

Yosuke Ugata

List of Publications by Year in descending order

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papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	Eutectic Electrolytes Composed of $\text{LiN}(\text{SO}_2\text{F})_2$ and Sulfones for Li-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10024-10034.	3.1	18
2	Solvate electrolytes for Li and Na batteries: structures, transport properties, and electrochemistry. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 21419-21436.	2.8	32
3	Understanding the Reductive Decomposition of Highly Concentrated Li Salt/Sulfolane Electrolytes during Li Deposition and Dissolution. <i>ACS Applied Energy Materials</i> , 2021, 4, 1851-1859.	5.1	24
4	Structural Effects of Solvents on Li-Ion-Hopping Conduction in Highly Concentrated LiBF_4 /Sulfone Solutions. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6600-6608.	2.6	28
5	Effects of Lithium Salt Concentration in Ionic Liquid Electrolytes on Battery Performance of $\text{LiNi}_{0.5}\text{Mn}_{0.3}\text{Co}_{0.2}\text{O}_2/\text{Graphite}$ Cells. <i>Electrochemistry</i> , 2021, 89, 455-460.		
6	Highly Concentrated $\text{NaN}(\text{SO}_2\text{F})_2/3\text{-Methylsulfolane}$ Electrolyte Solution Showing High Na-Ion Transference Number under Anion-Blocking Conditions. <i>Electrochemistry</i> , 2021, 89, 590-596.	1.4	3
7	Highly concentrated $\text{LiN}(\text{SO}_2\text{CF}_3)_2$ /dinitrile electrolytes: Liquid structures, transport properties, and electrochemistry. <i>Journal of Chemical Physics</i> , 2020, 152, 104502.	3.0	20
8	Sulfolane-Based Highly Concentrated Electrolytes of Lithium Bis(trifluoromethanesulfonyl)amide: Ionic Transport, Li-Ion Coordination, and Li^{S} Battery Performance. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14229-14238.	3.1	138
9	Li-ion hopping conduction in highly concentrated lithium bis(fluorosulfonyl)amide/dinitrile liquid electrolytes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9759-9768.	2.8	77
10	Direct Evidence for Li Ion Hopping Conduction in Highly Concentrated Sulfolane-Based Liquid Electrolytes. <i>Journal of Physical Chemistry B</i> , 2018, 122, 10736-10745.	2.6	165