

Virginie Viallet

List of Publications by Year in descending order

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9
papers

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citations

1163117

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1474206

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#	ARTICLE	IF	CITATIONS
1	Interface Stability of Argyrodite $\text{Li}_6\text{PS}_5\text{Cl}$ toward LiCoO_2 , $\text{LiNi}_{1/3}\text{Co}_{1/3}\text{Mn}_{1/3}\text{O}_2$, and LiMn_2O_4 in Bulk All-Solid-State Batteries. <i>Chemistry of Materials</i> , 2017, 29, 3883-3890.	6.7	424
2	Mechanochemical synthesis of Li-argyrodite $\text{Li}_6\text{PS}_5\text{X}$ (X=Cl, Br, I) as sulfur-based solid electrolytes for all solid state batteries application. <i>Solid State Ionics</i> , 2012, 221, 1-5.	2.7	371
3	A New Approach to Develop Safe All-Inorganic Monolithic Li-Ion Batteries. <i>Advanced Energy Materials</i> , 2011, 1, 179-183.	19.5	139
4	The Stone Age Revisited: Building a Monolithic Inorganic Lithium-Ion Battery. <i>Advanced Functional Materials</i> , 2012, 22, 2140-2147.	14.9	100
5	Electrochemical properties of all-solid-state lithium secondary batteries using Li-argyrodite $\text{Li}_6\text{PS}_5\text{Cl}$ as solid electrolyte. <i>Solid State Ionics</i> , 2013, 242, 45-48.	2.7	75
6	Electrochemical properties of all-solid-state lithium secondary batteries using Li-argyrodite $\text{Li}_6\text{PS}_5\text{Cl}$ as solid electrolyte. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1496, 1.	0.1	47
7	Electrochemical characterization of $\text{Li}_{10}\text{SnP}_2\text{S}_{12}$: An electrolyte or a negative electrode for solid state Li-ion batteries?. <i>Solid State Ionics</i> , 2016, 296, 18-25.	2.7	33
8	A detailed characterisation study of $\text{Li}_6\text{PS}_5\text{Cl}$ ionic conductors from several synthetic routes. <i>Solid State Sciences</i> , 2021, 118, 106681.	3.2	9
9	Glasses and Glass-Ceramics for Solid-State Battery Applications. <i>Springer Handbooks</i> , 2019, , 1697-1754.	0.6	9