

Naoki Matsui

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fast Hydride-Ion Conduction in Perovskite Hydrides $\text{LiH}_{1-x}\text{F}_x$. ACS Applied Energy Materials, 2022, 5, 2968-2974.	5.1	10
2	Reversible Charge/Discharge Reaction of a Ternary Metal Fluoride, Pb_2CuF_6 : A Highly Conductive Cathode Material for Fluoride-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 1002-1009.	5.1	10
3	Synthesis, structure, and electrical conductivity of $\text{Sr}_2\text{LiH}_2\text{N}$ nitride hydride. Journal of Solid State Chemistry, 2022, 310, 123051.	2.9	5
4	The effect of cation size on hydride-ion conduction in $\text{LnSrLiH}_2\text{O}_2$ ($\text{Ln} = \text{La}$). Journal of Solid State Chemistry, 2021, 300, 122015.	10.3	15
5	Conduction Mechanism of $\text{Li}_{10}\text{GeP}_2\text{S}_{12}$ -type Lithium Superionic Conductors in a $\text{Li}^+\text{Sn}^4+\text{Si}^4+\text{P}^5+\text{S}$ System. Chemistry of Materials, 2019, 31, 3485-3490.	6.7	21
6	Ambient pressure synthesis of La_2LiHO_3 as a solid electrolyte for a hydrogen electrochemical cell. Journal of the American Ceramic Society, 2019, 102, 3228-3235.	3.8	12
7	Synthesis, crystal structure, and ionic conductivity of hydride ion-conducting Ln_2LiHO_3 ($\text{Ln} = \text{La}, \text{Pr}, \text{Nd}$) oxyhydrides. Journal of Materials Chemistry A, 2018, 6, 23457-23463.	10.3	31
8	Stability of Charged Phase and Cell Properties of $\text{LiMn}_2\text{AlO}_4$. Journal of the Electrochemical Society, 2018, 165, A1440-A1446.	2.9	0
9	Synthesis and structure of novel lithium-ion conductor $\text{Li}_7\text{Ge}_3\text{PS}_{12}$. Journal of Solid State Chemistry, 2017, 246, 334-340.	2.9	45
10	Ambient Pressure Synthesis and H^+ Conductivity of $\text{LaSrLiH}_2\text{O}_2$. Electrochemistry, 2017, 85, 88-92.	1.4	25