fabrication of Lithium-ion Microarray Battery by Electrophoresis. *Electrochemistry*, **2010**, 78, 273-275	1.2	4
46	Application of FeOCl Derivatives for a Secondary Lithium Battery: III . Electrochemical Reaction and Physical State of Reaction Product of with Aniline in Water. *Journal of the Electrochemical Society*, **1995**, 142, 2126-2131	3.9	4
45	Preparation of Li4Ti5O12 Thin Film Electrode with PVP Sol-Gel for a Rechargeable Lithium Microbattery. *Hyomen Kagaku*, **2003**, 24, 423-428		4
44	3D Structural Transition of the Electrodeposited and Electrochemically Dissolved Li Metal onto an Ultramicroelectrode. *Journal of Physical Chemistry C*, **2020**, 124, 22019-22024	3.8	4
43	Three Dimensionally Ordered Macroporous Polybenzimidazole Separator for Li Metal Battery. *Chemistry Letters*, **2019**, 48, 429-432	1.7	3
42	Seed-free hydrothermal synthesis of all-silica deca-dodecasil 3R with essential reagents. *Journal of the Ceramic Society of Japan*, **2018**, 126, 221-229	1	3
41	Studies of Tin Alloy Electrode Materials Prepared by Mechanical Alloying. *Electrochemistry*, **2014**, 82, 467-473	1.2	3
40	Cosolvent-Free SolGel Synthesis and Optical Characterization of Silica Glasses Containing LaF3 and (La,Er)F3 Nanocrystals. *Bulletin of the Chemical Society of Japan*, **2014**, 87, 765-772	5.1	3
39	Electrochemical Property of Honeycomb Type All-Solid-State Li Battery at High Temperature. *Electrochemistry*, **2011**, 79, 464-466	1.2	3
38	Quartz Crystal Microbalance Study for Lithium Deposition and Dissolution in Nonaqueous Electrolyte with HF. *Electrochemistry*, **1999**, 67, 1264-1267	1.2	3
37	Fabrication of Membrane Electrode Assembly for Micro Fuel Cell by Using Electrophoretic Deposition Process. *Electrochemistry*, **2002**, 70, 937-939	1.2	3
36	Enhanced Energy Density of Li2MnSiO4/C Cathode Materials for Lithium-ion Batteries through Mn/Co Substitution. *Electrochemistry*, **2018**, 86, 324-332	1.2	3

35	PHOSPHATE MATERIALS FOR RECHARGEABLE BATTERY APPLICATIONS. *Phosphorus Research Bulletin*, **2013**, 28, 30-36	0.3	2
34	NANOCOMPOSITE ELECTRODES CONSISTING OF 3DOM CARBON WITH BIMODAL POROUS STRUCTURE AND CONDUCTING POLYMERS FOR ELECTROCHEMICAL CAPACITORS. *Functional Materials Letters*, **2009**, 02, 19-22	1.2	2
33	FABRICATION AND IN VITRO CHARACTERIZATION OF POROUS BIOACTIVE CERAMICS WITH HIGHLY CONTROLLED MICROSTRUCTURE. *Phosphorus Research Bulletin*, **2002**, 13, 147-152	0.3	2
32	Cosolvent-free sol□gel dip-coating of silica films from tetraalkoxysilane□water binary systems: precursor solutions of long pot life and their characterization by nuclear magnetic resonance spectroscopy. *Journal of the Ceramic Society of Japan*, **2020**, 128, 772-782	1	2
31	Effects of porosity and ionic liquid impregnation on ionic conductivity of garnet-based flexible sheet electrolytes. *Journal of Power Sources*, **2022**, 517, 230705	8.9	2
30	Lithium-Sulfur Batteries Employing Hybrid-electrolyte Structure with Li7La3Zr2O12 at Middle Operating Temperature: Effect of Li Salts Concentration on Electrochemical Performance. *Electrochemistry*, **2021**, 89, 197-203	1.2	2
29	Characterization and Optimization of Silicon Nanoparticle Anodes. *Electrochemistry*, **2016**, 84, 243-253	1.2	2
28	Structure, Microscopic Ordering, and Viscous Properties of Amorphous Poly(n-alkylsilsesquioxane) Liquids and Solids Synthesized by Cosolvent-Free Hydrolytic Polycondensation of n-Alkyltrimethoxysilanes. *Physica Status Solidi (A) Applications and Materials Science*, **2019**, 216, 1800475	1.6	2
27	Effect of Li ions doping into p-type semiconductor NiO as a hole injection/transfer medium in the CO2 reduction sensitized/catalyzed by Zn-porphyrin/Re-complex upon visible light irradiation. *Research on Chemical Intermediates*, **2021**, 47, 269-285	2.8	2
26	Fabrication of Li0.35La0.55TiO3 solid electrolyte with two-layered structure for all-solid-state Li battery by a colloidal crystal templating method. *Journal of the Ceramic Society of Japan*, **2011**, 119, 189-193	1	1
25	Electrochemical Properties of Three Dimensionally Ordered Composite Electrode Between TiO2 and Li1.5Al0.5Ti1.5(PO4)3. *Electrochemistry*, **2011**, 79, 865-868	1.2	1
24	Electrochemical Characteristics of Porous Electrode Consisting of Spherical LiMn2O4 Particles. *Electrochemistry*, **2009**, 77, 309-314	1.2	1
23	Recovery of Phosphate from Steel Manufacture Slag by Sulfuric Acid Treatment. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2002**, 177, 1507-1511	1	1
22	Preparation and Electrochemical Characterization of LiCoO2 Single Crystal Particles prepared by Super Critical Water Synthesis (SCWS). *Materials Research Society Symposia Proceedings*, **1999**, 575, 59		1
21	Room Temperature Operation of Magnesium Rechargeable Batteries with a Hydrothermally Treated ZnMnO3 Defect Spinel Cathode. *Electrochemistry*, **2022**, 90, 027005-027005	1.2	1
20	Cosolvent-free synthesis and characterisation of poly(phenyl-co-n-alkylsilsesquioxane) and poly(phenyl-co-vinylsilsesquioxane) glasses with low melting temperatures. *Dalton Transactions*, **2020**, 49, 2487-2495	4.3	1
19	Preparation of Biodegradable Polymer Nanospheres Containing Manganese Porphyrin (Mn-Porphyrin). *Journal of Inorganic and Organometallic Polymers and Materials*, **2019**, 29, 1010-1018	3.2	1
18	Rechargeable Lithium Metal Battery **2021**, 17-35		1

17	The Effect of the Solvation Ability Towards Mg2+-ion on the Kinetic Behavior of Mg3Bi2 Electrode. *Journal of the Electrochemical Society*, **2022**, 169, 030517	3.9	1
16	The Effect of the Coordination Ability on the Mg Plating/Stripping Behavior in Mg(N(CF3SO2)2)2/Glyme Based Electrolytes. *Journal of the Electrochemical Society*, **2021**, 168, 120528	3.9	1
15	Ionic liquid-containing cathodes empowering ceramic solid electrolytes.. *IScience*, **2022**, 25, 103896	6.1	0
14	Carbon Coating for Improvements of Electrochemical Properties of Li1.1V0.9O2 Anode Active Materials for Li Secondary Batteries. *Electrochemistry*, **2020**, 88, 22-27	1.2	
13	Magnesium Batteries: Magnesium Storage Performance and Mechanism of 2D-Ultrathin Nanosheet-Assembled Spinel MgIn2S4 Cathode for High-Temperature Mg Batteries (Small 36/2019). *Small*, **2019**, 15, 1970191	11	
12	Fabrication of Electrode With 3 Dimensionally Ordered Structure for All-Solid-State Battery. *Materials Research Society Symposia Proceedings*, **2010**, 1266, 10601		
11	Creation and Optical Property of Microphotonic Crystals by Electrophoretic Deposition Method Using Micro-counter Electrode. *Materials Research Society Symposia Proceedings*, **2003**, 797, 111		
10	PREPARATION AND IN VITRO TEST OF APATITE FILMS ONTO TITANIUM BY SPUTTERING FROM CALCIUM PHOSPHATE POWDER TARGETS. *Phosphorus Research Bulletin*, **1999**, 10, 370-374	0.3	
9	COATING OF CaO-SiO2 AMORPHOUS POWDER WITH CALCIUM PHOSPHATE. *Phosphorus Research Bulletin*, **1999**, 10, 313-316	0.3	
8	The 199 Joint International Meeting (196th Meeting of the Electrochemical Society, 1999 Fall Meeting of the Electrochemical Society of Japan). *Hyomen Kagaku*, **2000**, 21, 382-382		
7	Current Status, Problems, Future Technology for Rechargeable Batteries. *Nippon Gomu Kyokaishi*, **2019**, 92, 405-409	0	
6	Artificial Control of Interfaces in Rechargeable Lithium Batteries.. *Hyomen Kagaku*, **1997**, 18, 309-318		
5	Creation of Triple-Phase-Boundary in a Solid Oxide Fuel Cell Using a Three-Dimensionally Ordered Structure. *Ceramic Transactions*,243-248	0.1	
4	Evaluation on hybrid electrolyte structure using the liquid electrolyte interlayer containing LiBH4 at Li7La3Zr2O12 | Li interface at high operating temperature. *Journal of Power Sources*, **2020**, 478, 228751	8.9	
3	Twinning by Merohedry and Thermal Expansion of Zeolitic Clathrasil Deca-dodecasil 3R. *Inorganic Chemistry*, **2020**, 59, 5600-5609	5.1	
2	Low-Refractive-Index Deep-Ultraviolet Transparent Poly(fluoroalkyl--methylsilsesquioxane) Resins Synthesized by Cosolvent-Free Hydrolytic Polycondensation of Organotrimethoxysilanes. *Journal of Physical Chemistry B*, **2021**, 125, 8238-8242	3.4	
1	Effect of EtOMgCl Salt to Suppress Reductive Decomposition of TFSI[−] Anion in Electrolyte for Magnesium Rechargeable Battery. *Electrochemistry*, **2022**, 90, 037010-037010	1.2	