

# Kazuhiko Matsumoto

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

183  
papers

3,664  
citations

33  
h-index

50  
g-index

199  
ext. papers

4,161  
ext. citations

5.7  
avg, IF

5.7  
L-index

#	Paper	IF	Citations
183	Octaphyrin(1.0.1.0.1.0.1.0) as an Organic Electrode for Li and Na Rechargeable Batteries.. <i>Small Methods</i> , <b>2022</b> , 6, e2101181	12.8	0
182	Electrochemical and Structural Behavior of Trirutile-Derived FeF <sub>3</sub> During Sodiation and Desodiation. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 3137-3145	6.1	1
181	Octaphyrin(1.0.1.0.1.0.1.0) as an Organic Electrode for Li and Na Rechargeable Batteries (Small Methods 3/2022). <i>Small Methods</i> , <b>2022</b> , 6, 2270019	12.8	
180	In Situ Orthorhombic to Amorphous Phase Transition of NbO and Its Temperature Effect on Pseudocapacitive Behavior.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,	9.5	3
179	Ionic Liquid Electrolytes for Next-generation Electrochemical Energy Devices. <i>EnergyChem</i> , <b>2022</b> , 1000756.9	5.6	5
178	Charge-discharge properties and reaction mechanism of cation-disordered rutile-type Li <sub>1.2</sub> MnFe <sub>1.2</sub> F <sub>6.8</sub> . <i>Electrochimica Acta</i> , <b>2021</b> , 405, 139627	6.7	1
177	A $\gamma$ -Alumina/Inorganic Ionic Liquid Dual Electrolyte for Intermediate-Temperature Sodium Sulfur Batteries (Adv. Funct. Mater. 48/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170352	15.6	2
176	Benefits of the Mixtures of Ionic Liquid and Organic Electrolytes for Sodium-ion Batteries. <i>Journal of the Electrochemical Society</i> , <b>2021</b> , 168, 030508	3.9	2
175	Deoxofluorination of Activated Carbon Electrode with Sulfur Tetrafluoride for Electric Double Layer Capacitor. <i>Electrochemistry</i> , <b>2021</b> , 89, 118-120	1.2	3
174	Charge/Discharge Performance of Copper Metal Positive Electrodes in Fluorohydrogenate Ionic Liquids for Fluoride-Shuttle Batteries. <i>Journal of the Electrochemical Society</i> , <b>2021</b> , 168, 040530	3.9	7
173	Five novel mutations in SASH1 contribute to lentiginous phenotypes in Japanese families. <i>Pigment Cell and Melanoma Research</i> , <b>2021</b> , 34, 174-178	4.5	2
172	Vanadium diphosphide as a negative electrode material for sodium secondary batteries. <i>Journal of Power Sources</i> , <b>2021</b> , 483, 229182	8.9	5
171	Stage-number dependence of intercalated species for fluorosilicate graphite intercalation compounds: pentafluorosilicate vs. hexafluorosilicate. <i>Journal of Fluorine Chemistry</i> , <b>2021</b> , 242, 109714	2.1	1
170	Clear cell injury associated with reduced expression of carbonic anhydrase II in eccrine glands consistently occurs in patients with acquired idiopathic generalized anhidrosis. <i>Journal of Dermatology</i> , <b>2021</b> , 48, 439-446	1.6	
169	Sodium difluorophosphate: facile synthesis, structure, and electrochemical behavior as an additive for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 3637-3647	13	4
168	Phase Evolution of Trirutile Li <sub>0.5</sub> FeF <sub>3</sub> for Lithium-Ion Batteries. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 868-880	9.6	7
167	Improvement of Electrochemical Stability Using the Eutectic Composition of a Ternary Molten Salt System for Highly Concentrated Electrolytes for Na-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 2538-2546	9.5	7

166	Generation of Elemental Fluorine through the Electrolysis of Copper Difluoride at Room Temperature. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7966-7971	3.6	
165	Generation of Elemental Fluorine through the Electrolysis of Copper Difluoride at Room Temperature. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 7887-7892	16.4	2
164	Stable Cycle Performance of a Phosphorus Negative Electrode in Lithium-Ion Batteries Derived from Ionic Liquid Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 10891-10901	9.5	6
163	A $\gamma$ -Alumina/Inorganic Ionic Liquid Dual Electrolyte for Intermediate-Temperature Sodium Sulfur Batteries. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2105524	15.6	3
162	Dual-Ion NiNc Battery: A Sustainable Revolution for Sodium Organic Batteries. <i>Batteries and Supercaps</i> , <b>2021</b> , 4, 1605	5.6	2
161	Mixed alkali-ion transport and storage in atomic-disordered honeycomb layered NaKNiTeO. <i>Nature Communications</i> , <b>2021</b> , 12, 4660	17.4	7
160	Recent advances in sulfur tetrafluoride chemistry: syntheses, structures, and applications. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12791-12799	4.3	2
159	Structural evaluation and protium-deuterium exchange in 1-ethyl-3-methylimidazolium halide-ethylene glycol mixtures. <i>Journal of Fluorine Chemistry</i> , <b>2020</b> , 239, 109637	2.1	1
158	High-Performance Sodium Secondary Batteries Using Synergistic Effect of Amorphous SiP <sub>2</sub> /C Anode and Ionic Liquid Electrolyte. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 070514	3.9	2
157	Optimization of the Carbon Content in Copper Phosphide/Carbon Composites for High Performance Sodium Secondary Batteries Using Ionic Liquids. <i>ChemElectroChem</i> , <b>2020</b> , 7, 2477-2484	4.3	3
156	Physicochemical and electrochemical properties of the (fluorosulfonyl)(trifluoromethylsulfonyl)amide ionic liquid for Na secondary batteries. <i>Journal of Power Sources</i> , <b>2020</b> , 470, 228406	8.9	7
155	Ionic liquid electrolyte for room to intermediate temperature operating Li metal batteries: Dendrite suppression and improved performance. <i>Journal of Power Sources</i> , <b>2020</b> , 453, 227911	8.9	21
154	Potassium Single Cation Ionic Liquid Electrolyte for Potassium-Ion Batteries. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 6341-6347	3.4	7
153	High-voltage honeycomb layered oxide positive electrodes for rechargeable sodium batteries. <i>Chemical Communications</i> , <b>2020</b> , 56, 9272-9275	5.8	8
152	Fluoride Ion Interactions in Alkali-Metal Fluoride-Diol Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 6631-6639	3.9	6
151	Discharge Characteristic of Fluorinated Graphene-like Graphite as a Cathode of Lithium Primary Battery. <i>Electrochemistry</i> , <b>2020</b> , 88, 437-440	1.2	1
150	Microscopic characterization of the C-F bonds in fluorine-graphite intercalation compounds. <i>Journal of Power Sources</i> , <b>2020</b> , 445, 227320	8.9	10
149	Deoxofluorination of graphite oxide with sulfur tetrafluoride. <i>Dalton Transactions</i> , <b>2020</b> , 49, 47-56	4.3	3

148	Charge-discharge behavior of fluorine-intercalated graphite for the positive electrode of fluoride ion shuttle battery. <i>Electrochemistry Communications</i> , <b>2020</b> , 110, 106626	5.1	9
147	An Energy-Dense Solvent-Free Dual-Ion Battery. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2003557	15.6	14
146	Transport Properties of Ionic Liquid and Sodium Salt Mixtures for Sodium-Ion Battery Electrolytes from Molecular Dynamics Simulation with a Self-Consistent Atomic Charge Determination. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 7291-7305	3.4	7
145	Electrolytes toward High-Voltage Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>3</sub> Positive Electrode Durable against Temperature Variation. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 2001880	21.8	18
144	Potassium Difluorophosphate as an Electrolyte Additive for Potassium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 36168-36176	9.5	12
143	Application of Ionic Liquid as K-Ion Electrolyte of Graphite//K <sub>2</sub> Mn[Fe(CN) <sub>6</sub> ] Cell. <i>ACS Energy Letters</i> , <b>2020</b> , 5, 2849-2857	20.1	22
142	Room-Temperature Fluoride Shuttle Batteries Based on a Fluorohydrogenate Ionic Liquid Electrolyte. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 6153-6157	6.1	21
141	Probing the Mechanism of Improved Performance for Sodium-ion Batteries by Utilizing Three-electrode Cells: Effects of Sodium-ion Concentration in Ionic Liquid Electrolytes. <i>Electrochemistry</i> , <b>2019</b> , 87, 175-181	1.2	5
140	Zinc-Air Batteries: A Room-Temperature Molten Hydrate Electrolyte for Rechargeable Zinc-Air Batteries (Adv. Energy Mater. 22/2019). <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1970086	21.8	3
139	A Room-Temperature Molten Hydrate Electrolyte for Rechargeable Zinc-Air Batteries. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1900196	21.8	78
138	Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @Carbon Nanofibers: High Mass Loading Electrode Approaching Practical Sodium Secondary Batteries Utilizing Ionic Liquid Electrolytes. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 2818-2827	6.1	28
137	Vanadium phosphide-phosphorus composite as a high-capacity negative electrode for sodium secondary batteries using an ionic liquid electrolyte. <i>Electrochemistry Communications</i> , <b>2019</b> , 102, 46-51	5.1	22
136	N-Ethyl-N-propylpyrrolidinium Bis(fluorosulfonyl)amide Ionic Liquid Electrolytes for Sodium Secondary Batteries: Effects of Na Ion Concentration. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 22018-22026	3.8	12
135	Reaction Pathways of Iron Trifluoride Investigated by Operation at 363 K Using an Ionic Liquid Electrolyte. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, A2105-A2110	3.9	8
134	NASICON vs. Na metal: a new counter electrode to evaluate electrodes for Na secondary batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 27057-27065	13	16
133	Advances in sodium secondary batteries utilizing ionic liquid electrolytes. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 3247-3287	35.4	88
132	Lithium fluoride/iron difluoride composite prepared by a fluorolytic sol-gel method: Its electrochemical behavior and charge-discharge mechanism as a cathode material for lithium secondary batteries. <i>Journal of Power Sources</i> , <b>2019</b> , 412, 180-188	8.9	13
131	Cu <sub>2</sub> P/C Composite Negative Electrodes for Sodium Secondary Batteries Operating at Room-to-Intermediate Temperatures Utilizing Ionic Liquid Electrolyte. <i>ChemElectroChem</i> , <b>2018</b> , 5, 1340-1344	4.3	18

130	Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C Positive Electrodes with High Energy and Power Densities for Sodium Secondary Batteries with Ionic Liquid Electrolytes That Operate across Wide Temperature Ranges. <i>Advanced Sustainable Systems</i> , <b>2018</b> , 2, 1700171	5.9	29
129	Crystalline maricite NaFePO <sub>4</sub> as a positive electrode material for sodium secondary batteries operating at intermediate temperature. <i>Journal of Power Sources</i> , <b>2018</b> , 377, 80-86	8.9	28
128	Phase Behavior of the [N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> ][BF <sub>4</sub> ]-[N(C <sub>3</sub> H <sub>7</sub> ) <sub>4</sub> ][BF <sub>4</sub> ] Binary System. <i>Electrochemistry</i> , <b>2018</b> , 86, 52-56.2	1	
127	<sup>13</sup> C/ <sup>19</sup> F high-resolution solid-state NMR studies on layered carbon-fluorine compounds. <i>Carbon</i> , <b>2018</b> , 138, 179-187	10.4	16
126	Sodium Secondary Batteries: Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C Positive Electrodes with High Energy and Power Densities for Sodium Secondary Batteries with Ionic Liquid Electrolytes That Operate across Wide Temperature Ranges (Adv. Sustainable Syst. 5/2018). <i>Advanced Sustainable Systems</i> , <b>2018</b> , 2, 1870033	5.9	1
125	Sodium Ion Batteries using Ionic Liquids as Electrolytes. <i>Chemical Record</i> , <b>2018</b> , 19, 758	6.6	18
124	Stabilization of SF with Glyme-Coordinated Alkali Metal Cations. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 14882-14889	10	
123	Partially Naked Fluoride in Solvate Ionic Liquids. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 6662-6667.4	9	
122	Symmetric Cell Electrochemical Impedance Spectroscopy of Na <sub>2</sub> FeP <sub>2</sub> O <sub>7</sub> Positive Electrode Material in Ionic Liquid Electrolytes. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 26857-26864	3.8	21
121	Application of Intermediate Temperature Ionic Liquids for Electrolytes of Secondary Batteries. <i>Oleoscience</i> , <b>2018</b> , 18, 175-184	0.1	
120	Crystallographic Insight into the Mg <sup>2+</sup> Coordination Mode and N(SO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> <sup>-</sup> Anion Conformation in Mg[N(SO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> and Its Adducts. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 1087-1099	2.3	6
119	Thermal, Physical, and Electrochemical Properties of Li[N(SO <sub>2</sub> F) <sub>2</sub> ]-[1-Ethyl-3-methylimidazolium][N(SO <sub>2</sub> F) <sub>2</sub> ] Ionic Liquid Electrolytes for Li Secondary Batteries Operated at Room and Intermediate Temperatures. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 2200-2212	3.8	22
118	Ionic Liquid Materials Based on Fluoroanions <b>2017</b> , 671-695		
117	Formation of a solid solution between [N(CH)] <sup>+</sup> [BF <sub>4</sub> ] <sup>-</sup> and [N(CH)] <sup>+</sup> [PF <sub>6</sub> ] <sup>-</sup> in crystal and plastic crystal phases. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 2053-2059	3.6	9
116	Electrochemical Sodiation-desodiation of Maricite NaFePO <sub>4</sub> in Ionic Liquid Electrolyte. <i>Electrochemistry</i> , <b>2017</b> , 85, 675-679	1.2	14
115	Physicochemical and Electrochemical Properties of K[N(SO <sub>2</sub> F) <sub>2</sub> ][N-Methyl-N-propylpyrrolidinium][N(SO <sub>2</sub> F) <sub>2</sub> ] Ionic Liquids for Potassium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 18450-18458	3.8	45
114	Poly(vinyl chloride) Ionic Liquid Polymer Electrolyte Based on Bis(fluorosulfonyl)Amide for Sodium Secondary Batteries. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, H5031-H5035	3.9	11
113	Structural and Thermal Properties of Air-Stable [Mg(1-methylimidazole) <sub>6</sub> ][N(SO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> . <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 5656-5662	2.3	

112	Syntheses and Structures of Xenon Trioxide Alkylnitrile Adducts. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 13780-13783	16.4	18
111	Improved performance of a conducting-bridge random access memory using ionic liquids. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 7215-7222	7.1	5
110	Homoleptic octahedral coordination of CH <sub>3</sub> CN to Mg(2+) in the Mg[N(SO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> -CH <sub>3</sub> CN system. <i>Dalton Transactions</i> , <b>2016</b> , 45, 2810-3	4.3	9
109	?? ?????????????? ?????????????~?????~. <i>Electrochemistry</i> , <b>2016</b> , 84, 626-630	1.2	2
108	?5? ?????????????? ?????????????~???~. <i>Electrochemistry</i> , <b>2016</b> , 84, 736-740	1.2	
107	Nature of the Xe(VI)-N Bonds in F <sub>6</sub> XeNCCH <sub>3</sub> and F <sub>6</sub> Xe(NCCH <sub>3</sub> ) <sub>2</sub> and the Stereochemical Activity of Their Xenon Valence Electron Lone Pairs. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 4833-42	4.8	13
106	Iron(III) fluoride synthesized by a fluorolysis method and its electrochemical properties as a positive electrode material for lithium secondary batteries. <i>Journal of Fluorine Chemistry</i> , <b>2016</b> , 184, 75-81	2.1	9
105	Stability of Ionic Liquids against Sodium Metal: A Comparative Study of 1-Ethyl-3-methylimidazolium Ionic Liquids with Bis(fluorosulfonyl)amide and Bis(trifluoromethylsulfonyl)amide. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 9628-9636	3.8	38
104	Syntheses and Structures of Xenon Trioxide Alkylnitrile Adducts. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 13984-13987	4	4
103	Ionic liquid electrolytes with high sodium ion fraction for high-rate and long-life sodium secondary batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 332, 51-59	8.9	58
102	Intermediate-Temperature Operation of Sodium Secondary Batteries with High Rate Capability and Cyclability Using Ionic Liquid Electrolyte. <i>ECS Transactions</i> , <b>2016</b> , 75, 139-145	1	7
101	Crystal structure of Na[N(SO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> and coordination environment of alkali metal cation in the M[N(SO <sub>2</sub> CF <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> (M = Li <sup>+</sup> , Na <sup>+</sup> , K <sup>+</sup> , and Cs <sup>+</sup> ) structures. <i>Journal of Fluorine Chemistry</i> , <b>2015</b> , 174, 42-48	2.1	10
100	Fluorohydrogenate Ionic Liquids, Liquid Crystals, and Plastic Crystals <b>2015</b> , 103-123		2
99	Thermal and Transport Properties of Na[N(SO <sub>2</sub> F) <sub>2</sub> ][N-Methyl-N-propylpyrrolidinium][N(SO <sub>2</sub> F) <sub>2</sub> ] Ionic Liquids for Na Secondary Batteries. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 7648-7655	3.8	93
98	Improved Electrochemical Performance of NaVOPO <sub>4</sub> Positive Electrodes at Elevated Temperature in an Ionic Liquid Electrolyte. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, A2093-A2098	3.9	24
97	Room Temperature Magnesium Electrodeposition from Glyme-Coordinated Ammonium Amide Electrolytes. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, D389-D396	3.9	32
96	Structural modification by adding Li cations into Mg/Cs-TFSA molten salt facilitating Mg electrodeposition. <i>RSC Advances</i> , <b>2015</b> , 5, 3063-3069	3.7	3
95	Full Utilization of Superior Charge-Discharge Characteristics of Na <sub>1.56</sub> Fe <sub>1.22</sub> P <sub>2</sub> O <sub>7</sub> Positive Electrode by Using Ionic Liquid Electrolyte. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, A176-A180	3.9	33

94	The Discrete $\text{AlF}_5^{2-}$ Fluoroaluminate Anion in the Structure of [Tetraethylammonium] $_2$ [ $\text{AlF}_5$ ]( $\text{H}_2\text{O}$ ) $_2$ . <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 5306-5310	2.3	1
93	Syntheses and Structures of $\text{F}_6\text{XeNCCH}_3$ and $\text{F}_6\text{Xe}(\text{NCCH}_3)_2$ . <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 14169-73	16.4	17
92	Syntheses and Structures of $\text{F}_6\text{XeNCCH}_3$ and $\text{F}_6\text{Xe}(\text{NCCH}_3)_2$ . <i>Angewandte Chemie</i> , <b>2015</b> , 127, 14375-14379	7.0	8
91	Inorganic/Organic Hybrid Ionic Liquid Electrolytes for Na Secondary Batteries. <i>Journal of the Electrochemical Society</i> , <b>2015</b> , 162, A1409-A1414	3.9	23
90	The structural classification of the highly disordered crystal phases of [Nn][ $\text{BF}_4$ ], [Nn][ $\text{PF}_6$ ], [Pn][ $\text{BF}_4$ ], and [Pn][ $\text{PF}_6$ ] salts (Nn(+) = tetraalkylammonium and Pn(+) = tetraalkylphosphonium). <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 23616-26	3.6	27
89	Effects of HF content in the (FH)(n) $\text{F}^-$ anion on the formation of ionic plastic crystal phases of N-ethyl-N-methylpyrrolidinium and N,N-dimethylpyrrolidinium fluorohydrogenate salts. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 1522-8	3.6	2
88	Na[FSA]-[C3C1pyrr][FSA] ionic liquids as electrolytes for sodium secondary batteries: Effects of Na ion concentration and operation temperature. <i>Journal of Power Sources</i> , <b>2014</b> , 269, 124-128	8.9	92
87	The Na[FSA][C2C1im][FSA] (C2C1im+:1-ethyl-3-methylimidazolium and FSA=bis(fluorosulfonyl)amide) ionic liquid electrolytes for sodium secondary batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 265, 36-39	8.9	66
86	Pyrophosphate $\text{Na}_2\text{FeP}_2\text{O}_7$ as a low-cost and high-performance positive electrode material for sodium secondary batteries utilizing an inorganic ionic liquid. <i>Journal of Power Sources</i> , <b>2014</b> , 246, 783-787	8.9	66
85	Charge/discharge behavior of a $\text{Na}_2\text{FeP}_2\text{O}_7$ positive electrode in an ionic liquid electrolyte between 253 and 363 K. <i>Electrochimica Acta</i> , <b>2014</b> , 133, 583-588	6.7	52
84	$\text{Na}_2\text{MnSiO}_4$ as a positive electrode material for sodium secondary batteries using an ionic liquid electrolyte. <i>Electrochemistry Communications</i> , <b>2014</b> , 45, 63-66	5.1	63
83	Inorganic-Organic Hybrid Ionic Liquid Electrolytes for Na Secondary Batteries. <i>ECS Transactions</i> , <b>2014</b> , 64, 433-438	1	3
82	Influence of cationic structures on oxygen reduction reaction at Pt electrode in fluorohydrogenate ionic liquids. <i>Journal of Power Sources</i> , <b>2014</b> , 266, 193-197	8.9	16
81	All solid-state electrochemical capacitors using N,N-dimethylpyrrolidinium fluorohydrogenate as ionic/plastic/crystal electrolyte. <i>Journal of Power Sources</i> , <b>2014</b> , 245, 758-763	8.9	21
80	Expansion of tetrachloroaluminate-graphite intercalation compound by reaction with anhydrous hydrogen fluoride. <i>Carbon</i> , <b>2014</b> , 67, 434-439	10.4	3
79	Polymorphism of alkali bis(fluorosulfonyl)amides ( $\text{M}[\text{N}(\text{SO}_2\text{F})_2]$ , M = Na, K, and Cs). <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 568-76	5.1	24
78	The first crystallographic example of a face-sharing fluoroaluminate anion $\text{Al}_2\text{F}_9^{3-}$ . <i>Dalton Transactions</i> , <b>2013</b> , 42, 1965-8	4.3	11
77	Electrochemical and structural investigation of $\text{NaCrO}_2$ as a positive electrode for sodium secondary battery using inorganic ionic liquid NaFSA/FSA. <i>Journal of Power Sources</i> , <b>2013</b> , 237, 52-57	8.9	84

76	Effects of the polyfluoroalkyl side-chain on the properties of 1-methyl-3-polyfluoroalkylimidazolium fluorohydrogenate ionic liquids. <i>Journal of Fluorine Chemistry</i> , <b>2013</b> , 149, 112-118	2.1	5
75	Highly conductive plastic crystals based on fluorohydrogenate anions. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 955-60	3.4	20
74	Silicon Nitride-Passivated Bottom-Up Single-Electron Transistors. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 110101	1.4	8
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