Recent Advances in Inorganic Solid Electrolytes for Lith

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Citation Report

#	Article	IF	Citations
1	Electrolytic properties of Na+-doped pillared montmorillonite. Nanotechnologies in Russia, 2015, 10, 872-877.	0.7	0
2	Safer Electrolytes for Lithiumâ€Ion Batteries: State of the Art and Perspectives. ChemSusChem, 2015, 8, 2154-2175.	6.8	641
3	Very fast bulk Li ion diffusivity in crystalline Li_{1.5}Al_{0.5}Ti_{1.5}(PO₄)₃as seen using NMR relaxometry. Physical Chemistry Chemical Physics, 2015, 17, 32115-32121.	2.8	83
4	Role of Ionâ€"Ion Correlations on Fast Ion Transport: Molecular Dynamics Simulation of Na₂Ni₂TeO₆. Journal of Physical Chemistry C, 2015, 119, 18030-18037.	3.1	32
5	Ion Dynamics in Solid Electrolytes: NMR Reveals the Elementary Steps of Li⁺ Hopping in the Garnet Li_{6.5}La₃Zr_{1.75}Mo_{0.25}O₁₂. Chemistry of Materials, 2015, 27, 6571-6582.	6.7	60
6	Toward Understanding the Lithium Transport Mechanism in Garnet-type Solid Electrolytes: Li⁺ Ion Exchanges and Their Mobility at Octahedral/Tetrahedral Sites. Chemistry of Materials, 2015, 27, 6650-6659.	6.7	107
7	Advances of aqueous rechargeable lithium-ion battery: A review. Journal of Power Sources, 2015, 274, 237-251.	7.8	325
8	Preparation, Structural Characterization, and Electrical Conductivity of Highly Ion-Conducting Glasses and Glass Ceramics in the System Li_{1+x}Al_xSn_yGe_{2-(x+y)}(PO₄)₃. Journal of Physical Chemistry C, 2016, 120, 14556-14567.	3.1	27
9	Lithium-Ion Mobility in Quaternary Boroâ€"Germanoâ€"Phosphate Glasses. Journal of Physical Chemistry B, 2016, 120, 3978-3987.	2.6	21
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13	Unravelling Li-Ion Transport from Picoseconds to Seconds: Bulk versus Interfaces in an Argyrodite Li₆PS₅Clâ€"Li₂S All-Solid-State Li-Ion Battery. Journal of the American Chemical Society, 2016, 138, 11192-11201.	13.7	188
14	Ultra-slow Li ion jump diffusion in Li2SnO3 studied by two-time 7Li spin-alignment echo NMR and 7Li NMR relaxometry. Solid State Ionics, 2016, 293, 85-93.	2.7	3
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19	Ion-ion repulsion and entropic effects on Na+ transport in Na2Ni2TeO6: Molecular dynamics study. AIP Conference Proceedings, 2016, , .	0.4	2
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24	Inorganic Solid-State Electrolytes for Lithium Batteries: Mechanisms and Properties Governing Ion Conduction. Chemical Reviews, 2016, 116, 140-162.	47.7	1,777
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27	Dual Substitution Strategy to Enhance Li⁺ Ionic Conductivity in Li₇La₃Zr₂O₁₂ Solid Electrolyte. Chemistry of Materials, 2017, 29, 1769-1778.	6.7	169
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