

Fumihiko Sagane

List of Publications by Year in descending order

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13
papers

786
citations

1163117

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h-index

1199594

12
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13
all docs

13
docs citations

13
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium-Ion Transfer at the Interface Between Lithium-Ion Conductive Ceramic Electrolyte and Liquid Electrolyte-A Key to Enhancing the Rate Capability of Lithium-Ion Batteries. Journal of the Electrochemical Society, 2005, 152, A2151.	2.9	219
2	Li+ and Na+ transfer through interfaces between inorganic solid electrolytes and polymer or liquid electrolytes. Journal of Power Sources, 2005, 146, 749-752.	7.8	136
3	Dielectric Modification of 5V-Class Cathodes for High-Voltage All-Solid-State Lithium Batteries. Advanced Energy Materials, 2014, 4, 1301416.	19.5	136
4	Lithium Ion Transfer at the Interface between Lithium-Ion-Conductive Solid Crystalline Electrolyte and Polymer Electrolyte. Journal of the Electrochemical Society, 2004, 151, A1950.	2.9	124
5	Effects of current densities on the lithium plating morphology at a lithium phosphorus oxynitride glass electrolyte/copper thin film interface. Journal of Power Sources, 2013, 233, 34-42.	7.8	91
6	Sodium-ion transfer at the interface between ceramic and organic electrolytes. Journal of Power Sources, 2010, 195, 7466-7470.	7.8	43
7	The Effect of the Cyclic Ether Additives to the Ethereal Electrolyte Solutions for Mg Secondary Battery. Electrochemistry, 2016, 84, 76-78.	1.4	13
8	The Effect of Cyclic Ethers on Mg Plating/Stripping Reaction in Ionic Liquid Electrolytes. Journal of the Electrochemical Society, 2019, 166, A5054-A5058.	2.9	9
9	The Effect of the Solvation Ability Towards Mg ²⁺ -ion on the Kinetic Behavior of Mg ₃ Bi ₂ Electrode. Journal of the Electrochemical Society, 2022, 169, 030517.	2.9	6
10	Kinetic Behavior of the Anion Intercalation/De-intercalation into the Graphite Electrode in Organic Solution. Electrochemistry, 2022, 90, 037001-037001.	1.4	5
11	Electrochemical N(CF ₃ SO ₂) ₂ ⁺ Intercalation/de-intercalation into Graphite Electrode as the Positive Electrode Reaction for Mg Secondary Batteries. Electrochemistry, 2021, 89, 12-18.	1.4	2
12	The Effect of the Coordination Ability on the Mg Plating/Stripping Behavior in Mg(N(CF ₃ SO ₂) ₂) ₂ /Glyme Based Electrolytes. Journal of the Electrochemical Society, 2021, 168, 120528.	2.9	2
13	The Effect of Mg Morphology on the Irregular Behavior of the Electrochemical Quartz Crystal Microbalance in Mg[N(CF ₃ SO ₂) ₂] ₂ /glyme Solutions. Electrochemistry, 2022, 90, 057003-057003.	1.4	0