# Yosuke Ugata

List of Publications by Year
in descending order



| 10 | 508 | 1163117 8 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 10 | 10 | 10 | 400 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Direct Evidence for Li Ion Hopping Conduction in Highly Concentrated Sulfolane-Based Liquid Electrolytes. Journal of Physical Chemistry B, 2018, 122, 10736-10745. | 2.6 | 165 |
| 2 | Sulfolane-Based Highly Concentrated Electrolytes of Lithium Bis(trifluoromethanesulfonyl)amide: Ionic Transport, Li-Ion Coordination, and Liâ€“S Battery Performance. Journal of Physical Chemistry C, 2019, 123, 14229-14238. | 3.1 | 138 |
| 3 | Li-ion hopping conduction in highly concentrated lithium bis(fluorosulfonyl)amide/dinitrile liquid electrolytes. Physical Chemistry Chemical Physics, 2019, 21, 9759-9768. | 2.8 | 77 |
| 4 | Solvate electrolytes for Li and Na batteries: structures, transport properties, and electrochemistry. Physical Chemistry Chemical Physics, 2021, 23, 21419-21436. | 2.8 | 32 |
| 5 | Structural Effects of Solvents on Li-Ion-Hopping Conduction in Highly Concentrated LiBF<sub>4</sub>/Sulfone Solutions. Journal of Physical Chemistry B, 2021, 125, 6600-6608. | 2.6 | 28 |
| 6 | Understanding the Reductive Decomposition of Highly Concentrated Li Salt/Sulfolane Electrolytes during Li Deposition and Dissolution. ACS Applied Energy Materials, 2021, 4, 1851-1859. | 5.1 | 24 |
| 7 | Highly concentrated LiN(SO2CF3)2/dinitrile electrolytes: Liquid structures, transport properties, and electrochemistry. Journal of Chemical Physics, 2020, 152, 104502. | 3.0 | 20 |
| 8 | Eutectic Electrolytes Composed of LiN(SO<sub>2</sub>F)<sub>2</sub> and Sulfones for Li-Ion Batteries. Journal of Physical Chemistry C, 2022, 126, 10024-10034. | 3.1 | 18 |
| 9 | Effects of Lithium Salt Concentration in Ionic Liquid Electrolytes on Battery Performance of LiNi<sub>0.5</sub>Mn<sub>0.3</sub>Co<sub>0.2</sub>O<sub>2</sub>/Graphite Cells. Electrochemistry, 2021, 89, 455-460. | 1.4 | 3 |
| 10 | Highly Concentrated NaN(SO<sub>2</sub>F)<sub>2</sub>/3-Methylsulfolane Electrolyte Solution Showing High Na-Ion Transference Number under Anion-Blocking Conditions. Electrochemistry, 2021, 89, 590-596. | | |